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August 21, 2026

Via Electronic Mail
jonathan.hershey@lacity.org

Jonathan Hershey, Associate Zoning Administrator
Los Angeles Department of City Planning
200 N. Spring Street, Room 763
Los Angeles, CA 90012

Re: Case No. ZA-2026-3203-RV, ZA-2026-3203-RV, ENV-2026-3204-CE regarding the Murphy Oil Drill Site located at 2126 W. Adams Boulevard

Dear Mr. Hershey:

On behalf of E&B Natural Resources Management Corporation ("E&B"), we appreciate the opportunity to respond to the Zoning Administrator's ("ZA") written questions transmitted on July 23, 2026, following the hearing in this matter on that same day concerning the Murphy Oil Drill Site located at 2126 West Adams Boulevard ("Murphy Site" or "Facility"). We also incorporate by reference our previous objections to the proceeding submitted on July 22, 2026 ("the July 22, 2026 Letter"). We remain extremely concerned by the unsupported allegations in the staff report which, in the face of these facts and information, as well as critical constitutional considerations, cannot support the findings the ZA must make in order to revoke Plan Approval ZA-1959-15227-O-PA6-1 A (the "Use Permit") or modify the conditions. We continue to reserve the right to supplement information in the record.

I. RESPONSES TO THE ZA'S SPECIFIC QUESTIONS

1. <u>Noise</u>

a. Given that the hours of operation permit deliveries between 7 am and 7pm, why are there truck deliveries taking place outside the permitted window?

b. What type(s) of production equipment and materials require delivery to the drill site before 7am?

These responses are provided below, and it is important to consider the context for these responses with a full understanding of the applicable condition, which is Condition 6 of the Use Permit. In brief, however, trucks arrive to the site prior to 7am because they are either directly

supporting the allowable "production activities" or for the practical reasons that they are coming from a distance away and trying to account for the LA-area traffic variable to be on time to commence a 7am workday.

It is apparent from the public's comments and even the City's queries to E&B that there are, at times, fundamental misunderstandings about the characterization of the Murphy Site activities. But it is essential to have clarity on these activities because they relate directly to what the conditions allow or prohibit. Below are some key concepts to bear in mind when reviewing any of the conditions:

- There has been no "drilling" activity at the Murphy Site since E&B acquired it in 2019, and E&B does not intend to conduct drilling on the site in the future. Drilling can include "re-drilling," and involves the deepening of a well or creation of a new wellbore using a very tall (often a 130 to 160 feet) rig that remains on site.

- E&B is "producing" the existing wells at the Murphy Site. That means E&B is extracting oil and gas from these previously established wells, using tubing and electrified pumps, sending the produced oil and gas through pipelines, and conducting the necessary activities to support that production. "Production activities" take place 24 hours per day, 7 days per week, as permitted under the Los Angeles Municipal Code ("LAMC") and the Use Permit.

- There are sometimes "workover" activities performed on the existing wells. Workover activities can include routine maintenance on the existing well and the equipment within it, "cleaning" out sand or other material that may be impeding flow; replacement of equipment within the well; and plugging of a well in preparation for abandonment. Workover rigs are compact and mobile telescoping rigs mounted on a truck. E&B performs workover activities at the Murphy Site approximately 90 to120 day per year, for varying periods each month as warranted. Like most urban Los Angeles production site operators, E&B relies on well servicing companies to provide workover rigs. The rigs are owned and operated by those service companies.

- There may be other "work" conducted ancillary to production and workover activities that take place on site. These work activities could include routine site or equipment inspection, maintenance or repair, or receiving deliveries of equipment or materials.

It is critical to understand that E&B conducts primarily "production activities" on the site, particularly when reading Condition 6. Condition 6 is a lengthy condition that may warrant revision for clarity, since it has already been the subject of varying interpretations by both E&B and the City.[1] The condition addresses a number of topics at once, and often unclearly:

[1]Condition 6 was carried over from prior approvals, including ZA 1959-15227-O-PA4 approved in 2007, and it appears that only recently has the City's interpretation of what constitutes a "heavy truck" or a "permitted" or "non-permitted" truck has departed from the operator's. As explained

1) What is allowed or required when drilling activities are underway;

2) What is allowed or required when production activities are occurring;

3) What is allowed or required during periods surrounding workover activities;

4) What is allowed or required with respect to heavy or oversized trucks serving the facility; and

5) Website-related requirements for notification and language translation.

These categories have repeatedly been conflated in comments by the public and the City, particularly with respect to hours of operation and truck deliveries. Accordingly, to assist in your review and consideration of information in the context of the condition, we have diagrammed Condition 6 in its entirety below.

Condition Text	**What it Applies To**
As further amplification of Condition No. 49 of Section 13.01-F of the Municipal Code, except for actual drilling and production operations, which may be conducted 24 hours a day, seven days a week, no work shall be conducted on the property between the hours of 7:00 p.m. of one day and 7:00 a.m. of the following day or on Sundays.	Allows "actual … production activities" to take place 24/7. Prohibits other onsite "work" between 7pm and 7am and Sunday. The cited LAMC code references only prohibition on delivery of "materials, equipment, tools or pipe" outside of work hours – delivery of products with potential to generate noise. Notably, this does not include service workers arriving on time at a job site.
While actual drilling operations are being conducted between the hours of 7:00 p.m. and 7:00 a.m., the applicant shall operate its facility in "Quiet Mode". "Quiet Mode" shall mean that where possible, operation components shall be covered with acoustical shields/material, that all audible backup alarms shall be disabled and replaced with a spotter for safety purposes; operation of the cellar pump shall cease; the	This provision applies only to "drilling operations." Provides for "Quiet Mode" procedures when *drilling* is occurring, because drilling is a 24/7 operation by nature. This provision of Condition 6 doesn't apply to E&B's operations; Condition 7 provides for noise reduction measures during

in E&B's Objection Letter on pages 12-13, the City's interpretation of types of "permitted" trucks is not grounded in any fact or basis, nor did it afford E&B due process during the rulemaking. Rather, the City's interpretation that prohibited trucks are any truck bearing a "placard" or any truck at all arriving before 7am or after 7pm is a convenient post-hoc rationalization that understandably surprised E&B when they inquired as to the apparent disconnect.

Condition Text	**What it Applies To**
applicant's employees and contractors shall be prohibited from yelling, and the Derrick Man and Driller shall communicate by walkie-talkie only when the Derrick Man is on the derrick; no horns shall be used to signal for time for connection or to summon crew (except that a horn may be used for emergency purposes only). The applicant shall conduct on-site meetings to inform all personnel of quiet mode operations.	*workover* activities. And notably, E&B doesn't conduct workover activities overnight because the work doesn't require continuous operation like drilling does.
In case of an emergency, all restrictions on the hours of operations shall be suspended for as long as is necessary to resolve the emergency situation, and for no longer.	Relieves restrictions during emergencies.
Notwithstanding the foregoing, during the period necessary to set up and move the drilling or workover rig off the premises, and to conduct drilling or re-drilling operations as herein authorized, heavy ("permitted" oversized/overweight load) truck deliveries shall be permitted from 7:00 a.m. to 9:30 p.m., on week-days and none during week-ends and holidays.	Allows deliveries from "heavy ('permitted' oversized/overweight load)" trucks to occur outside of the hours previously specified during times surrounding the workover activities. Here, the term "permitted" is clearly intending to refer to heavy, oversized/overweight trucks which require permits in order to travel on roadways pursuant to the LAMC and Vehicle Code.
Deliveries shall be made by approaching the facility off of Adams Boulevard exclusively. Delivery trucks are to be staged offsite so as to reduce the time that trucks need to wait to enter the facility. If there is not sufficient room within the interior of the facility to accommodate a given heavy delivery truck, the applicant shall not call for the delivery of such heavy truck unless and until another heavy delivery truck parked within the facility is scheduled to leave the facility within 15 minutes.	As an immediate continuation from the preceding sentence about "permitted trucks," and underscored by the reference to "a given heavy truck," these conditions further specify how deliveries from these oversized/overweight trucks should occur. It also implies that the intent is that heavy trucks should enter the facility when they arrive, not linger on streets outside the facility.
The maximum number of heavy truck deliveries allowed for moving the drilling rig on and off the premises shall not exceed 20 loads per day for a period of four days. Except for the four days required to move the drilling rig on and off the premises, the number of	Here, "heavy trucks" appear to include <u>both</u> oversized "permitted" loads as well as "non-permitted" heavy trucks.

Condition Text	**What it Applies To**
"permitted" truck deliveries per day (week-days only, none on week-ends and holidays) shall be limited to a maximum of ten. The number of "non-permitted" truck deliveries per day (week-days only) shall be limited to a maximum of ten. The number of "non-permitted" truck deliveries per day (week-ends and holidays only) shall be limited to a maximum of five.	The phrase "Heavy trucks" in this context is reasonably interpreted to refer to "heavy-duty trucks" which are regulated as Class 7 trucks and are over 26,000 GVWR, and not intended to refer to as "light-duty" or "medium-duty trucks." It is not a reasonable interpretation to infer that the condition's proscriptions on "heavy trucks" should be applied to trucks that are regulated as light- or medium-duty trucks. This condition sets a 20-load per day limit from "heavy trucks" – inclusive of *permitted* and *non-permitted* loads – for a maximum for four days when moving a "drilling rig" on and off the premises. Drilling rigs are much larger than workover rigs, so it makes sense to contemplate needing larger oversized/overweight rigs. When drilling rigs are not being moved, the numeric limit of "permitted" oversized trucks is <u>10</u> per weekday, none on weekends, while "non-permitted" heavy truck deliveries are limited to 10 during weekdays, and 5 on weekends and holidays. E&B has not had heavy truck deliveries in excess of these limits.
The applicant shall give all abutting property owners written notice (in both English and Spanish), served by mail at least seven days prior to the dates when heavy truck traffic will commence related to moving the rig in for the drilling or re-drilling of wells.	This notification requirement applies only to "heavy truck traffic" that is "related to" the "drilling or re-drilling" of wells, something that E&B is not and has not been doing. Condition 21 requires notification to the public when other activities, including "maintenance" (which includes workover) activities take place.
The operator shall also provide a landing page on a publicly available website where interested parties can sign up for email alerts as a supplemental effort for notification purposes. The operator shall provide the web address for the publicly accessible website within	This condition was also added at the prior ZA proceeding.

Condition Text	What it Applies To
six (6) calendar months of the final determination of Case No. ZA-1959-15227-O-PA6. This information shall be posted on the website in the following languages that are the threshold languages, which are subject to change at any time, for a 1,500-foot radius of the Murphy Drill Site in Los Angeles County: English, Spanish, Korean, Simplified and Traditional Chinese, Arabic, Russian, Vietnamese, Tagalog.	

E&B rarely has oversized/overweight ("permitted") trucks deliver equipment to the site except when the workover activities are taking place several days per month. In E&B's review of the incidents identified in the City's staff report as potentially being non-compliant with condition 6, none of the vehicles identified were oversized/overweight. Therefore, there is no compliance issue with any of the conditions concerning the "permitted" deliveries.

With respect to other truck deliveries, certain trucks must come at any given time because they are directly supporting "production activities" which occur 24 hours per day, seven days a week. For example, as part of E&B's production activities, they provide oil and gas to the refineries through pipelines from their site. This is not a continuous process; rather the refineries set the schedule for which they will receive the product, and only then can E&B send product through the pipeline. As part of this process, the refineries require that calibration of the flow meter – to confirm accurate flow measurements of the product – be conducted as soon as product begins flowing through the pipeline. Because the refineries set the schedule for receiving product, this can and has occurred before 7am or after 7pm. However, the flow of product through the pipeline is part and parcel of actual production activities which are allowed to take place any time. Moreover, the act of calibration is not inherently noisy and does not impact E&B's ability to stay within the noise parameters specified in the LAMC, including the oil overlay ordinance noise guidelines.

Other trucks that may arrive on-site to provide welding and maintenance activities, worker uniform deliveries, or industrial product deliveries. When a workday commences at 7am, the service provider endeavors to arrive on time. Taking into account LA rush hour traffic and the fact that sometimes these service providers are coming from as far as Bakersfield or the San Fernando Valley, workers that are expected to start their day at 7am often arrive early. When this occurs, E&B allows them into the site rather than sending them through LA streets to park elsewhere; however, they are not permitted to begin work until 7am. This is particularly important for delivery vehicles because usually it is the act of loading and unloading materials and equipment that has potential to generate noise. Service providers arriving to the site – whether employees or contractors – do not begin their work until 7am. This is consistent with what the

condition contemplates: that "work" on site does not begin until 7am, and the arrival of a heavy-duty truck to the site does not constitute this prohibited "work."[2]

2. <u>Operating Standards</u>

a. Share the date and compliance status for the most recent inspections pertaining to each agency listed below. Send any corresponding attachments related to the inspection with your response:

- ***CalGEM***

CalGEM's last on-site inspection was January 28, 2026, and no violations were found.[3]

- ***SCAQMD***

The SCAQMD frequently inspects the Facility. The most recent inspection as of the time of this writing was August 12, 2026. E&B was informed by the inspector that the reason for the inspection was an odor complaint called into the SCAQMD, but the inspector identified no odors at the Facility and left without taking any action.[4]

As explained in our July 22, 2026 Letter, anyone may call complaints into the SCAQMD for any reason; the logging of the complaint does not validate that there was, in fact, an odor exists or that it was attributed to a particular source. At any given time in an urban environment, a person may perceive odors, but there are good reasons that the regulatory agency charged with oversight of odors must verify complaints before taking enforcement action: their inspectors are trained to identify sources, taking into account relevant meteorological conditions, and to be considered a nuisance, the odors must persist long enough to be verified by an inspector, and there must be a sufficient number of <u>verified</u> odor complaints.[5] If odors persist, the SCAQMD can and does take enforcement action – it has not had any reason to do so here.[6]

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[2] It is important to recognize also that the Use Permit governs the activities here, notwithstanding the reference to the municipal code. The Use Permit reflects a particularized assessment of this site and its conditions of approval.

[3] See Attachment 1.

[4] See Attachment 2 (the Facility visitor log recording the SCAQMD inspector's visit).

[5] See, .e.g, Attachments 5 and 6 of the July 22, 2026 Letter.

[6] We reiterate the important point made in our July 22, 2026 Letter that even in cases where the SCAQMD has received *thousands* of odor complaints, and has verified *hundreds* of them sufficient to issue *dozens* of NOVs, the enforcement actions taken have stopped short of forcing a facility to shut down. Rather, the SCAQMD initiates an "abatement order" administrative process, requiring compliance with mitigating conditions to enable the offending entity to come into compliance while still allowing it to operate. This administrative mechanism is prescribed by state statute precisely because the legislature recognized that the forced shut down of a business – even in the face of regulatory noncompliance – may well result in an unlawful taking, in gross violation of the

- ***LAFD Oil Wells Unit***

The Los Angeles Fire Department ("LAFD") Oil Wells Unit inspects oil wells within the City and issues permits for active wells and well abandonment. E&B Facilities Engineer Cody Peters spoke with Mark Navarro of the LAFD Oil Wells Unit on August 18, 2026 and confirmed that the most recent inspection was July 6, 2026, and that there were no issues or violations identified; the Facility is compliant.[7]

- ***LAFD CUPA***

The LAFD acts as the certified unified program agency ("CUPA") overseeing compliance with a suite of requirements and regulations generally concerning hazardous materials at the Facility. The LAFD CUPA last inspected the site on November 11, 2025, conducting a 107-point inspection and finding the facility 100% compliant.[8]

- ***LA County FD Health Haz Mat Division***

The Los Angeles County Fire Department, Hazardous Materials Division acts as a participating agency with the CUPA to inspect oil facilities in Los Angeles for hazardous waste compliance, among other roles. The agency reports facility inspections and any violations to the statewide California Environmental Reporting System (CERS), available to view by business entities and regulators. The most recent inspection date of the Facility was May 1, 2026, and no violations were identified.[9]

3. <u>Monitoring, Reporting, and Public Information</u>

a. Please recount any stakeholder outreach you have conducted in developing the technology assessments for the 3 Annual Safety Inspection Reports that have been submitted since 2024.

As explained in our July 22, 2026 letter, E&B's technology assessment takes into account stakeholder input, whether received directly in response to solicitation or indirectly through public comments (and complaints) to the City or other agencies. This sensitivity to and awareness of public input led directly to the expansive explanation on the availability of electric workover rigs included in the most recent technology assessment. E&B should be commended for

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business's constitutional rights. The process underway here before the ZA bears that same risk, inflamed by political fervor, and we caution against taking action that abrogates E&B's constitutional rights, as explained in our July 22, 2026 Letter and in Section II below.

[7] Mr. Peters understood that the LAFD Oil Wells Unit does not issue inspection reports when no issues are identified.

[8] See Attachment 3.

[9] See Attachment 4.

responding to unsolicited input in the way that it has. (And, as stated in our letter, there is no requirement in the condition to document outreach undertaken; E&B's outreach has included being unusually receptive to community input even when that input is directed at the City or with hostility to E&B). E&B posts its Annual Safety Reports on its website[10] and accepts and considers feedback and input year-round, not just in the time period when the report is being prepared. Finally, E&B has directly solicited direct feedback via e-mail.[11]

b. Explain the dates of construction and the complete purpose for the flat work that was completed in 2024 at the Drill Site. Was this used for the installation of any equipment? Also, explain why the operator did not obtain any LADBS permits for this construction work for a 4-foot by 4-foot by 6-inch concrete slab.

In March 2024, E&B contracted to level a small asphalt area by pouring a concrete pad to improve the previously uneven surface to be used for placement of materials or equipment. This was general maintenance work and as such did not require a Los Angeles Department of Building and Safety ("LADBS") permit. In leveling this area, E&B ensured the pad was completed 6" above ground level to avoid any potential safety hazards associated with a lower lip at the leveled surface.

Because this concrete pad did not require structural foundation support, both E&B and their contractor understood that an LADBS permit was not needed. Indeed, there were three LADBS inspections of the work. E&B's understanding is that the inspectors visited the site because of complaints called in by a concerned citizen who observed a cement mixing truck at the Facility. It appears that the determination after the inspections was that pouring the 16-square-foot concrete pad did not require a permit and there was no violation of the LAMC.

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c. Please explain the rationale for the locations of the fenceline air monitoring system.

E&B's fenceline air and noise monitoring system is an innovative system that allows for real-time continuous monitoring of multiple compounds and sound intensity, unique for an oil production facility[12]. The locations of these sensors are shown on the figure below in the red circles and reflect a thoughtful approach to siting, consistent with Condition 19 and EPA and AQMD recommended best practices for ambient air monitoring using sensor technology.

Per condition 19, the sensors were placed along the perimeter of the facility, between the oil drilling and production facility and the community (see figure below). Beyond the scope of Condition 19, E&B took measures, where possible, to select locations in a manner consistent with EPA and SCAQMD guidance for siting of sensors, which included consideration of factors

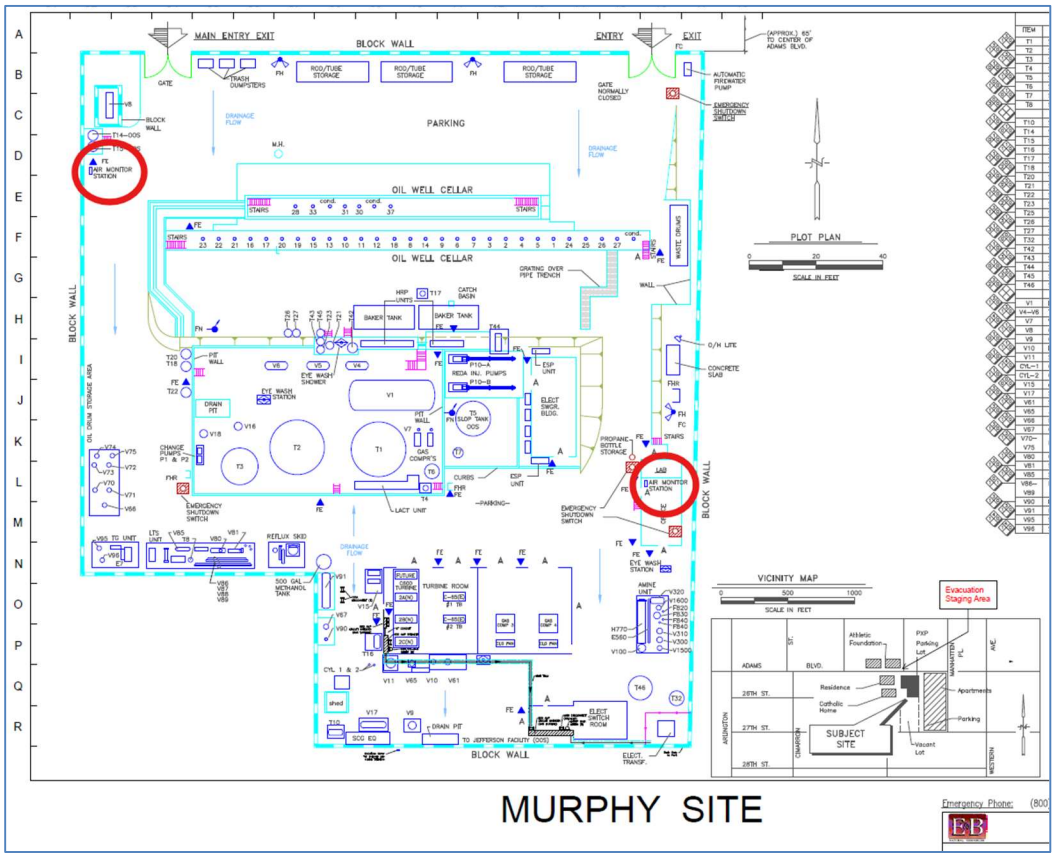
[10] https://www.ebresources.com/murphy-site

[11] See Attachment 19 of the July 22, 2026 letter.

[12] Each of the two locations includes monitors that measure ambient hydrogen sulfide, sulfur dioxide, VOCs, and Sound Intensity Level - Class II.

such as airflow, obstructions, height, accessibility, power, security, and representativeness of ambient air quality.[13][14][15] The locations on the northwest and southeast of the facility were selected for two main reasons: proximity to highest density of nearby residential areas, including potentially sensitive receptors, and historical meteorological data indicating that the two locations would be generally representative of upwind and downwind directions of the Murphy site operations (prevailing winds typically come from the west).

In addition to these best practices, the specific locations of these sensors on their respective sides is representative of ambient air and noise near the closest neighbors on the east and west: the apartment complex and the AIDS Healthcare Foundation, respectively. To the north is Adams Boulevard, which acts as a buffer between the neighbors across the street, and to the south is a park, which acts as another buffer. Additionally, per EPA and SCAQMD best practices for facility specific siting, E&B avoided placing the sensors near other, non-facility sources of air emissions, such as Adams Boulevard adjacent to the north fenceline.



[13] South Coast AQMD, Air Quality Sensor Performance Evaluation Center (AQ-SPEC), *Finding a Location for Your Sensor* / installation guide, v1.0

[14] Clements, A., Duvall, R., Greene, D., and Dye, T. (2022). *The Enhanced Air Sensor Guidebook*. EPA/600/R-22/213. U.S. EPA Office of Research and Development. (Chapter 3.5, p. 58).

[15] https://www.epa.gov/air-sensor-toolbox

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d. ***Are the noise sensors co-located with the air monitoring system?***

Yes, the noise sensors are co-located with the air monitoring system. The Scentroid noise and air monitoring system is a dual monitoring system and, as described above, their present locations make sense for both noise and air, taking into account the existing buffers to the north and south.

e. Please elaborate on the gaps in monitor reporting (why, in multiple reporting periods, readings for only two VOC are reported while reporting zero emissions for a third VOC?)

This question presumes a premise that is not accurate, whether based on misunderstanding or misinformation: namely that there are "gaps in monitor reporting" of VOCs – or any air contaminant being measured, for that matter. Reporting zeros for a given type of emissions is not a gap, but rather a reflection of the ambient air recorded by the monitor, which may not include all three types of emissions above a particular detection level at any given time.

As a threshold matter and consistent with Condition 19, the air monitors have sensors that detect levels of 1) hydrogen sulfide; 2) sulfur dioxide; 3) total VOCs. Those are the three categories of emissions being measured. The air monitors measure these emissions when the sensors detect them at levels above the detection level of the sensor, which are set by the manufacturer Scentroid. If, for example, in a given report hydrogen sulfide and sulfur dioxide are measured but VOCs are not, that simply means that there were not sufficient VOCs detected by the sensor and so it is recorded as zero. That is not a gap in monitoring but rather a reflection of the ambient air emissions around the sensors for a given period. And given the nature of E&B's relatively modest operations, it is not surprising that levels of these emissions would sometimes be so low as to be below the detection limits of the sensors.

4. <u>Production Area</u>

a. Is a vapor recovery system installed?

Yes, E&B's facility has a vapor recovery system installed. It is permitted by the SCAQMD as part of the oil-water separation system. When E&B took over the Murphy facility in 2019, permits for the existing equipment were reissued to E&B as the owner/operator.[16] The vapor recovery equipment is described in items 11 to 14 of the permit's equipment description.[17]

[16] SCAQMD Permit G59305 is included here as Attachment 5.

[17] E&B's permanently installed vapor recovery system should not be conflated or confused with the portable system owned by Vapor Point LLC and operated at Crimson Energy's facilities for a limited time, and which was the subject of a SCAQMD NOV that the City's staff report misleadingly attributed to E&B, as explained in our July 22, 2026 Letter at page 7.

b. Can you please submit any available vapor recovery recordings or reports to the Zoning Administrator?

As part of the permit requirements and requirements under SCAQMD Rules 1173 and 1176, which specify requirements for controlling VOCs (including conducting leak inspections) from oil production activities and from wastewater separators at oil production facilities, E&B routinely conducts leak inspections and maintains records accordingly. Records provided here[18] demonstrate that E&B conducts regular inspections consistent with these requirements.

The rules contemplate that leaks may occur, and specify how they must be repaired and documented. These rules, and others, show that the SCAQMD – the agency charged with overseeing air quality and emissions from stationary sources – recognizes that in complex industrial operations equipment may not always operate perfectly, or unexpected issues may arise. That is why it establishes, through its public rulemaking process which engages multiple stakeholders including NGOs and concerned members of the public, ways to address identified leaks when they occur. Notably, these rules do not call for shutting down a facility if a leak is identified – it calls for repairing them and documenting both the leak and the repair. This is how oversight is intended to work, and it is and has been working here.

5. Equipment and Monitoring

a. Please provide an employee onsite schedule showing 24/7 coverage.

E&B staffs the Murphy Site 24-hours per day, 7 days per week and provides the attached documentation here demonstrating this.[19] The four employees work in pairs over a 7-day period; each pair works for one week and then has one week off. Each individual in the pair works a 12-hour shift to provide 24-hour coverage. The individuals alternate, during their on-weeks, who works the day shift (designated "D" on the schedule) and who works the midnight/overnight shift (designated "M" on the schedule).

Answers to questions (b) through (d) below are provided following question (d).

b. What is the purpose for the Electrical Permit No. 26041-10000-13854 (Installation of a Capstone C600 microturbine generator) that was issued on June 9, 2026?

c. Have you installed any new microturbines since 2024, or are you planning to install new microturbines?

[18] See Attachment 6.

[19] See Attachment 7 (full names have been redacted for employee privacy).

- ***IF YES – What is the justification for installing an additional microturbine? How much gas will be imported to fuel it?***

d. Please explain how the installation of microturbines will affect the Electrical Main Switchgear and the source of gas that will be used to operate the microturbine (SoCal Gas or excess of onsite gas).

To briefly answer questions 5(b) through 5(d), the purpose of the above-referenced electrical permit was to install new switchgear for existing equipment, including existing microturbines that have been operating onsite. The microturbines on-site were installed in 2021, and E&B has not installed any new microturbines since then. The new switchgear will allow the existing microturbines to provide sufficient on-site power to meet approximately 70 to 80% of the Facility's power supply needs, rather than the existing configuration with its insufficiently-sized switchgear. This, in turn, enables the microturbines to process more natural gas produced on site, and reduces E&B's load on the grid.

Since 2021, E&B has operated a Capstone C600S microturbine power system at the Facility. Capstone's power generating systems are marketed in various sizes, from 200kW to 1,000kW. The generating capacity is based on the number of 200kW microturbines contained in the provided housing and operated by the system's computer programming. The Capstone C600S is comprised of three Capstone C200S microturbines "daisy-chained" together within a housing and controlled by a single computer (similarly, a Capstone C1000 is five C200S microturbines controlled by a single computer). Capstone only makes one size microturbine – 200kW – but meets different power generation needs by "chaining" them together and programming the single computer accordingly.[20]

In 2021, E&B invested in the Capstone C600S power generation system to replace aging power generation equipment on site. The Capstone C600S system was registered with SCAQMD pursuant to Rule 222, applicable to equipment that does not require a permit. As SCAQMD explains its Rule 222 program: "Rule 222 identifies specific types of equipment that typically have a low emission impact."[21] Certain types of microturbines, including those that are certified by the California Air Resources Board (CARB), are eligible for this registration. The Capstone microturbine is CARB certified and therefore eligible for Rule 222 registration. SCAQMD issued the registration for the three C200S microturbines comprising the Capstone C600S power generation system on June 3, 2021. This information, along with the LADWP-issued permits for the Capstone C600S Generating System, was provided to LADBS in a letter package dated October 7, 2020.[22]

Figure 9 of the Annual Safety Report dated March 15, 2024 shows the system on-site in the below photographs:

[20] See Attachment 8.

[21] See Attachment 9.

[22] See Attachment 10.

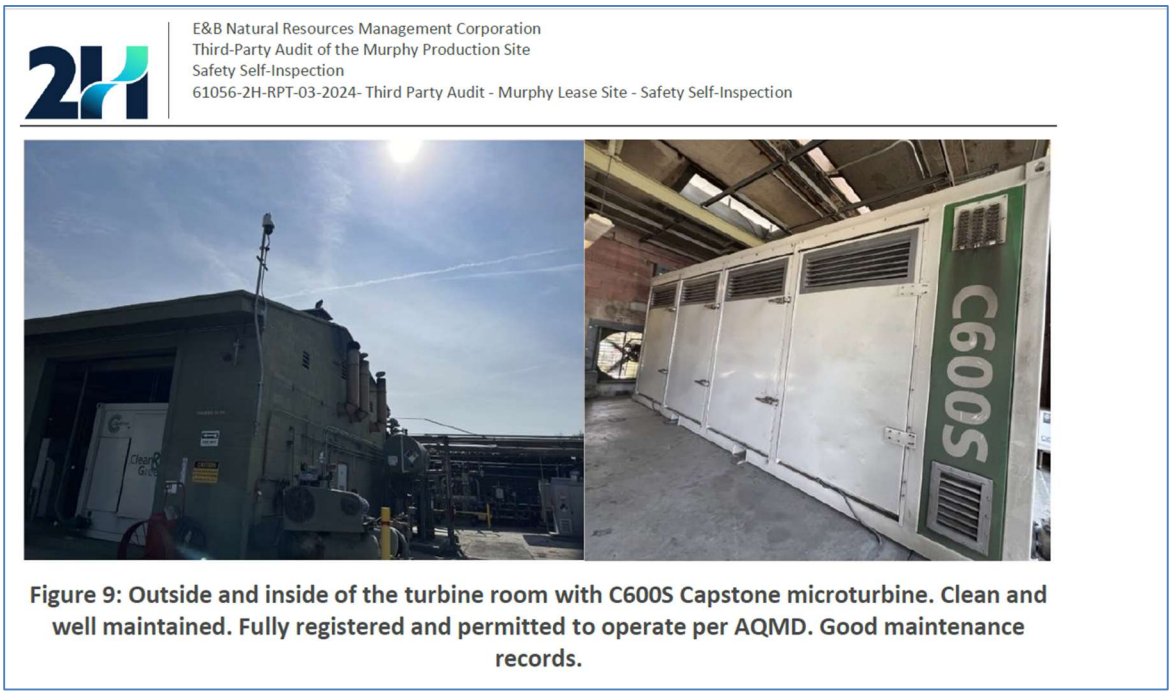

Figure 9: Outside and inside of the turbine room with C600S Capstone microturbine. Clean and well maintained. Fully registered and permitted to operate per AQMD. Good maintenance records.

The Capstone C600S system represents an approximately million-dollar investment into improved power generation and gas-processing infrastructure at the Facility. It also took a significant amount of coordination with LADWP prior to the installation of the system which began around 2020 regarding not only the installation of the equipment but also the interconnection agreement to allow the system to connect to the grid.[23] The system also ensures an efficient way to beneficially use gas produced on-site.

It is in the interests of both E&B and the City for E&B to optimize the use of its existing Capstone C600s power generation system. The new, right-sized switchgear enables this optimization. As E&B discovered after it began operating the C600S system, the existing switchgear was not capable of handling the transmission of electricity from the system to the facility without occasionally tripping the system. When a power trip would occur, it did not affect operations or equipment because, being interconnected with the grid, the facility immediately switched to using grid power. However, such trips were costly to E&B because utility power is significantly more expensive than power generated from its own process. Additionally, when the Capstone system is not running, methane that would otherwise be used by the turbines is sent to the amine system for treatment and subsequent transmission via pipelines to the utilities, which is also inefficient and costly for E&B. The new switchgear is sized to allow the three microturbines comprising the Capstone C600S system to run as all the parties intended originally. This is

[23] See Appendix 1 (key e-mail exchanges between E&B and LADWP regarding the switchgear; as you can see from the correspondence, the length of time was due in part to manufacturer delays, the Covid stay-at-home order, changes to various parameters, and the general iterative nature of a project of this kind.)

expected to result in less usage of utility gas, and more self-generated power from beneficial use of production gas.

e. Provide the necessary SoCalGas statements that illustrate how much natural gas is being purchased for the microturbines operation.

In accordance with the requirements of its permit, E&B ensures that its use of utility gas is not greater than its use of production gas to power the microturbines. As explained further above, it is in both the City's interest and E&B's interest to optimize the use of its on-site power generation because doing so means it will use an even greater proportion of produced gas as compared to purchased gas, and it will rely less on grid power accordingly. SoCal Gas statements are attached.[24]

f. In the report that was prepared by the energy engineering firm, Roux Inc., dated July 20, 2026, did the authors of this report conduct an in-person visit of the drill site prior to writing the report?

The authors of the report did not conduct an in-person visit to the site. However, a site visit would not alter the opinions contained in the report, as the experts were asked to independently review the materials in the record and determine if the record supported the conclusions made by the LA city staff and other parties' comments. As risk assessment professionals with expertise in epidemiology and toxicology, their analysis relied on their experience of the standard methodologies applied in their respective fields, the technical facts of the case, including materials provided in the record (e.g., SCAQMD inspections, agency regulations, and first-hand experience in conducting site specific field studies and health risk and odor assessments. Although a site visit was not necessary to conduct their analysis, and a site visit would not change the conclusions drawn from a review of the available information. However, both experts have conducted in-person visits to similar oil and gas sites in the Los Angeles area and have over a decade of first-hand experience on oil and gas drilling and production sites in other states, such as Colorado and New Mexico.

g. Are there any planned activities that will require the use of contractors? Have they been made aware of the conditions of approval encumbering the drill site?

As explained below in response to Question 6c, E&B informs contractors of the conditions, constraints and requirements relevant to the work being performed, and will continue to do so. A significant portion of the work that takes place at the facility on any given day is performed by "contractors," and accordingly E&B recognizes that it is of utmost importance that these workers be aware of, and comply with, the applicable conditions.

[24] See Attachment 11.

h. What contractors have access to the site for routine operations?

In order to ensure equipment remains operating smoothly and any repairs required are conducted quickly, certain contractors have access to the Facility. These include primarily mechanics (welding crew and "service and repair" crew) and electricians.[25]

Additionally, individuals (and the associated companies) that have business with Crimson or SoCal Gas have access to the site. As previously explained in the July 22, 2026 Letter, both Crimson and SoCal Gas maintain pipelines accessed at the Murphy site. Those pipeline facilities are subject to oversight by various local and state agencies, and the companies have independent rights of access to their pipeline easements that are out of E&B's control. E&B facilitates access where necessary – such as opening the gate – because it cannot legally impede access. However, it has no oversight authority of Crimson or SoCal Gas regarding their use of the facilities.

i. Please provide information on the present status of Well 18 and when the Murphy 18 was deemed "idle."

Well 18 is and has been producing; it was inadvertently listed by CalGEM as being idle and E&B has been trying to rectify this error as discussed further below in response to (j).

j. Explain the timeline for when Murphy 18 will be returned to active status or plugged & abandoned?

Murphy 18 is and has been actively producing for at least the past two decades and has not been idle at any point during that time – notwithstanding the erroneous listing as "idle" on CalGEM's Wellstar database. As explained briefly in our July 22, 2026 letter, it has been incorrectly listed as "idle" due to a CalGEM data entry error that E&B has been in the process of correcting. Murphy 18's active status has been noted by in-person inspections at the facility, including CARB, CalGEM and SCAQMD inspectors participating in the Methane Task Force inspections in January 2025.[26] E&B has been working diligently with CalGEM to correct this database error.

The "idle" designation was made by CalGEM without notice to E&B as an apparent result of changes in how CalGEM receives and allocates production data. E&B has been in communication with CalGEM since 2024 to correct the database entry, which is based purely on a paperwork and administrative database and data entry error.

As background, based on the understanding E&B has gleaned over the months of trying to correct the information, when the CalGEM (then known by the acronym DOGGR) rolled out the Wellstar database in the 2017-2019 timeframe, it enrolled all the wells in the state into the database program, some incorrectly.[27] Over the next several years, it has become apparent that

[25] Specific companies are Direct Source (electricians and mechanics); DK Energy Services, (chemical provider); RP Vititow Construction Corp, and Excalibur Well Services Corp.

[26] See July 22, 2026 Letter, Att. 12 (Methane Task Force Study) at pp. 3-4 and 9.

[27] A Legislative Analyst's Office report provides some information on just what a monumental administrative challenge Wellstar would be, noting that "it is a complex undertaking to design,

the agency made changes to how it implemented the program, including how it assigned or allocated production records to a given well. If production records were submitted that did not align with the new coding system, that production was not allocated to a specified well. When the Wellstar database registers 24 consecutive months without production data for a well, that well is automatically designated as idle. Moreover, CalGEM receives automated production data from many facilities, and in turn automatically updates Wellstar based on this data. When there is a glitch in the automated processes, information does not get correctly entered in the database – and there is not yet an automated mechanism for identifying when these issues occur. It has taken months of e-mails with CalGEM to begin to identify the root of the data entry problem, review production records, and work with CalGEM to correct the error – which requires iterative proactive, manual efforts on CalGEM's part as well as E&B's part. E&B is optimistic that Wellstar will be updated to reflect Murphy 18's active production status in the coming months.

6. <u>Additional Questions</u>

a. Can you please provide documentation, from the City's Petroleum Administrator, of their comments on the drill site's fenceline monitoring system relating to Condition 19?

E&B reached out to the LA Petroleum Administrator in May and July of 2024 to provide information and solicit input on the fenceline monitoring system.[28] The Petroleum Administrator did not have any comments on the system.

b. Provide all LADWP communications, permits, and correspondence pertaining to LADWP's direction to the operator for new equipment (with regards to the microturbines at the facility, Ms. Lopez Grasse mentioned that LADWP asked the operator for new equipment and new electrical connections).

E&B has provided e-mails with LADWP going back to 2020 regarding the microturbine installation and related switchgear project.[29] E&B received approval for the switchgear project in

develop, and implement a data system that can meet the requirements of the U.S. EPA, Chapters 313 and 561, and maintain the flexibility to be modified to meet new regulatory demands." (See https://www.lao.ca.gov/Publications/Report/3558, last accessed August 21, 2026.) In hindsight, it is unsurprising that glitches such as that seen with Murphy 18 have arisen, and it is E&B's belief that there are dozens if not a hundred similar instances where well status has been automatically but incorrectly changed due to data entry problems.

[28] See Attachment 12.

[29] See Appendix 1.

2023[30] and is currently working with LADWP through a contractor to finalize the switchgear project.[31]

c. Provide information about the protocol (if any) concerning how E&B Natural Resources makes third-party contractors aware of the ZA conditions of approval and state standards for operating around sensitive/restricted uses when said contractors conduct activities at the site.

E&B relies on production site professionals – whether contractors or employees – for the Murphy Facility to operate smoothly. Accordingly, E&B ensures that its team is aware of the relevant ZA conditions of approval for the site as appropriate for the work being undertaken. For example, E&B informs the workover rig service provider of the hours of operation and ensures awareness of and compliance with noise mitigation requirements, such as those set forth in Condition 21 which requires, among other things, the use of the acoustical blanket during workover activities. E&B takes an active role in ensuring that the set-up and configuration of the acoustical blanket meets the requirements of the condition, and has done so for the dozens of times that workover activities have taken place since January 2024.

II. CONSTITUTIONAL CONSIDERATIONS: Revoking or Limiting the Long-Standing Land Use of the Murphy Site Unconstitutionally Impairs the Vested Rights of E&B.

As previously stated, LAMC section13.B.6.2 sets a high bar for the nuisance-based revocation of a use permit, including requiring a finding that the action to revoke or modify a permit does not infringe on constitutional rights of the permittee. Aside from the factual information before the ZA already, the critical constitutional issues inherent in the decision before the ZA cannot be ignored nor separated from any contemplated action. And as explained previously and below, revocation or modification of the permit would be a gross violation of E&B's constitutional rights.

"[T]he vested rights doctrine limits the state's power to interfere with property rights." (*Lakeview Dev. Corp. v. City of S. Lake Tahoe* (9th Cir. 1990) 915 F.2d 1290, 1294.) To divest a vested right, the authority needs to either pay just compensation, conduct an amortization study, or prove that the government has compelling governmental interest to protect the health and safety of the public.

Here, the City's effort to revoke the established land use of the Murphy Site violates E&B's vested right protected under the Constitution of the United States under the Fifth and Fourteenth Amendments, and constitutes a taking of the property without just compensation, as it purports

[30] See Attachment 13.

[31] Because LADWP communicates with only one designated point of contact on a given project, communications at this late stage are primarily taking place between the contractor and LADWP.

to shut down retroactively a lawful use expressly permitted by City, without an adequate amortization period.

1. E&B Has a Vested Right to Continue the Established Land Use.

"It has long been the rule in this state and in other jurisdictions that if a property owner has performed substantial work and incurred substantial liabilities in good faith reliance upon a permit issued by the government, he acquires a vested right to complete construction in accordance with the terms of the permit." (*See Avco Cmty. Devs., Inc. v. S. Coast Reg'l Com.* (1976) 17 Cal. 3d 785, 791; see also *Santa Barbara Patients' Collective Health Co-op. v. City of Santa Barbara* (C.D. Cal. 2012) 911 F. Supp. 2d 884, 892 ("*Santa Barbara*") ["The doctrine of vested rights ... states that a property owner who, [1] in good faith reliance on a government permit, [2] has performed substantial work and incurred substantial liabilities *has a vested right* to ... use the premises as the permit allows."].) The vested right doctrine applies to conditional use permits. (See *Goat Hill Tavern v. City of Costa Mesa* (1992) 6 Cal. App. 4th 1519, 1529; see also *Tosh v. California Coastal Com* (Ct. App. 1979) 99 Cal. App. 3d 388, 393 ["a conditional use permit may satisfy the requirement for acquisition of a vested right"].)

As discussed in the July 22, 2026 Letter, it is undisputed that E&B retains a vested right to continue the current land use of the Murphy Site, because E&B, along with its predecessors, replied upon the land use permit and has performed substantial work in developing and drilling the oil site. The Site was first drilled for oil and gas operations in 1961 under Case No. ZA-1959-15227-O. Over the past few decades, the Murphy Site operated under various operators and underwent multiple phases of drilling, production, and well maintenance activities, in reliance upon the land use permit. Those operators and mineral right owners, including E&B, invested numerous capital and resources into developing and maintaining the Murphy Site for purposes of oil and gas extraction operations. E&B started operating the oil and gas production at the Murphy Site in 2019, and the long-established land use at the Murphy Site is a vested right to E&B.

2. The City Must Present Substantial Evidence to Show that the Revocation of Established Land Use Is Sufficiently Necessary to Public Welfare, and Is Narrowly Tailored for that Interest.

"Once a property right is vested, the government is estopped from divesting this vested right through ordinary police power regulations." (See *Toigo v. Town of Ross* (1998) 70 Cal. App. 4th 309, 321 ["there is no meaningful distinction between an estoppel claim and a vested right claim where land use is at issue"]; *S. Lake Tahoe Prop. Owners Grp. v. City of S. Lake Tahoe* (2023) 92 Cal. App. 5th 735, 747 ["The vested rights doctrine is predicated upon 'estoppel of the governing body.'"].)

The vested rights doctrine in the land use context "is subject ... to the qualification that such a vested right, *while immune from divestment through ordinary police power regulations, may be impaired or revoked if the use authorized or conducted thereunder constitutes a menace to the public health and safety or a public nuisance.* (*Davidson v. Cnty. of San Diego* (1996) 49 Cal. App. 4th 639, 649, italics in original ("*Davidson*").) The revocation of a vested right must be "**sufficiently necessary to the public welfare as to justify the impairment.**" (*Ibid*, internal

quotation marks and citation omitted, emphasis added.) To revoke a valid land use permit, the City must present "evidence substantially supporting a finding of revocation." (*Trans-Oceanic Oil Corp. v. City of Santa Barbara* (1948) 85 Cal. App. 2d 776, 795; see also *Santa Barbara*, 911 F. Supp. 2d at 894 [holding that the City did not "have any **substantial evidence** to support the idea that the health, safety, and welfare of school children would […] be threatened," emphasis added].)

Here, the City must present substantive evidence to support the contention that revocation or limitation of the established land use at the Murphy Site is necessary to the public welfare. However, the City has not identified any such evidence, nor can it do so. As discussed in the July 22, 2026 Letter, the City has no basis to assert that E&B's operations at the Murphy Site have ever constituted a nuisance.[32] The July 22, 2026 Letter examined each of the alleged regulatory notices and conditions listed in the notice of hearing and staff report, and found all complaints to be frivolous and meritless.[33] Indeed, E&B is in compliance with all applicable rules and permit conditions. There is no evidence to support any claim that the Murphy Site adversely affects public health or safety of anyone working or residing in the vicinity. (*Id*., at pp. 2-3 & Attachment 1.) Therefore, the City has failed to, and cannot, present sufficient evidence to show that revocation of the land use is necessary to public welfare, or that the Murphy Site is a public nuisance.

Further, the revocation of the land use must be "appropriately **tailored and limited** to the situation necessitating its enactment." (See *Davidson*, 9 Cal. App. 4th at 649, emphasis added.) "In order to justify the interference with the constitutional right to carry on a lawful business it must be clear the public interests require such interference and that the means employed are **reasonably necessary** to accomplish the purpose and are **not unduly oppressive** on individuals." (*Korean Am. Legal Advoc. Found. v. City of Los Angeles* (1994) 23 Cal. App. 4th 376, 393, fn. 5 ("*Korean*"); see also *Lawton v. Steele* (1894)1 52 U.S. 133, 137.)

Here, the proposed revocation of the established land use at the Murphy Site is far from narrowly tailored. Rather than addressing any specifically identified condition at the Site through targeted mitigation measures, operational limitations, or reasonable permit conditions, the City's proposed action would require the abrupt shutdown of all oil and gas operations at the Site. Such a sweeping termination of a long-standing, permitted use is not appropriately limited to any demonstrated public-welfare need and would impose a far more burdensome restriction than necessary.

3. Revocation of the Vested Land Use of the Murphy Site Violates Due Process Under the U.S. and California Constitution.

Substantive due process addresses improper governmental interference with property rights and irrational actions by government decision-makers. (*Lingle v. Chevron U.S.A. Inc*. (2005) 544 U.S. 528, 541; *Arnel Development Co. v. City of Costa Mesa* (1981) 126 Cal.App.3d 330, 337.) "The due process clauses of the federal and state Constitutions are the most basic substantive

[32] July 22, 2026 Letter, at pp. 1-2, 3-4.

[33] *Id*., at pp. 5-20.

checks on government's power to act unfairly or oppressively." (*Hale v. Morgan* (1978) 22 Cal. 3d 388, 398.)

E&B was afforded a vested right to operate the Murphy Site that "cannot be infringed […] without due process of law." (*Santa Barbara*, 911 F. Supp. 2d 884, 893 ["while the government may infringe upon vested rights under certain circumstances, such rights may only be impaired 'with due process of law'"].) Here, revocation of the established land use at the Murphy Site would violate E&B's due process rights of law under article I, section 7 of the California Constitution and the Due Process Clause of the Fourteenth Amendment to the U.S. Constitution. There is no legitimate interest in terminating oil and gas operations in the Murphy Site, nor is there any legitimate interest in eliminating an oil field that is already regulated, permitted by various government entities, and contributes to the local economy. The proposed revocation or limitation of the current land use would interfere with E&B's vested rights to continue the long-established oil and gas operations at the Site, pursuant to E&B's current and historic operations. There are substantive due process requirements that vested rights cannot be terminated or impaired by ordinary police power regulations and can be revoked or impaired only to serve a "compelling state interest," such as harm, danger, or menace to public health and safety or public nuisance. (See *Korean*, 23 Cal. App. 4th 376, 393, fn. 5 ["When a permittee has acquired such a vested right it may be revoked if the permittee fails to comply with reasonable terms or conditions expressed in the permit granted [citations] or if there is a compelling public necessity."].) The government's interference with vested rights must be narrowly tailored to address the compelling interest. (*Ibid*.)

The City here, however, has not identified any compelling interest sufficient to justify terminating or impairing E&B's vested rights, nor could it do so on the present record. The City has not pointed to any site-specific evidence showing that the Murphy Site constitutes a public nuisance, presents an actual menace to public health or safety, or otherwise creates conditions that would warrant the extraordinary remedy of revoking a long-standing, lawful, and permitted land use. Absent such evidence, the proposed revocation would amount to an arbitrary deprivation of E&B's vested property rights rather than a narrowly tailored exercise of the City's police power.

Further, the City has failed to afford E&B with an amortization period at all. "The government 'may validly provide for the eventual termination of nonconforming uses without compensation if it provides a reasonable amortization period commensurate with the investment involved.'" (*S. Lake Tahoe Prop. Owners Grp. v. City of S. Lake Tahoe* (2023) 92 Cal. App. 5th 735, 753.) "As a general matter, an amortization 'is insufficient only if it puts a business in an impossible position due to a shortage of relocation sites.'" (See *Santa Barbara*, 911 F. Supp. 2d at 894.) Even assuming that an amortization period is appropriate for operations such as oil production, which cannot be relocated and must necessarily operate at the location where the oil reserves are located, the City has not provided any amortization period during which E&B can bring the land use at the Murphy Site into compliance, or to recover all or part of its investment before the use must be discontinued. The City, instead, seeks to abruptly revoke the long-established land use at the Murphy Site and deprive all of its economically viable uses without any amortization provision or just compensation.

Therefore, the proposed revocation of the established land-use at the Murphy Site is unfair and overly oppressive, and violates the due process protection of law.

4. Revocation of the Vested Land Use of the Murphy Site Violates Equal Protection Under the U.S. and California Constitution.

The U.S. and California Constitution guarantee equal protection of the laws and adequate due process. These rights also apply in the land use context. (Cal. Const., Art. 1, § 7(a); U.S. Const. amend V, XIV; *College Area Renters & Landlord Ass'n v. City of San Diego* (1996) 43 Cal.App.4th 677, 686.) The equal protection clause "compels recognition of the proposition that persons similarly situated with respect to the legitimate purpose of the law receive like treatment." (*In re Gary W.* (1971) 5 Cal.3d 296, 303 ["The state may not … arbitrarily accord privileges to or impose disabilities upon one class unless some rational distinction between those included in and those excluded from the class exists."]; see also U.S. Const., 14th Amend., § 1; Cal. Const., art I., § 7.) The constitutional guarantee for equal protection also proscribes a "class of one" which is "intentionally treated differently from others similarly situated and that there is no rational basis for the difference in treatment." (*Willowbrook v. Olech* (2000) 528 U.S. 562, 564.)

Here, the City violates the Equal Protection Clause by singling out the Murphy Site for disparate treatment without any adequate justification. While other similarly situated oil operators exist within the City of Los Angeles, the City seeks to revoke the land use of the Murphy Site alone without any justification. The City has not identified any rational basis for treating the Murphy Site differently from other similarly situated properties or long-standing lawful land uses, particularly where the Site has operated for decades pursuant to City authorization and remains subject to multiple layers of regulatory oversight. Nor has the City identified any site-specific evidence showing that the Murphy Site presents a unique nuisance, public health concern, or safety condition that would justify imposing the extraordinary remedy of revocation on this Site alone. In the absence of such evidence, the proposed action appears arbitrary and discriminatory, rather than a reasoned land-use determination grounded in legitimate public-welfare concerns.

5. Divesting E&B's Vested Right Constitutes A Taking without Just Compensation.

The U.S. and California Constitutions provide that private property shall not be taken without just compensation. (U.S. Const. amend. V; Cal. Const., Art. 1, § 19.) These constitutional protections apply to regulatory takings. (*Lucas v. S.C. Coastal Council* (1992) 505 U.S. 1003, 1014.) "The right to remove oil and gas from the ground is a property right." (*Maples v. Kern Cty. Assessment Appeals Bd.* (2002) 103 Cal.App.4th 172, 186.) Moreover, a land use regulation constitutes to a facial taking of property when it "denies an owner economically viable use of his land" (*id*., at 1016, citations omitted), and the revoking an established land use undoubtedly strips a property owner of "substantial economic use" of their affected property. (See *Maritrans Inc. v. U.S.* (2003) 342 F.3d 1344, 1351-52.)

"[A] takings claim is 'rooted in the notions of adequate compensation and economic restitution.'" (*Weinberg v. Whatcom County* (9th Cir.2001) 241 F.3d 746, 752.) "If the [government's measure] had resulted in Plaintiff losing all enjoyment of its business and suffering property loss, Plaintiff would have a claim for compensation under the Takings Clause." (*Santa Barbara*, 911 F. Supp. 2d 884, 895–96; see also *Hansen Bros. Enters., Inc. v. Bd. of Supervisors*

(1996) 12 Cal. 4th 533, 551–52 [if the government "effects an unreasonable, oppressive, or unwarranted interference with an existing use, or a planned use for which a substantial investment in development costs has been made, the [government's action] may be invalid as applied to that property unless compensation is paid"].)

Here, E&B has vested property rights to develop and produce oil ang gas resources, consistent with historical uses and its ownership in mineral rights and right to continue its operations at the Murphy Site. There are many years of oil and minerals yet to be extracted from E&B's mineral rights and leases, and E&B's reasonable, investment-backed expectation was that it would continue to produce and develop oil and gas until its leased and owned assets are no longer capable of producing oil and gas in commercial quantities. The City's proposed revocation or limitation of the current land use, if approved, serves to affect an unconstitutional taking of E&B's property as an owner and lessee of the mineral rights and as an oil and gas operator, along with the property of other landowners and mineral rights holders in connection with E&B's leasehold interests.

III. CONCLUSION

Although E&B welcomes the opportunity for continued cooperation with the City to address the concerns and apparent confusion concerning its operations, we remain dismayed that the City has commenced these proceedings with such a glaring absence of facts to support the serious findings that would have to be made to support a revocation. As you know, Section 13B. 6.2 of Los Angeles Municipal Code provides the standard of proof to revoke an established land use, and the Zoning Administrator "***shall"*** make all three of the following findings in support of any revocation or modification:

(1) the determination does not impair the constitutional rights of any person;
(2) prior governmental efforts to cause the owner or operator to eliminate the problems associated with the land use or discretionary zoning approval have failed; and
(3) the owner or operator has failed to demonstrate, to the satisfaction of the Zoning Administrator, the willingness or ability to eliminate the problems associated with the land use or discretionary zoning approval.

Based on the record before you, the Zoning Administrator cannot make any of the required findings here. And furthermore, to make such findings in the face of the facts and constitutional considerations at issue would be an arbitrary and capricious action that could not withstand judicial scrutiny. That said, we trust that a tempered and holistic review of the record, and adherence to the mandates of the City's ordinance, will support a conclusion that this proceeding should be closed without adverse action taken on the Use Permit.

Sincerely,

Maya Lopez Grasse

MLG:dtc

Cc: planning.oildrilling@lacity.org
Attachments 1-13
Appendix 1

Attachment 1

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Jennifer Lucchesi, Director
715 P Street, MS 1803
Sacramento, CA. 95814
T: (916) 445-5986

Inspection Summary

Inspection Information

Inspection ID	Inspection Type	Inspection Date	Inspection Name	Follow-Up Date
12452616	Environmental Lease Inspection	1/28/2026	RJ Mejia	

Compliance Summary

New Violation(s)	Resolved Violation(s)	Unresolved Violation(s)
0	0	0

Operator Information

Operator Code	Operator Name
E0100	E & B Natural Resources Management Corporation
Agent Name	Greg Youngblood
Agent Address	1608 Norris Road

City	Bakersfield	State	CA	Zip Code	93308

Inspected Subject(s)

See list of Inspected Subjects on subsequent page.

Inspection Document(s)

No documents were uploaded during this inspection.

New Violation(s)

No violations were identified during this inspection.

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Jennifer Lucchesi, Director
715 P Street, MS 1803
Sacramento, CA. 95814
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Inspected Subject(s)					
Field	**Lease**	**Subject ID**	**Subject Name**	**Subject Type**	**Form Name**
Las Cienegas	Murphy	0403700377	Murphy 9	Well	UIC Well Inspection
Las Cienegas	Murphy	0403730129	Murphy 37	Well	UIC Well Inspection
Las Cienegas	Murphy	0403700291	Murphy 10	Well	UIC Well Inspection
Las Cienegas	Murphy	0403720954	Murphy 20	Well	UIC Well Inspection
Las Cienegas	Murphy	90299423	Murphy Drill Site	Setting	Environmental Facility Inspection
Las Cienegas	Murphy	0403726957	Murphy 30	Well	UIC Well Inspection
Las Cienegas	Murphy	0403721222	Murphy 25	Well	UIC Well Inspection
Las Cienegas	Murphy	0403700370	Murphy 2	Well	UIC Well Inspection
Las Cienegas	Murphy	0403721224	Murphy 27	Well	UIC Well Inspection
Las Cienegas	Murphy	24303	V-300 Outlet Gas Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19163	V17 Sales Gas Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24296	V90 Fuel Gas Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8383	T43 MultiTreat - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24290	V81 Stabilizer Reboiler	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24305	V-320 Amine Surge Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24297	V91 NGL Tank	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8367	T5 Slop Tank	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8364	T1 Stock Tank	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8389	V9 Glycol Scrubber	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8379	T23 PhaseTreat -	Tank	Environmental

			plastic		Facility Inspection
Las Cienegas	Murphy	8381	T32 - Deionized Water - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24292	V86 Refrigerant Skid Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8376	T18 Scavenger - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8387	V6 Test Separator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8382	T33 Diethanolamine - plastic tote	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24286	V73 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8369	T7	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8365	T2 Produced Water	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24307	H-770 Amine Still Reboiler	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8378	T21 FlocTreat - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24306	V-330 Still Overhead Condenser	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8375	T17 Green Apple Odorant - Plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24308	UO-405C Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24284	V71 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8386	V5 Test Separator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8368	T6 Degreaser - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24294	V88 Refrigerant Skid Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24282	V67 Gas Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24293	V87 Refrigerant Skid Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8377	T19 Biocide - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8374	T16 Lube Oil	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	19165	V61 Sweet Gas KOP	Vessel	Environmental Facility Inspection

Las Cienegas	Murphy	19162	Baker Tank 2	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24295	V89 Refrigerant Skid Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24288	V75 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24289	V80 Cold Separator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24298	V95 Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8384	V1 Free Water Knockout	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24299	V96 Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19449	V65 3rd Stage Discharge Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19450	V66 PSA Inlet Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8371	T10 Mercaptin Odorant vessel	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8373	T15 Glycol	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24304	V-310 Amine Flash Vessel	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24291	V85 Separator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8370	T8 Sulfuric Acid - plastic	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8372	T14 Glycol	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24283	V70 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24302	V-100 Inlet Gas Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19161	V11 Suction Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8388	V8 Glycol Regenerator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24300	V-1500 Amine Contactor	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19164	Baker Tank 1	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	24285	V72 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	8366	T3 Produced Water	Tank	Environmental Facility Inspection

Las Cienegas	Murphy	8380	T25	Tank	Environmental Facility Inspection
Las Cienegas	Murphy	8385	V4 Test Separator	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	19160	V10 HP Scrubber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24287	V74 PSA Absorber	Vessel	Environmental Facility Inspection
Las Cienegas	Murphy	24301	V-1600 Amine Still	Vessel	Environmental Facility Inspection

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Jennifer Lucchesi, Director
715 P Street, MS 1803
Sacramento, CA. 95814
T: (916) 445-5986

Inspection Summary

Inspection Information

Inspection ID	Inspection Type	Inspection Date	Inspection Name	No. of Violations	Follow-Up Date
12452349	Environmental Lease Inspection	1/28/2026	Javier Vasquez	0	

Compliance Summary

New Violation(s)	Resolved Violation(s)	Unresolved Violation(s)
0	0	0

Operator Information

Operator Code	Operator Name
E0100	E & B Natural Resources Management Corporation
Agent Name	Greg Youngblood
Agent Address	1608 Norris Road

City	Bakersfield	State	CA	Zip Code	93308

Inspected Subject(s)

See list of Inspected Subjects on subsequent page.

Inspection Document(s)

No documents were uploaded during this inspection.

New Violation(s)

No violations were identified during this inspection.

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Jennifer Lucchesi, Director
715 P Street, MS 1803
Sacramento, CA. 95814
T: (916) 445-5986

Inspected Subject(s)					
Field	**Lease**	**Subject ID**	**Subject Name**	**Subject Type**	**Form Name**
Las Cienegas	Murphy	90299423	Murphy Drill Site	Setting	Gas Leak Detection
Las Cienegas	Murphy	24305	V-320 Amine Surge Vessel	Vessel	Gas Leak Detection
Las Cienegas	Murphy	19164	Baker Tank 1	Tank	Gas Leak Detection
Las Cienegas	Murphy	8373	T15 Glycol	Tank	Gas Leak Detection
Las Cienegas	Murphy	24303	V-300 Outlet Gas Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24302	V-100 Inlet Gas Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8379	T23 PhaseTreat - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	24296	V90 Fuel Gas Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24289	V80 Cold Separator	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24290	V81 Stabilizer Reboiler	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8372	T14 Glycol	Tank	Gas Leak Detection
Las Cienegas	Murphy	24284	V71 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24285	V72 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8388	V8 Glycol Regenerator	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8387	V6 Test Separator	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24300	V-1500 Amine Contactor	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8364	T1 Stock Tank	Tank	Gas Leak Detection
Las Cienegas	Murphy	8386	V5 Test Separator	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8371	T10 Mercaptin Odorant vessel	Tank	Gas Leak Detection
Las Cienegas	Murphy	19160	V10 HP Scrubber	Vessel	Gas Leak

					Detection
Las Cienegas	Murphy	24283	V70 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	19449	V65 3rd Stage Discharge Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24297	V91 NGL Tank	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24307	H-770 Amine Still Reboiler	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8378	T21 FlocTreat - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	8375	T17 Green Apple Odorant - Plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	19450	V66 PSA Inlet Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8389	V9 Glycol Scrubber	Tank	Gas Leak Detection
Las Cienegas	Murphy	8385	V4 Test Separator	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8384	V1 Free Water Knockout	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8369	T7	Tank	Gas Leak Detection
Las Cienegas	Murphy	24287	V74 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24304	V-310 Amine Flash Vessel	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8381	T32 - Deionized Water - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	8382	T33 Diethanolamine - plastic tote	Tank	Gas Leak Detection
Las Cienegas	Murphy	19161	V11 Suction Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8374	T16 Lube Oil	Tank	Gas Leak Detection
Las Cienegas	Murphy	8383	T43 MultiTreat - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	19163	V17 Sales Gas Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8368	T6 Degreaser - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	8370	T8 Sulfuric Acid - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	19162	Baker Tank 2	Tank	Gas Leak Detection

Las Cienegas	Murphy	24299	V96 Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8366	T3 Produced Water	Tank	Gas Leak Detection
Las Cienegas	Murphy	24301	V-1600 Amine Still	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24286	V73 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24288	V75 PSA Absorber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8365	T2 Produced Water	Tank	Gas Leak Detection
Las Cienegas	Murphy	24306	V-330 Still Overhead Condenser	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24282	V67 Gas Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	24298	V95 Scrubber	Vessel	Gas Leak Detection
Las Cienegas	Murphy	8376	T18 Scavenger - plastic	Tank	Gas Leak Detection
Las Cienegas	Murphy	8380	T25	Tank	Gas Leak Detection

California
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Geologic Energy Management Division

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Inspection Summary

Inspection Information

Inspection ID	Inspection Type	Inspection Date	Inspector Name	Follow up Date
12452614	Safety System Inspection	1/28/2026	RJ Mejia	

Compliance Summary

New Violation(s)	Resolved Violation(s)	Unresolved Violation(s)
0	0	0

Operator Information

Operator Code	Operator Name
E0100	E & B Natural Resources Management Corporation
Agent Name	Greg Youngblood
Agent Address	1608 Norris Road

City	Bakersfield	State	CA	Zip Code	93308

Inspected Subject(s)

Field	Lease	Subject ID	Subject Name	Subject Type	Form Name
Las Cienegas	Murphy	90299423	Murphy Drill Site	Setting	Safety System Inspection/Spill Drill

Inspection Document(s)

No documents were uploaded during this inspection.

New Violation(s)

No violations were identified during this inspection.

Attachment 2

2026

E&B NATURAL RESOURCES

Murphy Lease Visitor's Log

Date	Time-In	Name of the Visitor	Company	Mobile Phone number	Time-Out	Reason for Visit
8/11/26	7:00	Alex Diaz	SLB	(714) 417-3621	2:00	HPS
8/11/26	7:00	Tristan Jovanov	SLB	" "	2:00	HPS
8-11-26	7:48	Randy	DSIS		1:15	Mech
8-11-26	7:48	Chuy	DSIS		1:15	Mech
8-11-26	7:30	Freddy Gonzalez	EWS	(310) 536 6910		well work
8-11-26	7:30	Juan Alvarez	EWS	"		well work
8-11-26	7:30	Daniel Aguilar	EWS	"		well work
8-11-26	7:30	Francisco Garcia	EWS	"		well work
8-12-26	7:00	TRISTAN JOVANOV	SLB	9084162915	2:10	HPS
8-12-26	7:00	ALEX DIAZ	SLB	"	2:10	HPS
~~8-12-26~~	~~7:30~~					
8-12-26	7:30	Jesus Benitez	DSIS		2:00	Mech
8-12-26	7:30	Randy	DSIS		2:00	Mech
8/12/26	7:30	Freddy	EWS	(310) 536-6910		Rig work
8/12/26	10:30 A.	Gerard Ryan	D.KES	(562) 900 8880	11:30 AM	Dez.
8/12/26	12:48	Amber Gonzalez	SCAQMD	(909) 396-2043	13:17	odor complaint
8/12/26	4:00 PM	Nolan Martinez	DKES	714 292 5290	5:30	Chemical
8/13/26	6:24 am	Uriel Romero	ChemPro	(531) 530761	6:55	Services
8-13-26	0710	Marcos Segura	PFT Alexand	(562) 310-1197	1000	Proving
8/14/26	06:25	Minh Do - Khoi Do	DSE	(714) 244 0419		Electrical
8/14/26	7:30	Freddy Gonzalez	EWS	(310) 536-6910		well work
8/14/26	7:30	Juan Alvarez	EWS	"		"
8/14/26	"	Daniel Aguilar	"	"		"
8/14/26	"	Francisco Garcia	"	"		"
8/14/26	10:00	Will Campuzano	National Corrosion	(562) 208-2727	12:00	Crimson Survey
8/17/26	6:00	Trevor Woods	E+B	3236013834	1:50	Cleaning
8/17/26	6:30	Justin Jackson	E+B	562844-1331	1:50	Cleaning
8/17/26	6:30	Miguel A Cruz	E&B	[illegible]	1:50	Cleaning
8-17-26	6 AM	RUDY ARBISO	E&B	6573272816		Cleaning
8-17-26	6 AM	A Velasquez	E&B	323) 394-5169		
8-17-26	7:30	Daniel Aguilar	EWS			Rig work
8-17-26	7:30	Francisco Garcia	EWS			Rig work
8-17-26	7:30	Juan Alvarez	EWS			Rig work
8-17-26	7:30	Freddy Gonzales	EWS			Rig work
8-17-26	8:00	Randy	DSIS			Mech
8-17-26	8:00	Austin	DSIS			Mech

Attachment 3

Los Angeles Fire Department - Official Inspection Report
ABOVE GROUND STORAGE TANK (Tier I)
FACILITY INSPECTION
200 N. Main Street
Los Angeles, CA 90012
(213) 978-3680

INSPECTOR NAME:	PHONE:	DISTRICT:	FIRE STATION:	APN:	NOTICE#:	INSPECTION DATE:
Gabriel Martinez	(213) 264-8156		026	5052032010	DA0RRDVU8	11/18/2025

ROBERT HUDSON

E&B CORP - MURPHY
2126 W ADAMS BLVD
LOS ANGELES, CA 90018
(323) 816-1528

CERS ID: 10398883
FACILITY ID: FA0032550
RECORD ID: PR0127297

NVO = No Violation Observed OUT = Out of Compliance NA = Not Applicable UD = Undetermined COS = Corrected On Site RPT = IsRepeatViolation VDG = ViolationDegree

Requirement to Prepare and Implement

1 SPCC has been prepared
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

2 SPCC plan has been prepared that meets all applicable requirements
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

3 SPCC has been implemented
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

4 SPCC onsite If facility staffed 4 hrs/day, or at the nearest field office if not so attended
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

5 SPCC Plan and all required records/documentation available for review during normal working hours
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

8 Qualified Facility's SPCC plan has been self or PE certified.
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

9 Facility prepared appropriate SPCC when no longer meeting Tier I/II requirements
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

SPCC Amendments

10 Facility has amended SPCC as necessary
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

11 SPCC has been implemented within 6 months of amendment
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

13 Tier I Qualified Facility has certified tech amendments.
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Five Year Review

15 5 year review performed on SPCC and documented
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Violation Comments:
SPCC LAST CERTIFIED ON 02-17-2025

General SPCC Requirements

16 SPCC in writing, follows code seq/cross ref, good eng practice, mgt approval, items not in place
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Facility Description/Storage/Diagram

22 SPCC Plan addresses the type of oil and storage capacity for all fixed and portable containers
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Los Angeles Fire Department - Official Inspection Report
ABOVE GROUND STORAGE TANK (Tier I)
FACILITY INSPECTION
200 N. Main Street
Los Angeles, CA 90012
(213) 978-3680

BUSINESS:	FACILITY ID:	NOTICE#:	INSPECTION DATE:
E&B CORP - MURPHY	FA0032550	DA0RRDVU8	11/18/2025

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General SPCC Requirements

Discharge Reporting/Response/Disposal/Prediction

25 SPCC Plan addressed countermeasures for discharge discovery, response and cleanup
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

27 SPCC contains procedures for reporting a discharge
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

28 SPCC organized so discharge procedures are readily usable if the facility has no response plan
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

30 SPCC contains a prediction of direction and total quantity of oil potentially discharged
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Containment

31 SPCC addresses the appropriate general containment/diversionary structures/equipment
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

32 Appropriate (general) containment/diversionary structures/equipment have been provided
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Training

37 Employee training and spill prevention briefings discussed in SPCC plan
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

38 Training provided to all oil-handling personnel and records maintained for 3 years
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

39 Person has been designated as accountable for discharge prevention and reports to management
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

40 Spill prevention briefings are conducted annually and records maintained for 3 years
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Security

41 SPCC addresses security measures-lighting, access to handling/storage, valves/pumps/transfer equip
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

42 Handling areas, valves, pumps/starter controls, load/unload connections secured, lighting adequate
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Oil-Filled Operation Equipment

48 Oil filled operational equipment containment standards are met
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

SPCC Requirements for Onshore Facilities

Drainage

49 Facility drainage or drainage controls adequately discussed
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

50 Facility drainage adequately restrained unless conditions met
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

BUSINESS:	FACILITY ID:	NOTICE#:	INSPECTION DATE:
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SPCC Requirements for Onshore Facilities

51 Valves used for drainage are manual (not flapper-type) to prevent a discharge
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Bulk Storage Container-SPCC Plan/Compatibility

54 Adequate discussion of all bulk storage containers located at the facility
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

55 Material and construction of all containers are compatible with the material stored
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

56 No tank designed and intended for underground use is being used as an AST
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

57 No rail cars, tank cars, or tank vehicles used as a storage tank in a permanent/fixed installation
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Secondary Containment

59 All bulk storage containers have secondary containment to prevent a discharge at Tier I facility
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

60 Secondary containment and leak detection provided for TIUGA piping if not viewable on all sides
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Drainage Inspections/Records

62 Rainwater in diked areas is inspected before draining
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

63 Records maintained of drainage from diked areas
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Cathodic Protection

64 Buried section of partially buried or bunkered metallic tank has corrosion protection
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

65 All piping and supporting components associated with AST are protected from external corrosion
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Inspections & Testing

66 SPCC discusses procedures to test/inspect storage containers for integrity per industry standards
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

67 Tanks inspected and tested by qualified person in accordance with industry standards
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

68 Aboveground containers tested or inspected for integrity based on industry standards
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

69 TIUGAs meet requirements for direct viewing or inspections/ leak detection
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

70 Written Inspection/testing procedures kept, inspection/testing records signed, kept for 3 years
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

BUSINESS:	FACILITY ID:	NOTICE#:	INSPECTION DATE:
E&B CORP - MURPHY	FA0032550	DA0RRDVU8	11/18/2025

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SPCC Requirements for Onshore Facilities

Overfill Prevention

73 SPCC plan adequately describes overfill prevention methods, including system or procedures used

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

74 Overfill prevention systems or procedures are used and tested routinely to ensure proper operation

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Response to Release

78 Visible discharges promptly corrected and any accumulation of oil in diked areas promptly removed.

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Piping

80 SPCC Plan discusses aboveground piping, buried piping, piping inspections, and vehicle warnings

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

85 Aboveground valves, piping, and appurtenances are regularly inspected

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

86 Integrity/leak tested buried piping when installed, modified, constructed, relocated, or replaced

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Excluded TIUGA Requirements

88 Excluded TIUGA <55 gal has secondary containment, inspected monthly and log of inspections kept

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Oil Filled Electrical Equipment

89 Oil filled electrical equipment exclusions have been met, and where not met is included in SPCC plan

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

General Facility Requirements

91 Tank Facility Statement or Business Plan has been submitted

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

92 Annual submittal of APSA Facility Information has been completed and is accurate

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

93 APSA Facility Information has been updated in CERS within 30 days of request by UPA

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

94 Spills/releases of 42 gallons or more of petroleum reported upon discovery to Cal OES & UPA or 911

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

95 APSA program fee paid

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

96 All/any permanently closed tanks are properly closed under the definition in 40 CFR 112.2

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

97 Substantial Harm Criteria certification maintained at the facility as required

■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Los Angeles Fire Department - Official Inspection Report
ABOVE GROUND STORAGE TANK (Tier I)
FACILITY INSPECTION
200 N. Main Street
Los Angeles, CA 90012
(213) 978-3680

BUSINESS:	FACILITY ID:	NOTICE#:	INSPECTION DATE:
E&B CORP - MURPHY	FA0032550	DA0RRDVU8	11/18/2025

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General Facility Requirements

98 Administration/Documentation - General
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

99 Administration/Documentation - General Local Ordinance
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

100 Training - General
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

101 Training - General Local Ordinance
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

102 Operations/Maintenance - General
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

103 Operations/Maintenance - General Local Ordinance
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

104 Release/Leaks/Spills - General
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

105 Release/Leaks/Spills - General Local Ordinance
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

106 Abandonment/Illegal Disposal/Unauthorized Treatment - General
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

107 Abandonment/Illegal Disposal/Unauthorized Treatment - General Local Ordinance
■ NVO ☐ OUT ☐ NA ☐ UD ☐ COS ☐ RPT

Overall Inspection Comments

Consent to enter, inspect, and take photographs was given by: Robert Hudson

Documents uploaded to CERS were reviewed and field verified. The Spill Prevention Control and Countermeasure plan and related inspection and testing logs were reviewed on site. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation.

NOTE:

The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. The California Health and Safety Code (CHAPTER 6.67 SECTION 25270) requires that facilities meeting either of the following requirements be added to the APSA (Aboveground Petroleum Storage Act) program and comply with the regulations set forth in the CHSC. Storage of any liquid petroleum based product stored in above ground tanks 55 gallons or greater that either; have a total storage capacity of 1320 gallons or greater or; are stored below grade.

**********Upon the resolution of all the above mentioned violations, please respond via email to the issuing inspector to have the corrections reviewed and the violations cleared. **********

Los Angeles Fire Department - Official Inspection Report
ABOVE GROUND STORAGE TANK (Tier I)
FACILITY INSPECTION
200 N. Main Street
Los Angeles, CA 90012
(213) 978-3680

BUSINESS:	FACILITY ID:	NOTICE#:	INSPECTION DATE:
E&B CORP - MURPHY	FA0032550	DA0RRDVU8	11/18/2025

Reports emailed to:

sgriffis@ebresources.com
ricky.bautista@ebresources.com

This report shall serve as a “NOTICE TO COMPLY” for Minor Violations, and a “NOTICE OF VIOLATION” for Major violations. Formal enforcement and/or penalty assessment may be initiated for any violations noted, and for those not corrected in a timely manner. You are, hereby, ordered by the Fire Chief to correct the above noted violations **WITHIN 30 DAYS, OR FORTHWITH IF INDICATED IN THE CORRECTION SUMMARIES PROVIDED.**

All businesses within the City of Los Angeles that store or handle hazardous materials above reportable quantities are required to submit a Hazardous Materials Business Plan (HMBP) annually to CERS cers.calepa.ca.gov. Any business that submits after the March 1st deadline may be subject to a late submittal fee of $500.00, pursuant to the Los Angeles Municipal Code (L.A.M.C.), and/or enforcement action, pursuant to California Health and Safety Code (H&SC), Section 25508(a)(3).

Customer Feedback Survey

Please take a moment to participate in our Los Angeles Fire Department CUPA customer feedback survey by utilizing the link below:
https://www.surveymonkey.com/r/CUPAFEEDBACK

LAFD CUPA information

For further information or questions please visit the following link:
https://www.lafd.org/fire-prevention/cupa

Signatures

Robert Hudson
Operator

Gabriel Martinez
FIRE INSPECTOR I
(213) 264-8156

Attachment 4

Inspections for All Facilities

Drag a column header and drop it here to group by that column

CERS ID	Facility Name	Occurred On	Program	Type	# Vios	RTC Date	Status
10243504	HILLCREST-BEVERLY OIL CORP - RANCHO	6/30/2026	HW	Other	0		Approved
10243504	HILLCREST-BEVERLY OIL CORP - RANCHO	6/12/2026	HW	Routine	1	6/30/2026	Approved
10241161	E&B Natural Resources Management - Westport	6/9/2026	HMRRP	Routine	0		Approved
10247665	E&B Natural Resources - Spring	6/9/2026	HMRRP	Routine	0		Approved
10256959	E&B Natural Resources - Figueroa	6/9/2026	HMRRP	Routine	0		Approved
10262320	E&B NATURAL RESOURCES - STERLING 1 & 28	6/9/2026	HMRRP	Routine	0		Approved
10262323	E&B Natural Resources - STERLING 29 & 30	6/9/2026	HMRRP	Routine	0		Approved
10262326	E&B Natural Resources - United	6/9/2026	HMRRP	Routine	0		Approved
10688419	South Torrance Unit	6/9/2026	HMRRP	Routine	0		Approved
10398883	Murphy	5/1/2026	HW	Other	0		Approved

Export To Excel

1 2 3 4 5 6 7 8 9 10 ... Page 1 of 18 10 items per page 1 - 10 of 177 items

Attachment 5

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

PERMIT TO OPERATE

Permit No.
G59305
A/N 616597

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

ID 191119

Legal Owner or Operator:

E&B NATURAL RESOURCES MANAGEMENT CORP
249 E OCEAN BLVD, STE 900
LONG BEACH, CA 90802-8806

Equipment Location: 2126 W ADAMS BLVD, LOS ANGELES, CA 90018-2039

Equipment Description :

CRUDE OIL/GAS/WATER SEPARATION SYSTEM CONSISTING OF:

1. FIVE LOW PRESSURE TEST SEPARATORS, V2, V3, V4, VS AND V6, EACH 3'-0" DIA. X 12'-0" L., 20 BBL CAPACITY, VENTED TO A VAPOR RECOVERY SYSTEM.

2. UNFIRED HEATER TREATER, V1, 10'-0" DIA. X 30'-0" L., 500 BBL CAPACITY, VENTED TO A VAPOR RECOVERY SYSTEM.

3. WASTEWATER HOLDING TANK, T2, 22' DIA. X 16' H., 1000 BBL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

4. CRUDE OIL SHIPPING TANK, T1, 22'-0" DIA. X 8'-0" H., 500 BBL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

5. WASTEWATER HOLDING TANK, T3, 16'-0" DIA. X 8'-0" H., 250 BBL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

6. PRODUCED WATER TANK, T5, 9'-0" DIA. X 16'-0 H., 250 BBL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

7. WASTEWATER TANK, TI7, 8'-0" W. X 36'-0" L. X 8'-0" H., 500 BBL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

8. LOW PRESSURE MAIN INTAKE SCRUBBER, VI 1, 4'-0" DIA. X 10'-0" H.

9. NO. 3 GAS COMPRESSOR, WHITE-WESTINGHOUSE, RECIPROCATING, FOUR STAGE WITH A 500 HP ELECTRIC MOTOR, FOUR INTAKE SCRUBBERS, A 5 HP FIN-FAN COOLER, A 1 HP JACKET WATER PUMP, AND A 3/4 HP LUBE OIL PUMP.

10. NO. 4 GAS COMPRESSOR, WHITE-WESTINGHOUSE, RECIPROCATING, FOUR STAGE WITH A 500 HP ELECTRIC MOTOR, FOUR INTAKE SCRUBBERS, A 5 HP FIN-FAN COOLER, A 1 HP JACKET WATER PUMP, AND A 1 HP LUBE OIL PUMP.

11. TWO VAPOR RECOVERY COMPRESSORS, #1 AND #2, INGERSOLL-RAND, EACH 10 HP.

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South Coast Air Quality Management District
Certified Copy

12. VAPOR RECOVERY COMPRESSOR, #3, INGERSOLL-RAND, 10 HP, WITH A SCRUBBER, 2'-0" DIA. X 6'-0" H.

13. VAPOR RECOVERY COMPRESSOR, #4, INGERSOLL-RAND, 10 HP, WITH A MUFFLER, ALARM SYSTEM AND SCRUBBER.

14. TWO VAPOR RECOVERY COMPRESSORS, #5 AND #6, INGERSOLL-RAND, EACH 10 HP.

15. GLYCOL REGENERATOR, 3'-0" DIA. X 10'-0" L., 1,000,000 BTU/HR, PROCESS GAS FIRED, WITH 1'-0" DIA. X 6'-0" STILL SECTION.

16. PRESSURE RELIEF STACK, 2'-0" DIA. X 12'-0" H., WITH LINE SCRUBBER, MUFFLER AND ALARM SYSTEM.

17. FOUR INDUCED-GAS FLOATATION CELLS, ANDERSONICS, MODEL X-CELL 3000, EACH 3'-6" DIA. X 5'-0" H., 300 GALLON CAPACITY EACH, EACH VENTED TO A VAPOR RECOVERY SYSTEM.

18. EFFLUENT WATER SUMP, 7'-0" W. X 7'-0" L. X 7'-0" H., WITH COVERED HATCH.

19. SKIM OIL TANK, ABOVEGROUND, 3'-8" W. X 11'-0" L. X 6'-3" H., VENTED TO A VAPOR RECOVERY SYSTEM.

20. SALES GAS SCRUBBER, 1'-6" DIA. X 6'-6" H.

21. DISCHARGE SCRUBBER, V65, 1'-2" DIA. X 6'-0" H.

22. GAS PURIFICATION SYSTEM, QUESTAIR M-3100, FAST CYCLE PRESSURE SWING ADSORPTION, WITH AN INLET SCRUBBER, V66, 12'-0" DIA. X 6'-10" H., AND SIX ADSORBER BEDS, V70, V71, V72, V73 V74 AND V75, EACH 2'-0" DIA. X 10'-0" H.

23. RECOMPRESSION GAS COMPRESSOR, GC6, LEROI, SCREW, MODEL HGS 17222 VIE, WITH A 200 BHP ELECTRIC MOTOR, A SUCTION SCRUBBER, V95, 2'-0" DIA. X 5'-0" H., AND A TAIL GAS/LUBE OIL COOLER, E6, 10 HP.

24. EXHAUST GAS SCRUBBER, V67, 1'-8" DIA. X 8'-0" H.

25. REFLUX STABILIZATION SYSTEM, CONSISTING OF:

    A. GAS/GAS EXCHANGER, E11

    B. CHILLER (R-22), E10

    C. SEPARATOR, V85

    D. REFLUX PUMP, P13, 1 HP

    E. CHILLER COMPRESSOR, GC7

    F. OIL SEPARATOR, V89

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26. GAS LOW TEMPERATURE SEPARATION SYSTEM CONSISTING OF:

A. HEAT EXCHANGER, GAS/GAS, E-1

B. HEAT EXCHANGER, GAS/LIQUID, E-2

C. HEAT EXCHANGER, GAS CHILLER (R-22), E-3

D. VESSEL, COLD SEPARATOR, V-1, 2'-6" DIA. X 8'-0" L., WITH A GLYCOL DRAIN BOOT, 1'-6" DIA.,

E. TOWER, PRODUCT STABILIZER, C-1, 1'-4" DIA. X 8'-0" H.

F. HEAT EXCHANGER, STABILIZER TOWER REBOILER (UNFIRED), E-5, 1'-6" DIA. X 8'-6" L.

G. STORAGE TANK, NATURAL GAS LIQUIDS, 3'-0" DIA. X 18'-0" L., 200 BBL CAPACITY, VENTED TO A VAPOR RECOVERY SYSTEM.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THE FACILITY SHALL NOT BE OPERATED UNLESS THE LOW PRESSURE TEST SEPARATORS, THE UNFIRED HEATER TREATER, THE GAS FLOATING CELLS, THE NATURAL GAS LIQUIDS STORAGE TANK, THE WASTE WATER HOLDING TANK, SKIM OIL TANK, PRODUCED WATER HOLDING TANKS, CRUDE OIL SHIPPING TANK, ARE ALL VENTING TO THE VAPOR RECOVERY SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.

4. THE OPERATOR SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF RULES 463, 464, 466, 466.1, 1148.1, 1173 AND 1176.

5. DURING OPERATION, THE SUMP OIL TANK SHALL ONLY VENT TO THE VAPOR RECOVERY SYSTEM.

6. RECORDS REQUIRED BY RULE 1173 SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE EXECUTIVE OFFICER. THE RECORDS SHALL BE KEPT IN A FILE FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

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South Coast Air Quality Management District
Certified Copy

PERMIT TO OPERATE

NOTICE

In accordance with Rule 206, this Permit to Operate or copy shall be posted on or within 8 meters of the equipment.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the applicable Rules and Regulations of the South Coast Air Quality Management District (SCAQMD). This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

Executive Officer

Amir Dejbakhsh

BY AMIR DEJBAKHSH/LK04
10/25/2019

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Attachment 6

RULE 1173 COMPONENT LEAK REPORT (FORMERLY FORM C)

Please submit all Rule 1173 reports electronically to: Rule1173Reports@aqmd.gov

YEAR: 2026 QUARTER: Q1 (Jan-Mar)

Company / Facility Name:	E&B Natural Resources Murphy	Facility ID#:	191119	Report Date:	4/15/2026 8:21:38 AM
Fac. Address:	2126 West Adams Boulevard		City/Zip:	Los Angeles, CA 90007	
Contact Name:	Louis Zylstra Jr.	Phone:	7143259502	Email:	lzylstra@ebresources.com

Component Data				Leak Data				Repair Data					
ID	Type	Svc	Location	Date/Time	ppm	Visible Leak?	Visible Vapor?	Repair Action	Date	ppm	Visible Leak?	Visible Vapor?	Comments/Notes
3386100006	Other (W) - 16.00"	G/V	Well Cellar - M - 11	3/24/2026 12:45 PM	8000	N/A	N/A	Tighten Connection	3/24/2026	46	N/A	N/A	PPM Monitor
90375.01	Valve - 0.5" - Valve - Ball	G/V	Gas Plant - V - 320	3/24/2026 9:44 AM	773	N/A	N/A	Tightened Valve Stem	3/24/2026	39.1	N/A	N/A	PPM Monitor
90799.00	Valve - 1" - Valve - Ball	G/V	Gas Plant - V - 310	3/24/2026 12:12 PM	489	N/A	N/A	Resolved - Otherwise Altered	3/24/2026	8	N/A	N/A	PPM Monitor

*Service= Use LL or HL for light or heavy Liquid

**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

RULE 1173 STATISTICS SUMMARY SHEET (FORMERLY FORM D)

YEAR: 2026 QUARTER: Q1 (Jan-Mar)

Please submit all Rule 1173 reports electronically to:
Rule1173Reports@aqmd.gov

Company / Facility:	E&B Natural Resources Murphy	Facility ID#:	191119	Report Date:	4/15/2026 7:45:11 AM
Facility Address:	2126 West Adams Boulevard	City/Zip:	Los Angeles, CA 90007		
Contact Name:	Louis Zylstra Jr.	Phone:	7143259502	Email:	lzylstra@ebresources.com

Components			General Data			AVO	Analyzer (Method 21)		
Type (service)	**Notes**	**Leak Std (ppm)**	**Total # Components**	**Total # Inaccessible Components**	**Total # Delayed Repair Components**	**# Component Visible Leaks**	**# Component Inspections**	**# Component Leaks > Leak Std**	**# Component Leaks > 10K ppm**
Valve (gas/vapor or light liquid)	External Actuator and Associated Connector/Flange	100	98	0	0	0	98	2	0
Fitting (gas/vapor or light liquid)	Connector-type	100	87	0	0	0	87	0	0
	Flange-type	100	12	0	0	0	12	0	0
Compressor (gas/vapor)	Compressor Seal and Associated Connector/Flange	400	3	0	0	0	3	0	0
Pump (light liquid)	Pump Seal and Associated Connector/Flange	400	0	0	0	0	0	0	0
Pump (heavy liquid)	Pump Seal and Associated Connector/Flange	100	0	0	0	0	0	0	0
Atmospheric Process PRD (gas/vapor or light liquid)	PRV, Rupture Disc, and Associated Connector/Flange	200	0	0	NA	0	0	0	0
Non-Atmospheric Process PRD (gas/vapor or light liquid)	PRV, Rupture Disc, and Associated Connector/Flange	200	3	0	NA	0	3	0	0
Other (gas/vapor or light liquid)	Diaphragm	100	2	0	NA	0	2	0	0
	Hatch	100	3	0	NA	0	3	0	0
	Sight Glass	100	5	0	NA	0	5	0	0
	Meter	100	4	0	NA	0	4	0	0
	Miscellaneous	100	35	0	NA	0	35	1	0
Fin Fan (gas/vapor light liquid, or heavy liquid)	Air-Cooled Heat Exchanger	100	0	NA	0	0	0	0	0
	(Detail)	**Leak Std (ppm)**	**Total # Details**	**1% of Total # of Details**	**Total # Delayed Repair Details**	**# Detail Visible Leaks**	**# Detail Inspections**	**# Detail Leaks > Leak Std**	**# Detail Leaks > 10K ppm**
	Fin Fan Plug	100	0	0	0	0	0	0	0
	Associated Connector/Flange	100	0	NA	0	0	0	0	0

RULE 1173 COMPONENT LEAK REPORT (FORMERLY FORM C)

Please submit all Rule 1173 reports electronically to: Rule1173Reports@aqmd.gov

YEAR: 2026 QUARTER: Q2 (Apr-Jun)

Company / Facility Name:	E&B Natural Resources Murphy	Facility ID#:	191119	Report Date:	7/27/2026 12:33:47 PM
Fac. Address:	2126 West Adams Boulevard		City/Zip:	Los Angeles, CA 90007	
Contact Name:	Louis Zylstra Jr.	Phone:	7143259502	Email:	lzylstra@ebresources.com

Component Data				Leak Data				Repair Data					
ID	Type	Svc	Location	Date/Time	ppm	Visible Leak?	Visible Vapor?	Repair Action	Date	ppm	Visible Leak?	Visible Vapor?	Comments/Notes
12429.00	Compressor - 5000" - Compressor	G/V	Compressor Room - K - 04	6/11/2026 9:46 AM	2620	N/A	N/A	Replace Component Improvement	6/17/2026	15	N/A	N/A	PPM Monitor
3806100006	Valve - 1.25"	G/V	Gas Plant - V - 11	6/11/2026 9:26 AM	3500	N/A	N/A	Replace Component Improvement	6/17/2026	15	N/A	N/A	PPM Monitor
3822100005	Other - 1.00"	G/V	Gas Plant - V - 17	6/11/2026 9:17 AM	386	N/A	N/A	Gauge tightened, no longer leaking	6/11/2026	3.2	N/A	N/A	PPM Monitor
3822100006	Fitting - 0.50"	G/V	Gas Plant - V - 81	6/11/2026 10:27 AM	658	N/A	N/A	Plug tightened, no longer leaking.	6/11/2026	5	N/A	N/A	PPM Monitor
47884.00 (DUP 1)	Other - 1" - Gauge	G/V	Compressor Room - V - 04	6/11/2026 11:48 AM	114	N/A	N/A	tightened	6/11/2026	19	N/A	N/A	PPM Monitor
90458.00	Other - 4" - PVRV	G/V	Tank Farm - S - 01	6/11/2026 9:32 AM	850	N/A	N/A	Replace Component Improvement	6/17/2026	15	N/A	N/A	PPM Monitor
90704.01	Fitting - 0.75" - Plug	G/V	Turbine Room - V - 01	6/11/2026 10:41 AM	680	N/A	N/A	Tighten Connection	6/11/2026	13	N/A	N/A	PPM Monitor

*Service= Use LL or HL for light or heavy Liquid

**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

RULE 1173 STATISTICS SUMMARY SHEET (FORMERLY FORM D)

YEAR: 2026 QUARTER: Q2 (Apr-Jun)

Please submit all Rule 1173 reports electronically to:
Rule1173Reports@aqmd.gov

Company / Facility:	E&B Natural Resources Midge	Facility ID#:	165100	Report Date:	7/24/2026 12:33:53 PM
Facility Address:	25210 Broadwell	City/Zip:	Harbor City, CA 90710		
Contact Name:	Louis Zylstra Jr.	Phone:	7143259502	Email:	lzylstra@ebresources.com

Components			General Data			AVO	Analyzer (Method 21)		
Type (service)	**Notes**	**Leak Std (ppm)**	**Total # Components**	**Total # Inaccessible Components**	**Total # Delayed Repair Components**	**# Component Visible Leaks**	**# Component Inspections**	**# Component Leaks > Leak Std**	**# Component Leaks > 10K ppm**
Valve (gas/vapor or light liquid)	External Actuator and Associated Connector/Flange	100	24	0	0	0	24	0	0
Fitting (gas/vapor or light liquid)	Connector-type	100	68	0	0	0	68	0	0
	Flange-type	100	0	0	0	0	0	0	0
Compressor (gas/vapor)	Compressor Seal and Associated Connector/Flange	400	0	0	0	0	0	0	0
Pump (light liquid)	Pump Seal and Associated Connector/Flange	400	1	0	0	0	1	0	0
Pump (heavy liquid)	Pump Seal and Associated Connector/Flange	100	0	0	0	0	0	0	0
Atmospheric Process PRD (gas/vapor or light liquid)	PRV, Rupture Disc, and Associated Connector/Flange	200	0	0	NA	0	0	0	0
Non-Atmospheric Process PRD (gas/vapor or light liquid)	PRV, Rupture Disc, and Associated Connector/Flange	200	0	0	NA	0	0	0	0
Other (gas/vapor or light liquid)	Diaphragm	100	0	0	NA	0	0	0	0
	Hatch	100	0	0	NA	0	0	0	0
	Sight Glass	100	0	0	NA	0	0	0	0
	Meter	100	0	0	NA	0	0	0	0
	Miscellaneous	100	4	0	NA	0	4	2	0
Fin Fan (gas/vapor light liquid, or heavy liquid)	Air-Cooled Heat Exchanger	100	0	NA	0	0	0	0	0
	(Detail)	**Leak Std (ppm)**	**Total # Details**	**1% of Total # of Details**	**Total # Delayed Repair Details**	**# Detail Visible Leaks**	**# Detail Inspections**	**# Detail Leaks > Leak Std**	**# Detail Leaks > 10K ppm**
	Fin Fan Plug	100	0	0	0	0	0	0	0
	Associated Connector/Flange	100	0	NA	0	0	0	0	0

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 4th Quarter of 2025

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**01/30/2026**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
48597.01	Valve, 2" Valve - Ball	G	Compressor Room, K - 03 Produced	628	Dec 22 10:08AM	2100		Tightened	Dec 22 10:14AM	54		0	
151643.00	Fitting, 0.25" Plug	G	Turbine Room, V - 01 Produced	292	Dec 22 10:12AM	1531		Tightened	Dec 22 10:17AM	19		0	
90041.00	Valve, 2" Valve	G	Gas Plant, V - 61 Produced	592	Dec 22 10:33AM	793		Tightened	Dec 22 10:37AM	14.1		0	
12479.01	Valve, 1" Valve - Ball	G	Tank Farm, V - 66 Produced	292	Dec 22 11:07AM	953		Tightened	Dec 22 11:12AM	47		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 4th QUARTER OF 2025

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 191119

Report Date 01/30/2026

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak % 0.31%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 0.03%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	4
Total Leak %:	0.09%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 3rd Quarter of 2025

Name	**E&B Natural Resources**	**Midge**	
Address	**25210 Broadwell, Harbor City, CA 90710**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**165100**	Report Date	**10/30/2025**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
				348	09/24/2025	No Leaks							

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 3rd QUARTER OF 2025

Company Name
E&B Natural Resources - Midge

Address
25210 Broadwell, Harbor City, CA 90710

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 165100

Report Date 10/30/2025

Component Type: VALVES

Total Number Inspected: 24 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 68 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 4 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 1 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 0 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	0	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	97
Total Number Of Leaks:	0
Total Leak %:	0%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 2nd Quarter of 2025

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**07/30/2025**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
134771.01	Other, 0.5" Gauge	G	Gas Plant, V - 41 Produced	592	Jun 17 10:43AM	6497		Serviced	Jun 17 10:57AM	4.8		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 2nd Quarter of 2025

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**07/30/2025**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
134771.01	Other, 0.5" Gauge	G	Gas Plant, V - 41 Produced	592	Jun 17 10:43AM	6497		Serviced	Jun 17 10:57AM	4.8		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 2nd QUARTER OF 2025

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 191119

Report Date 07/30/2025

Component Type: VALVES

Total Number Inspected: 98 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 102 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 49 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 2.04%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 0 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 3 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	0	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	252
Total Number Of Leaks:	1
Total Leak %:	0.4%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 1st Quarter of 2025

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**04/30/2025**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
				628	03/31/2025	No Leaks							

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 1st QUARTER OF 2025

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 191119

Report Date 04/30/2025

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	0
Total Leak %:	0%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 4th Quarter of 2024

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**01/30/2025**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
90579.01	Valve, 1" Valve - Ball	G	Gas Plant, V - 100 Produced	592	Dec 20 8:47AM	2146		Tightened	Dec 20 9:01AM	76.7		0	
47661.02	Valve, 2" Valve - Ball	G	Gas Plant, V - 10 Produced	592	Dec 20 9:10AM	1943		Tightened	Dec 20 9:12AM	43.9		0	
48073.00	Valve, 0.75" Valve - Needle	G	Compressor Room, CH - 01 Produced	589	Dec 20 10:00AM	1263		Serviced	Dec 20 10:30AM	87		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 4th QUARTER OF 2024

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 191119

Report Date 01/30/2025

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak % .31%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	3
Total Leak %:	0.07%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 3rd Quarter of 2024

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Louis Zylstra Jr.**	**(714) 968-4770**	
SCAQMD ID#	**191119**	Report Date	**10/30/2024**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
151642.00	Valve, 0.75" Valve - Ball	G	Turbine Room, T - 03 Produced	292	Sep 19 9:59AM	602		Tightened	Sep 19 10:04AM	54		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 3rd QUARTER OF 2024

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Louis Zylstra Jr. (714) 968-4770

SCAQMD ID # 191119

Report Date 10/30/2024

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak % 0.10%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	1
Total Leak %:	0.02%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 2nd Quarter of 2024

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**		
SCAQMD ID#	**191119**	Report Date	**07/30/2024**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
48854.00	Other, 0.25" Meter	G	Gas Plant, PR - 01 Produced	283	Jun 17 9:10AM	629		Tightened	Jun 17 9:15AM	58.3		0	

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 2nd QUARTER OF 2024

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler

SCAQMD ID #
191119

Report Date
07/30/2024

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 1.3%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	1
Total Leak %:	0.02%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 1st Quarter of 2024

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**		
SCAQMD ID#	**191119**	Report Date	**04/30/2024**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
90797.00	Valve, 2" Valve - Ball	G	Wells South Cellar, M - 09 Produced	152	Mar 6 8:00AM	2001		Removed & Replaced Component	Mar 12 8:00AM	8.2			
90794.00	Fitting, 2" Union	G	Wells South Cellar, M - 01 Produced	545	Mar 6 9:52AM	5283		Tightened	Mar 12 12:00PM	12			
90799.00	Valve, 1" Valve - Ball	G	Gas Plant, V - 310 Produced	545	Mar 6 10:11AM	2616		Removed & Replaced Component	Mar 12 12:50PM	4.6			
12431.00	Valve, 1" Valve - Regulator	G	Gas Plant, V - 81 Produced	544	Mar 6 10:37AM	4125		Removed & Replaced Component	Mar 12 8:00AM	16			
90798.00	Valve, 2" Valve - Kimray	G	Gas Plant, V - 80 Produced	152	Mar 6 12:00PM	2180		Removed & Replaced Component	Mar 12 11:00AM	8.4			
90796.00	Fitting, 1" Union	G	Turbine Room, T - 01 Produced	545	Mar 6 12:24PM	31000		Closed Valve	Mar 6 12:34PM	0			
90795.00	Fitting, 0.25" Tube Fitting	G	Turbine Room, V - 02 Produced	544	Mar 6 12:26PM	1460		Tightened	Mar 6 12:40PM	275			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 1st QUARTER OF 2024

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler

SCAQMD ID #
191119

Report Date
04/30/2024

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 4 Total Leak % 0.41%

>500 but ≤ 10,000 ppm: 4 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak %: 0.09%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 1

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	7
Total Leak %:	0.16%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 4th Quarter of 2023

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**		
SCAQMD ID#	**191119**	Report Date	**01/30/2024**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
90584.00	Valve, 1" Valve - Control	G	Amine Skid, PR - 01 Produced	274	Dec 21 9:15AM	30000		Tightened	Dec 21 9:50AM	6			
43952.01	Fitting, 4" Flange	G	Gas Plant, PR - 02 Produced	274	Dec 21 11:00AM	1120		Tightened	Dec 21 11:05AM	23.2			
90777.01	Other, 0.5" Gauge	G	Wells South Cellar, M - 23 Produced	544	Dec 21 11:43AM	12000		Tightened	Dec 21 12:14PM	124			
90777.00	Fitting, 8" Wellhead Flange	G	Wells South Cellar, M - 23 Produced	544	Dec 21 11:45AM	700		Tightened	Dec 21 12:24PM	11			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 4th QUARTER OF 2023

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler

SCAQMD ID #
191119

Report Date
01/30/2024

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak % 0.10%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 1

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak %: 0.06%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 1.33%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 1 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	4
Total Leak %:	0.09%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 3rd Quarter of 2023

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**10/30/2023**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
151643.00	Fitting, 0.25" Plug	G	Turbine Room, V - 01 Produced	109	Sep 18 7:20AM	28300		Capped/Plugged OEL	Sep 18 8:39AM	4.9			
151642.00	Valve, 0.75" Valve - Ball	G	Turbine Room, T - 03 Produced	109	Sep 18 7:48AM	16900		Taped	Sep 18 8:13AM	3.9			
66667.01	Valve, 0.25" Valve	G	Compressor Room, K - 03 Produced	501	Sep 18 8:31AM	9995		Tightened	Sep 18 8:35AM	22.6			
66667.00	Valve, 0.25" Valve	G	Compressor Room, K - 03 Produced	501	Sep 18 8:45AM	9996		Tightened	Sep 18 8:50AM	36.9			
151643.01	Valve, 2" Valve - Ball	G	Turbine Room, V - 01 Produced	109	Sep 18 9:11AM	9842		Serviced	Sep 19 9:11AM	15.4			
90703.02	Valve, 2" Valve - Orifice	G	Turbine Room, V - 01 Produced	109	Sep 18 9:31AM	9822		Serviced	Sep 19 9:31AM	13.8			
47661.02	Valve, 2" Valve - Ball	G	Gas Plant, V - 10 Produced	501	Sep 18 10:20AM	9995		Serviced	Sep 19 10:20AM	2.7			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 3rd QUARTER OF 2023

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 10/30/2023

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 6 Total Leak % 0.61%

>500 but ≤ 10,000 ppm: 5 > 10,000 but ≤ 25,000 ppm: 1 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 0.03%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 1

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	7
Total Leak %:	0.02%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 2nd Quarter of 2023

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**07/30/2023**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
111769.00	Fitting, 0.5" Plug	G	Gas Plant, PR - 02 Produced	530	Jun 23 9:00AM	2200		Tightened	Jun 23 9:05AM	5.8			
48855.00	Other, 0.5" Gauge	G	Gas Plant, V - 91 Produced	283	Jun 23 9:42AM	950		Tightened	Jun 23 9:47AM	27.4			
48855.04	Fitting, 0.5" Plug	G	Gas Plant, V - 91 Produced	283	Jun 23 9:53AM	1200		Tightened	Jun 23 9:58AM	20.4			
12429.00	Compressor, 5000HP Compressor	G	Compressor Room, K - 04 Produced	500	Jun 23 12:00PM	3830		Tightened	Jun 23 1:15PM	156			
47875.00	Fitting, 2" Flange	G	Compressor Room, K - 02 Produced	500	Jun 23 12:05PM	9105		Tightened	Jun 23 1:23PM	158			
48274.00	Compressor, 350HP Compressor	G	Compressor Room, K - 01 Produced	500	Jun 23 12:10PM	5903		Tightened	Jun 23 1:26PM	96.3			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 2nd QUARTER OF 2023

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 07/30/2023

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak %: 0.09%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 1.33%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak %: 20%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	6
Total Leak %:	0.13%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 1st Quarter of 2023

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**04/30/2023**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
110169.00	Fitting, 0.25" Plug	G	Amine Skid, PR - 01 Produced	283	Mar 24 10:50AM	589		Tightened	Mar 24 10:55AM	81.6			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 1st QUARTER OF 2023

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 04/30/2023

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 0.03%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	1
Total Leak %:	0.02%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 4th Quarter of 2022

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**01/30/2023**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
111623.01	Other, 0.5" Gauge	G	Gas Plant, V - 08 Produced	310	Nov 7 9:04AM	1676		Tightened	Nov 7 9:20AM	4			
47884.00	Other, 1" Gauge	G	Compressor Room, V - 04 Produced	292	Nov 7 10:15AM	1031		Tightened	Nov 7 10:20AM	21			
90107.01	Fitting, 0.25" Tube Fitting	G	Tank Farm, PR - 01 Produced	505	Nov 7 10:15AM	819		Tightened	Nov 7 10:20AM	5			
97998.01	Fitting, 0.5" Plug	G	Gas Plant, V - 320 Produced	283	Nov 7 10:15AM	1218		Tightened	Nov 7 10:20AM	21.7			
90703.00	Fitting, 0.75" Plug	G	Turbine Room, V - 01 Produced	292	Nov 7 12:21PM	4091		Tightened	Nov 7 12:26PM	8			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 4th QUARTER OF 2022

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 01/30/2023

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak % 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak %: 0.09%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak %: 2.67%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	5
Total Leak %:	0.11%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 3rd Quarter of 2022

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**10/30/2022**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
111652.00	Fitting, 12" Flange	G	Gas Plant, V - 66 Produced	505	Sep 27 10:41AM	7809		Taken Out Of Service	Sep 27 1:30PM	2.4			
109892.00	Other, 4" PVRV	G	Tank Farm, T - 01 Produced	498	Sep 27 10:45AM	1100		Serviced	Oct 4 10:45AM	7.2			
90066.01	Fitting, 0.25" Tube Fitting	G	Gas Plant, K - 08 Produced	498	Sep 27 12:40PM	1352		Tightened	Sep 27 12:50PM	2.4			
43952.00	Valve, 4" Valve - Ball	G	Gas Plant, PR - 02 Produced	497	Sep 27 1:05PM	100000		Tightened	Sep 27 1:18PM	12			
109868.00	Valve, 2" Valve - Casing Wing	G	Well Cellar, M - 28 Produced	498	Sep 27 2:03PM	4000		Tightened	Sep 27 2:10PM	2.4			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
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RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 3rd QUARTER OF 2022

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID #
191119

Report Date
10/30/2022

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak % 0.21%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 1

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak %: 0.06%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 1.33%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	5
Total Leak %:	0.11%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 2nd Quarter of 2022

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**07/30/2022**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
131502.00	Valve, 1" Valve - Kimray	G	Amine Skid, PR - 01 Produced	292	Jun 20 8:24AM	1381		Removed & Replaced Component	Jun 22 7:00AM	4.1			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 2nd QUARTER OF 2022

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 07/30/2022

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak % 0.10%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	1
Total Leak %:	0.02%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 1st Quarter of 2022

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**04/30/2022**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
131502.00	Valve, 1" Valve - Kimray	G	Amine Skid, PR - 01 Produced	152	Mar 25 8:30AM	20000		Splash Zone Silicone	Mar 25 8:35AM	105			
109859.00	Valve, 3" Valve - Ball	G	Tank Farm, V - 06 Produced	349	Mar 25 9:00AM	13100		Tightened	Mar 25 9:10AM	1.5			
90586.00	Fitting, 0.5" Tube Fitting	G	Gas Plant, V - 11 Produced	152	Mar 25 9:00AM	700		Tightened	Mar 25 9:30AM	2			
90586.01	Fitting, 0.25" Tube Fitting	G	Gas Plant, V - 11 Produced	152	Mar 25 9:15AM	1599		Tightened	Mar 25 9:45AM	2			
90704.01	Fitting, 0.75" Plug	G	Turbine Room, V - 01 Produced	292	Mar 25 9:30AM	1421		Tightened	Mar 25 9:35AM	56			
90703.00	Fitting, 0.75" Plug	G	Turbine Room, V - 01 Produced	292	Mar 25 9:46AM	1211		Tightened	Mar 25 9:51AM	102			
90704.00	Fitting, 0.25" Tube Fitting	G	Turbine Room, V - 01 Produced	152	Mar 25 10:00AM	1020		Tightened	Mar 25 10:10AM	1.9			
89630.04	Valve, 2" Valve - Ball	G	Gas Plant, V - 80 Produced	152	Mar 25 12:00PM	5000		Tightened	Mar 25 12:10PM	3			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 1st QUARTER OF 2022

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID #
191119

Report Date
04/30/2022

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak % 0.31%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 2 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 5 Total Leak %: 0.15%

>500 but ≤ 10,000 ppm: 5 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	8
Total Leak %:	0.18%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 4th Quarter of 2021

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**01/30/2022**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
90584.00	Valve, 1" Valve - Control	G	Amine Skid, PR - 01 Produced	152	Oct 15 8:00AM	650		Tightened	Oct 15 8:05AM	3			
111646.03	Other, 0.5" Gauge	G	Launcher Area, L - 01 Produced	152	Oct 15 8:40AM	790		Tightened	Oct 15 8:45AM	0			
90586.00	Fitting, 0.5" Tube Fitting	G	Gas Plant, V - 11 Produced	152	Oct 15 9:20AM	839		Tightened	Oct 15 9:25AM	230			
90585.00	Fitting, 0.5" Threaded Connector	G	Gas Plant, V - 91 Produced	152	Oct 15 9:30AM	5540		Applied Silicone	Oct 15 9:35AM	50			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
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Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 4th QUARTER OF 2021

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID #
191119

Report Date
01/30/2022

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak % 0.001%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 2 Total Leak %: 0.001%

>500 but ≤ 10,000 ppm: 2 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 0.01%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	4
Total Leak %:	0.001%

South Coast Air Quality
Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 COMPONENT LEAK REPORT (FORM C)

REPORT FOR 3rd Quarter of 2021

Name	**E&B Natural Resources**	**Murphy**	
Address	**2126 West Adams Boulevard, Los Angeles, CA 90007**		
Contact/Phone Number	**Christopher Hassler**	**(562) 522-5016**	
SCAQMD ID#	**191119**	Report Date	**10/30/2021**

Component				Inspector ID	Date	Leak Rate		Type of Repair	Date	Post Leak Rate		Extended Repair	Reason
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**		
90579.00	Valve, 2" Valve - Ball	G	Gas Plant, V - 100 Produced	435	Sep 3 8:42AM	1026		Tightened	Sep 3 8:50AM	123			
48801.00	Fitting, 0.5" Plug	LL	Tank Farm, A - 01 Crude Oil	420	Sep 3 9:13AM	2434		Tightened	Sep 3 9:27AM	144			
48804.00	Valve, 3" Valve	G	Tank Farm, V - 01 Produced	407	Sep 3 9:17AM	7890		Greased	Sep 3 9:34AM	57			
110168.00	Valve, 2" Valve - Control	G	Gas Plant, PR - 03 PSA Produced	327	Sep 3 9:21AM	3422		Tightened	Sep 3 9:44AM	77			
47932.00	Fitting, 0.25" Plug	G	Tank Farm, PR - 02 Produced	435	Sep 3 9:26AM	1112		Tightened	Sep 3 9:32AM	98			
48280.00	Other, 2" Diaphragm	G	Tank Farm, T - 01 Produced	327	Sep 3 11:15AM	1817		Splash Zone Silicone	Sep 3 11:45AM	344			
97998.01	Fitting, 0.5" Plug	G	Gas Plant, V - 320 Produced	407	Sep 3 11:25AM	9640		Tightened	Sep 3 11:44AM	230			

*Service= Use LL or HL for light or heavy Liquid
**L= This component is leaking liquid at a rate greater than 3 drops per minute. Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

RULE 1173 STATISTICS SUMMARY SHEET (FORM D)
REPORT FOR THE 3rd QUARTER OF 2021

Company Name
E&B Natural Resources - Murphy

Address
2126 West Adams Boulevard, Los Angeles, CA 90007

Contact/Phone Number
Christopher Hassler (562) 522-5016

SCAQMD ID # 191119

Report Date 10/30/2021

Component Type: VALVES

Total Number Inspected: 970 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak % 0.31%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: FITTINGS (Flanges, Threaded Connectors, etc.)

Total Number Inspected: 3325 Total Liquid Leaks: 0

Total Gas Leaks: 3 Total Leak %: 0.09%

>500 but ≤ 10,000 ppm: 3 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: OTHERS (Hatch, Meter, Diaphragm, Sight Glass)

Total Number Inspected: 75 Total Liquid Leaks: 0

Total Gas Leaks: 1 Total Leak %: 1.33%

>500 but ≤ 10,000 ppm: 1 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Light Liquid)

Total Number Inspected: 18 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PUMPS (Heavy Liquid)

Total Number Inspected: 0 Total Liquid Leaks <500 ppm: 0

Total Gas Leaks: 0 Total Leak %: 0%

>100 but ≤ 500 ppm: 0 > 500 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: COMPRESSORS

Total Number Inspected: 10 Total Liquid Leaks: 0

Total Gas Leaks: 0 Total Leak %: 0%

>500 but ≤ 10,000 ppm: 0 > 10,000 but ≤ 25,000 ppm: 0 >25,000 ppm: 0

Number replaced under section (g) (2): 0 (BACT/BART)

Number of Annual Inspections under section (f) (1) (C): 0 (inaccessible components)

Component Type: PRESSURE RELIEF DEVICES'S (PRD'S)

Total Number Inspected:	24	Total Liquid Leaks:	0
Total Gas Leaks:	0	Total Leak %:	0
>200 but ≤ 25,000 ppm:	0	>25,000 ppm:	0
Number replaced under section (g) (2):	0	(BACT/BART)	
Number of Annual Inspections under section (f) (1) (C):	0	(inaccessible components)	

Quarterly Summary

Total Number Of Components Inspected:	4422
Total Number Of Leaks:	7
Total Leak %:	0.16%

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909)
396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Rule 1176 Component Leak Report

Form G

for the 3rd Quarter of 2024

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	10/30/2024

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				292	09/19/2024	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas

**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

Report not required to be submitted to AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 3rd 2024

I hereby certify that I, Maxwell Langmos , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 09/19/2024 .
(Month / Day / Year)

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 3rd 2024

I hereby certify that I, Noel Palomares , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 09/19/2024 .
(Month / Day / Year)

Noel Palomares

(Inspector's Signature)

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909) 396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Rule 1176 Component Leak Report

Form G

for the 4th Quarter of 2024

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	01/30/2025

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				274	12/20/2024	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas

**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

Report not required to be submitted to AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 4th 2024

I hereby certify that I, Oscar Padilla , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 12/20/2024 .
(Month / Day / Year)

Oscar R. Padilla

(Inspector's Signature)

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909) 396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Rule 1176 Component Leak Report

Form G

for the 1st Quarter of 2025

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	04/30/2025

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				283	03/31/2025	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas

**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank

Report not required to be submitted to AQMD

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909)
396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Form G

Rule 1176 Component Leak Report

for the 2nd Quarter of 2025

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	07/30/2025

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				592	06/17/2025	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas
**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank
Report not required to be submitted to AQMD

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909)
396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Form G

Rule 1176 Component Leak Report

for the 3rd Quarter of 2025

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	10/30/2025

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				292	09/29/2025	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas
**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank
Report not required to be submitted to AQMD

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765 (909)
396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Rule 1176 Component Leak Report

Form G

for the 4th Quarter of 2025

Company Name:	E&B Natural Resources	Mailing Address:	18471 Mt. Langley St., Suite P, Fountain Valley, CA 92708
Facility Name:	Murphy	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Contact/Phone Number:	Louis Zylstra Jr.		(714) 968-4770
SCAQMD ID#:	191119	Report Date:	01/30/2026

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID#	Type	Service*	Location			(ppm)	L**			(ppm)	L**	
				292	12/22/2025	No Leaks						

*Service: LL=Light Liquid; HL = Heavy Liquid; G=Gas; LG=Liquid and Gas
**L = Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank
Report not required to be submitted to AQMD

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Rule 1176 Component Leak Report

Form G

Reporting Period: 2026-01-01 - 2026-03-31

Company Name:	E&B Natural Resources	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Facility Name:	Murphy	SCAQMD ID#:	191119
Contact/Phone Number:	Louis Zylstra Jr. 7143259502	Report Date:	4/15/2026 10:52:01 AM

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID #	Type	Service	Location			(ppm)	L*			(ppm)	L**	
	* No Emissions Found. Facility last inspected on: 2026-03-24.									0		

*L= Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank Report not required to be submitted to AQMD

South Coast Air Quality
Management District
21865 Copley Drive
Diamond Bar, CA 91765
(909) 396-2000

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Rule 1176 Component Leak Report

Form G

Reporting Period: 2026-04-01 - 2026-06-30

Company Name:	E&B Natural Resources	Facility Address:	2126 West Adams Boulevard, Los Angeles, CA 90007
Facility Name:	Murphy	SCAQMD ID#:	191119
Contact/Phone Number:	Louis Zylstra Jr. 7143259502	Report Date:	7/24/2026 12:59:33 PM

Component				Inspector ID	Inspection Date	Leak Rate		Type of Repair	Repair Date	Post Leak Rate		Comments
ID #	Type	Service	Location			(ppm)	L*			(ppm)	L**	
	* No Emissions Found. Facility last inspected on: 2026-06-11.											

*L= Enter X in block if component is leaking at a rate greater than 3 drops per minute, otherwise leave blank Report not required to be submitted to AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 1st 2025

I hereby certify that I, Noel Palomares , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 03/31/2025 .
(Month / Day / Year)

Noel Palomares

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 2nd 2025

I hereby certify that I, Joseph Gourgy , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 06/17/2025 .
(Month / Day / Year)

Joseph Gourgy

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 2nd 2025

I hereby certify that I, Maxwell Langmos , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 06/17/2025 .
(Month / Day / Year)

Maxwell Langmos

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 3rd 2025

I hereby certify that I, Maxwell Langmos , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 09/29/2025 .
(Month / Day / Year)

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 4th 2025

I hereby certify that I, Maxwell Langmos , have performed the above listed inspections pursuant to SCAQMD
(Inspector's Name)

Rule 1176 on 12/22/2025 .
(Month / Day / Year)

(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 1st 2026

I hereby certify that I, Godofredo Galsim, have performed the above listed inspections pursuant to SCAQMD Rule 1176 on 3/24/2026.

Godofredo Galsim

(Inspector's Signature)

PREPARED BY MONTROSE AIR QUALITY SERVICES, LLC. (714) 730-3320

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 1st 2026

I hereby certify that I, Joseph Gourgy, have performed the above listed inspections pursuant to SCAQMD Rule 1176 on 3/24/2026.

Joseph Gourgy

(Inspector's Signature)

PREPARED BY MONTROSE AIR QUALITY SERVICES, LLC. (714) 730-3320

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 2nd 2026

I hereby certify that I, Cristian Ramirez, have performed the above listed inspections pursuant to SCAQMD Rule 1176 on 6/11/2026.

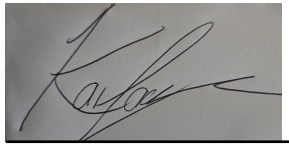
(Inspector's Signature)

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 2nd 2026

I hereby certify that I, Kai Jackson, have performed the above listed inspections pursuant to SCAQMD Rule 1176 on 6/11/2026.



(Inspector's Signature)

PREPARED BY ONTERRIS AIR QUALITY SERVICES, LLC. (714) 730-3320

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ENFORCEMENT DIVISION

RULE 1176 INSPECTION VERIFICATION REPORT

FACILITY: Murphy QUARTER: 2nd 2026

I hereby certify that I, Maxwell Langmos, have performed the above listed inspections pursuant to SCAQMD Rule 1176 on 6/11/2026.

(Inspector's Signature)

PREPARED BY ONTERRIS AIR QUALITY SERVICES, LLC. (714) 730-3320

Attachment 7

2026 SCHEDULE

OPERATOR	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
J[redacted] R[redacted]	M								D	D	D	D	D	D	D								M	M	M	M	M	M
S[redacted] A[redacted]	D								M	M	M	M	M	M	M								D	D	D	D	D	D
L[redacted] C[redacted]		D	D	D	D	D	D	D								M	M	M	M	M	M	M						
E[redacted] H[redacted]		M	M	M	M	M	M	M								D	D	D	D	D	D	D						

HOLIDAYS	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
New Years																												
Memorial Day					1-Jan	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
4th of July	25	26	27	28	29	30	31	1-Feb	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Labor Day	22	23	24	25	26	27	28	1-Mar	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Thanksgiving	22	23	24	25	26	27	28	29	30	31	1-Apr	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Day After Thanks	19	20	21	22	23	24	25	26	27	28	29	30	1-May	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Christmas Eve	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1-Jun	2	3	4	5	6	7	8	9	10	11	12	13
Christmas Day	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1-Jul	2	3	4	5	6	7	8	9	10	11
Three Floating	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1-Aug	2	3	4	5	6	7	8
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1-Sep	2	3	4	5
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1-Oct	2	3
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	1-Nov	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	29	30	1-Dec	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	27	28	29	30	31																							

EBELING 2025

Attachment 8

Capstone Green Energy

Energy Conversion Products

C200S Microturbine

High-pressure Natural Gas

World's largest air-bearing microturbine produces 200kW of clean, green, and reliable power.

C200S Power Package

Electrical Performance[1]

Electrical Power Output	200kW
Voltage	400/480 VAC
Electrical Service	3-Phase, 4 Wire Wye
Frequency	50/60 Hz
Electrical Efficiency LHV	33%

Fuel/Engine Characteristics[1]

Natural Gas HHV	30.7–47.5 MJ/m^3 (825–1,275 BTU/scf)
Inlet Pressure	517–551 kPa gauge (75–80 psig)
Fuel Flow HHV	2,400 MJ/hr (2,280,000 BTU/hr)
Net Heat Rate LHV	10.9 MJ/kWh (10,300 BTU/kWh)

Exhaust Characteristics[1]

NOx Emissions @ 15% O_2	< 9 ppmvd (18 mg/m^3)
Exhaust Mass Flow	1.3 kg/s (2.9 lbm/s)
Exhaust Gas Temperature	280°C (535°F)

Benefits

- Ultra-low emissions
- One moving part – minimal maintenance and downtime
- Patented air bearings – no lubricating oil or coolant
- Integrated utility synchronization – no external switchgear
- Compact modular design allows for easy, low-cost installation
- Multiple units easily combined – act as single generating source
- Remote monitoring and diagnostic capabilities
- Proven technology with tens of millions of operating hours
- Various Factory Protection Plans available

Smarter Energy for a Cleaner Future

Dimensions & Weight[2]

Width x Depth x Height	3.0 x 2.5 x 3.0 m (117 x 100 x 119 in)
Weight - Grid Connect Model	5,200 kg (11,400 lbs)
Weight - Dual Mode Model	5,850 kg (12,900 lbs)

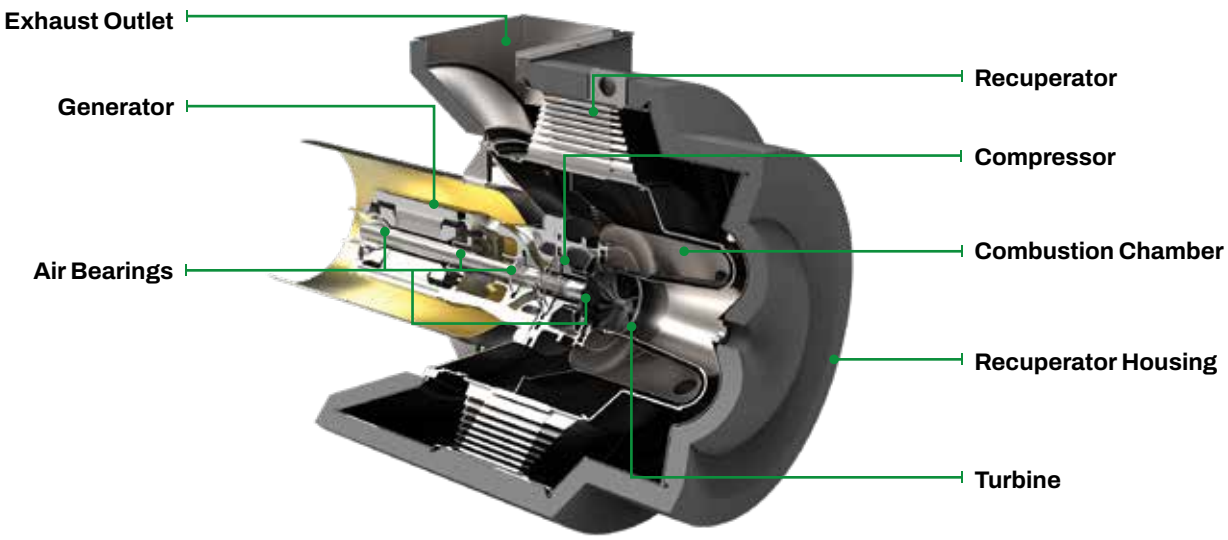
Minimum Clearance Requirements[3]

Horizontal Clearance	
Left	1.5 m (60 in)
Right	0.0 m (0 in)
Front	1.7 m (65 in)
Rear	2.2 m (85 in)

Certifications

- **UL 2200 Listed**
- **CE Certified**
- **Certified to the following grid interconnections standards: UL 1741-SA, VDE, BDEW, CEI 0-16, AS4777**
- **Compliant to California Rule 21**

C200 Engine Components



(1) Nominal full power performance at ISO conditions: 15˚C (59˚F), 14.696 psia, 60% RH
(2) Approximate dimensions and weights
(3) Clearance requirements may increase due to local code considerations
Specifications are not warranted and are subject to change without notice.

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Call us (toll free) 1.866.422.7786 | Tel: 1.818.734.5300 | www.capstonegreenenergy.com

Capstone Green Energy

Capstone Green Energy

Energy Conversion Products

C600S Power Package

High-pressure Natural Gas

The Signature Series Microturbine provides 600kW of reliable electrical power in one small, ultra-low emission, and highly efficient package.

C600S Power Package

Electrical Performance[1]

Electrical Power Output	600kW
Voltage	400/480 VAC
Electrical Service	3-Phase, 4 Wire Wye
Frequency	50/60 Hz
Electrical Efficiency LHV	33%

Fuel/Engine Characteristics[1]

Natural Gas HHV	30.7–47.5 MJ/m^3 (825–1,275 BTU/scf)
Inlet Pressure	517–551 kPa gauge (75–80 psig)
Fuel Flow HHV	7,200 MJ/hr (6,840,000 BTU/hr)
Net Heat Rate LHV	10.9 MJ/kWh (10,300 BTU/kWh)

Exhaust Characteristics[1]

NOx Emissions @ 15% O_2	< 9 ppmvd (18 mg/m^3)
Exhaust Mass Flow	4.0 kg/s (8.8 lbm/s)
Exhaust Gas Temperature	280°C (535°F)

Benefits

- Ultra-low emissions
- One moving part – minimal maintenance and downtime
- Patented air bearings – no lubricating oil or coolant
- Integrated utility synchronization – no external switchgear
- Compact modular design allows for easy, low-cost installation
- High electrical efficiency over a very wide operating range
- High availability – part load redundancy
- Remote monitoring and diagnostic capabilities
- Proven technology with tens of millions of operating hours
- Various Factory Protection Plans available

Smarter Energy for a Cleaner Future

Dimensions & Weight[2]

Width x Depth x Height	3.0 x 5.8 x 3.0 m (117 x 230 x 119 in)
Weight - Grid Connect Model	11,250 kg (24,800 lbs)
Weight - Dual Mode Model	13,350 kg (29,400 lbs)

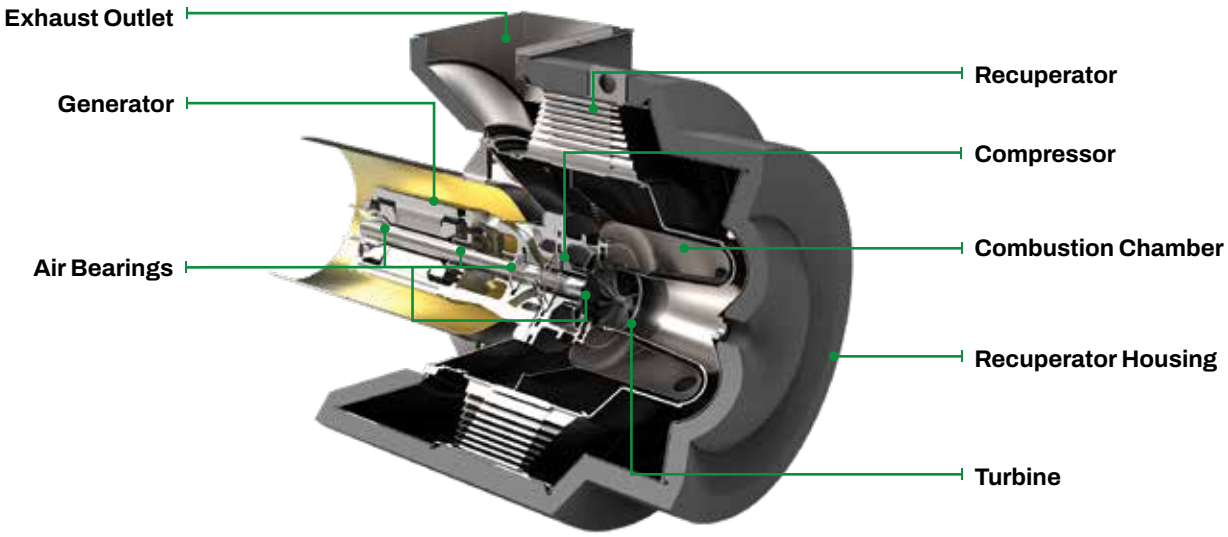
Minimum Clearance Requirements[3]

Horizontal Clearance	
Left	1.5 m (60 in)
Right	0.0 m (0 in)
Front	1.7 m (65 in)
Rear	2.2 m (85 in)

Certifications

- **UL 2200 Listed**
- **CE Certified**
- **Certified to the following grid interconnections standards: UL 1741-SA, VDE, BDEW, CEI 0-16, AS4777**
- **Compliant to California Rule 21**

C200 Engine Components



(1) Nominal full power performance at ISO conditions: 15˚C (59˚F), 14.696 psia, 60% RH
(2) Approximate dimensions and weights
(3) Clearance requirements may increase due to local code considerations
Specifications are not warranted and are subject to change without notice.

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Call us (toll free) 1.866.422.7786 | Tel: 1.818.734.5300 | www.capstonegreenenergy.com

Capstone Green Energy

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Energy Conversion Products

C800S Power Package

High-pressure Natural Gas, ICHP

The Signature Series Microturbine provides ultra-low emissions and reliable electrical/thermal generation from natural gas.

C800S ICHP Power Package

Electrical Performance[1]

Electrical Power Output	800kW
Voltage	400/480 VAC
Electrical Service	3-Phase, 4 Wire Wye
Frequency	50/60 Hz
Electrical Efficiency LHV	33%

Fuel/Engine Characteristics[1]

Natural Gas HHV	30.7–47.5 MJ/m^3 (825–1,275 BTU/scf)
Inlet Pressure	517–551 kPa gauge (75–80 psig)
Fuel Flow HHV	9,600 MJ/hr (9,120,000 BTU/hr)
Net Heat Rate LHV	10.9 MJ/kWh (10,300 BTU/kWh)

Exhaust Characteristics[1]

NOx Emissions @ 15% O_2	< 9 ppmvd (18 mg/m^3)
Exhaust Mass Flow	5.3 kg/s (11.7 lbm/s)
Exhaust Gas Temperature	280°C (535°F) (Heat Recovery Bypassed)

Benefits

- Ultra-low emissions
- One moving part – minimal maintenance and downtime
- Patented air bearings – no lubricating oil or coolant
- Integrated utility synchronization – no external switchgear
- Compact modular design allows for easy, low-cost installation
- High electrical efficiency over a very wide operating range
- High availability – part load redundancy
- Remote monitoring and diagnostic capabilities
- Proven technology with tens of millions of operating hours
- Various Factory Protection Plans available

Smarter Energy for a Cleaner Future

Dimensions & Weight[2]

Width x Depth x Height	3.0 x 7.5 x 4.0 m (117 x 295 x 157 in)
Weight - Grid Connect Model, dry	17,400 kg (38,300 lbs)
Weight - Dual Mode Model, dry	20,200 kg (44,500 lbs)

Minimum Clearance Requirements[3]

Horizontal Clearance	
Left	1.5 m (60 in)
Right	0.0 m (0 in)
Front	1.7 m (65 in)
Rear	2.2 m (85 in)

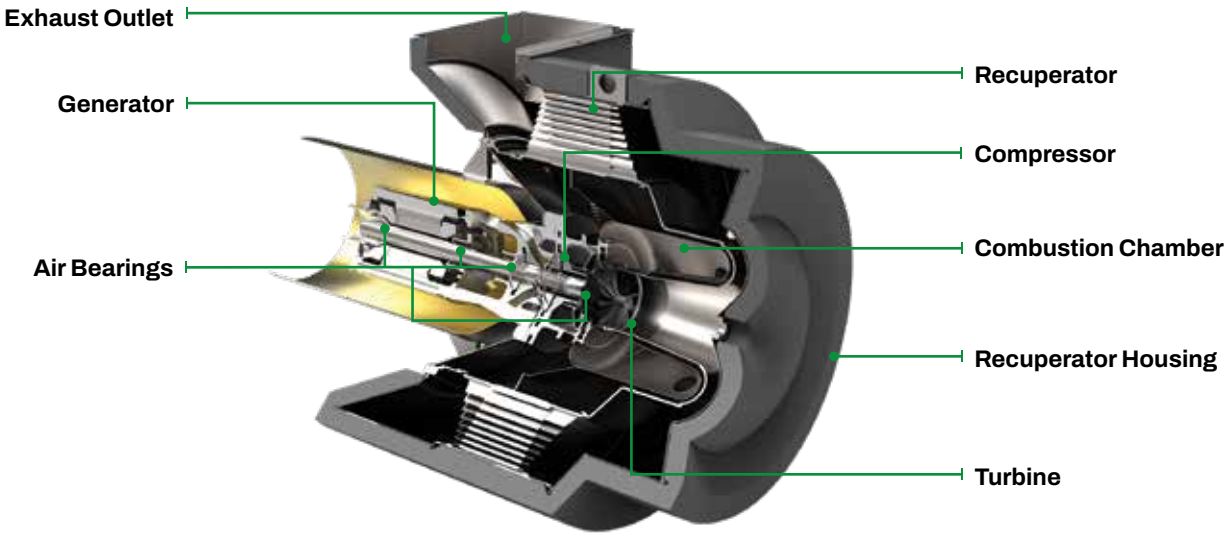
ICHP Heat Recovery[4]

Hot Water Heat Recovery	1.2 MW (4.1 MMBtu/hr)

Certifications

- **UL 2200 Listed**
- **CE Certified**
- **Certified to the following grid interconnections standards: UL 1741-SA, VDE, BDEW, CEI 0-16, AS4777**
- **Compliant to California Rule 21**

C200 Engine Components



(1) Nominal full power performance at ISO conditions: 15˚C (59˚F), 14.696 psia, 60% RH
(2) Approximate dimensions and weights
(3) Clearance requirements may increase due to local code considerations
(4) Nominal heat recovery using 4 Heat Recovery Modules (HRM). Inlet water temperature of 38˚C (100˚F) and flow rate of 6.3 l/s (100 gpm) per HRM
Specifications are not warranted and are subject to change without notice.

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Energy Conversion Products

C1000S Microturbine

High-pressure Natural Gas

The Signature Series Microturbine provides 1MW of reliable electrical power in one small, ultra-low emission, and highly efficient package.

C1000S Power Package

Electrical Performance[1]

Electrical Power Output	1000kW
Voltage	400/480 VAC
Electrical Service	3-Phase, 4 Wire Wye
Frequency	50/60 Hz
Electrical Efficiency LHV	33%

Fuel/Engine Characteristics[1]

Natural Gas HHV	30.7–47.5 MJ/m^3 (825–1,275 BTU/scf)
Inlet Pressure	517–551 kPa gauge (75–80 psig)
Fuel Flow HHV	12,000 MJ/hr (11,400,000 BTU/hr)
Net Heat Rate LHV	10.9 MJ/kWh (10,300 BTU/kWh)

Exhaust Characteristics[1]

NOx Emissions @ 15% O_2	< 9 ppmvd (18 mg/m^3)
Exhaust Mass Flow	6.7 kg/s (14.7 lbm/s)
Exhaust Gas Temperature	280°C (535°F)

Benefits

- Ultra-low emissions
- One moving part – minimal maintenance and downtime
- Patented air bearings – no lubricating oil or coolant
- Integrated utility synchronization – no external switchgear
- Compact modular design allows for easy, low-cost installation
- High electrical efficiency over a very wide operating range
- High availability – part load redundancy
- Remote monitoring and diagnostic capabilities
- Proven technology with tens of millions of operating hours
- Various Factory Protection Plans available

Smarter Energy for a Cleaner Future

Dimensions & Weight[2]

Width x Depth x Height	3.0 x 9.1 x 3.0 m (117 x 360 x 119 in)
Weight - Grid Connect Model	17,100 kg (37,700 lbs)
Weight - Dual Mode Model	20,650 kg (45,500 lbs)

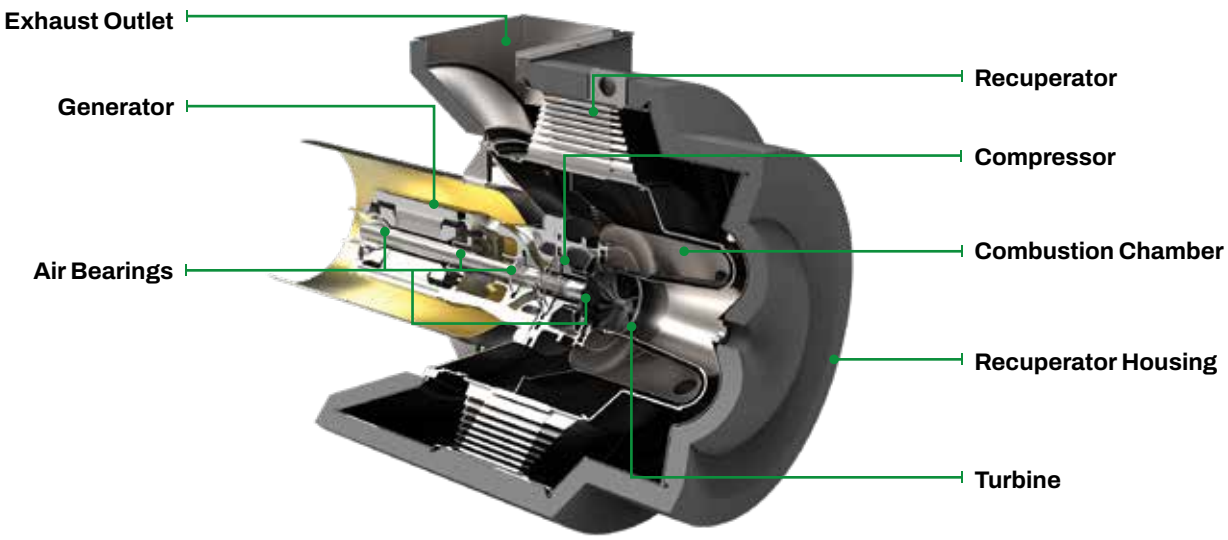
Minimum Clearance Requirements[3]

Horizontal Clearance	
Left	1.5 m (60 in)
Right	0.0 m (0 in)
Front	1.7 m (65 in)
Rear	2.2 m (85 in)

Certifications

- **UL 2200 Listed**
- **CE Certified**
- **Certified to the following grid interconnections standards: UL 1741-SA, VDE, BDEW, CEI 0-16, AS4777**
- **Compliant to California Rule 21**

C200 Engine Components



(1) Nominal full power performance at ISO conditions: 15˚C (59˚F), 14.696 psia, 60% RH
(2) Approximate dimensions and weights
(3) Clearance requirements may increase due to local code considerations
Specifications are not warranted and are subject to change without notice.

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Capstone Green Energy

Attachment 9

Rule 222 Filing Program

Share:

Rule 222 (Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II) was adopted in September of 1998 as a streamlined alternative to permitting

Rule 222 (/docs/default-source/rule-book/reg-ii/rule-222.pdf?sfvrsn=4) identifies specific types of equipment that typically have a low emission impact. Owners and operators of equipment listed below are required to comply with the Rule 222 Filing Program. This rule requires owners/operators of specified emission sources to submit information regarding the source, including but not limited to a description of the source, data necessary to estimate emissions from the source, and information to determine whether the equipment is operating in compliance with applicable South Coast AQMD, state, and federal rules and regulations.

ONLINE REGISTRATION FILING

South Coast AQMD has Online Registration Filing for the most frequently used registration forms. You can complete your application, pay the registration fee, and file your registration online for Negative Air Machines (Form 222-A), Boilers/Water Heaters and Process Heaters (Form 222-B), Charbroilers (Form 222-C), Industrial Cooling Towers (Form 222-CT), Power Pressure Washers (Form 222-PW), Tar Pots/Tar Kettles (Form 222-TP), Food Ovens (Form 222-FO), Storage of Odorants (Form 222-OS), Urea Storage (Form 222-U), Portable Diesel Heaters (Form 222-PH), Diesel Fueled Boilers (Form 222-DB), Asphalt Day Tanker (Form 222-AT) Asphalt Pavement Heater (Form 222-AH), and Micro-turbines (Form 222-MT).

Benefits of the Online Registration Filing Program:

- The online application process should take around 20 minutes to complete and obtain a registration via email.

- An approved registration, along with confirmation of filing and payment, are sent directly via email for printing and safekeeping.
- Online users that are responsible for multiple locations can manage them all within the program.
- Online registration for the remaining Rule 222 forms are planned for future release.

PLEASE NOTE: Change of Operator registration applications are not eligible for online processing. Applications for Change of Operator must be submitted by mail.

Step-by-Step Registration Instructions (/docs/default-source/permitting/191213-222-registration-instructions.pdf?sfvrsn=725c361_8) (pdf, 1Mb)
Frequently Asked Questions (/docs/default-source/permitting/online-permit-application-filing/rule-222/faq-for-rule-222-april-2020.pdf?sfvrsn=8858c061_6) (pdf, 129kb)

• **Start the Online Filing process for Rule 222 Registration** (https://xappprod.aqmd.gov/onlineapplicationfiling?roles=100016&reports=100002,100004) •

TO FILE BY MAIL

Select from the PDF forms below to fill in, print, and mail with payment.
Filing Fee: $301.28 (Effective 7/1/2026 - 6/30/2027)

The forms in PDF format are fillable with current or earlier versions of Adobe Acrobat Reader. However, to save a copy of the completed forms, you will need a full version of Adobe Acrobat 7.0 or later.

Equipment Category	Form
Negative Air Machines (Asbestos)	Form 222-A (/docs/default-source/default-document-library/222-a.pdf?sfvrsn=1071f761_0) (pdf, 144kb)*

Boilers/Water Heaters & Process Heaters, (1-2 MM BTU/hr rated heat input)	Form 222-B (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-b.pdf?sfvrsn=6) (pdf, 39kb)*
Charbroilers	Form 222-C (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-c.pdf?sfvrsn=6) (pdf, 44kb)*
Air Curtain Incinerators, Prescribed Fire Vehicles, & Associated Air Pollution Controls	Form 222-ACI (/docs/default-source/aqmd-forms/permit/222-aci.pdf?sfvrsn=c28a667e_3) (pdf, 112kb) ***NEW!***
Oil Production Well Group	Form 222-OW (/docs/default-source/default-document-library/222-ow.pdf?sfvrsn=537ef761_0) (pdf, 722kb)
Natural Gas Well Heads, Well Pumps, Transfer Pumps, & Repressurizing Equipment	Form 222-NPG (/docs/default-source/default-document-library/222npg.pdf?sfvrsn=b07ff761_0) (pdf, 412kb)
Agricultural Engines	Form 222-AG (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-ag.pdf?sfvrsn=6) (pdf, 539kb)
Printing, Coating & Drying Equipment	Form 222-PCD (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-pcd.pdf?sfvrsn=6) (pdf, 39kb)
Agricultural Gasoline Storage & Dispensing Equipment	Form 222-SD (/docs/default-source/default-document-library/r222-sd.pdf?sfvrsn=737ff761_0) (pdf, 498kb)
Facility with No Written Permits & Four Tons or More of VOC Emissions per Year	Form 222-4T (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-4t.pdf?sfvrsn=6) (pdf, 494kb)

Asphalt Day Tanker	Form 222-AT (/docs/default-source/aqmd-forms/Rule-by-Numbers/222-at.pdf?sfvrsn=6) (pdf, 471kb)*
Asphalt Pavement Heater	Form 222-AH (/docs/default-source/default-document-library/222-ah.pdf?sfvrsn=6171f761_6) (pdf, 63kb)*
Diesel Fueled Boiler	Form 222-DB (/docs/default-source/default-document-library/222-db.pdf?sfvrsn=f771f761_0) (pdf, 57kb)*
Food Oven	Form 222-FO (/docs/default-source/permitting/rule-222-forms/222fo.pdf?sfvrsn=c317d661_4) (pdf, 171kb)*
Fuel Cell	Form 222-FC (/docs/default-source/permitting/rule-222-forms/222fc.pdf?sfvrsn=3f14d661_4) (pdf, 186kb)
IC Engines at Remote Radio Transmission Towers	Form 222-RT (/docs/default-source/permitting/rule-222-forms/222rt.pdf?sfvrsn=d317d661_4) (pdf, 176kb)
Micro-Turbines	Form 222-MT (/docs/default-source/default-document-library/222-mt.pdf?sfvrsn=3c7ef761_0) (pdf, 489kb)*
Portable Diesel Fueled Heater	Form 222-PH (/docs/default-source/default-document-library/222-ph.pdf?sfvrsn=977ef761_0) (pdf, 489kb)*
Power Pressure Washer and Hot Water or Steam Washer and Cleaner	Form 222-PW (/docs/default-source/default-document-library/222-pw.pdf?sfvrsn=dc7ef761_0) (pdf, 497kb)*
Storage of Odorants	Form 222-OS (/docs/default-source/default-document-library/222-os.pdf?sfvrsn=a7ef761_0) (pdf, 56kb)*

Tar Pot or Tar Kettle	Form 222-TP (/docs/default-source/default-document-library/222-tp.pdf?sfvrsn=2a7ff761_0) (pdf, 490kb)*
Equipment Used to Store Aqueous Urea Solutions	Form 222-U (/docs/default-source/permitting/rule-222-forms/222u.pdf?sfvrsn=cf17d661_4) (pdf, 294kb)*
Equipment in the Outer Continental Shelf (OCS) Under the Portable Equipment Registration Program (PERP)	Form 222-OCS (/docs/default-source/permitting/rule-222-forms/222ocs.pdf?sfvrsn=cb17d661_4) (pdf, 173kb)
Industrial Cooling Towers	Form 222-CT (/docs/default-source/permitting/rule-222-forms/222ct.pdf?sfvrsn=3b14d661_8) (pdf, 190kb)*

*** Online filing available**

In addition to an initial filing fee, affected equipment are subject to annual renewal fees in accordance with Rule 301(u)(3). For more information about the filing program, please contact Jhoann Lopez (mailto:jlopez@aqmd.gov).

YOU MAY ALSO LIKE ...

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Contact information.

Careers (/careers)
Current employment opportunities at South Coast AQMD

Jurisdiction (/nav/about/jurisdiction)
Cities in South Coast AQMD's jurisdiction

Finance (/nav/about/finance)
South Coast AQMD financial reports, budgets, funding, and billing/payment questions

Jhoann Lopez

First Name

Last Name

Email

Comments

jlopez@aqmd.gov (mailto:jlopez@aqmd.gov)

(909) 396-2034 (tel:+19093962034)

SUBMIT

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South Coast Air Quality Management District

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Questions/Need Info? (mailto:webinquiry@aqmd.gov) Report Website Problem (mailto:webeditor@aqmd.gov)

Attachment 10

NATURAL RESOURCES

1608 Norris Road • Bakersfield, CA 93308

To: Los Angeles Department of Building & Safety
201 N Figueroa St
Los Angeles, CA 90012

From: Louis P. Zylstra, Jr. PE
Senior Vice President – LA BASIN
E&B Natural Resources Management Corporation
249 E Ocean Blvd., Suite 900
Long Beach, CA 90802

CC: Samuel Layton
Production Operations Engineer
E&B Natural Resources

Date: 10/07/2020

Objective: Replacement of three (3) Microturbines – 2126 W Adams Blvd, Los Angeles CA 90018

To Whom It May Concern:

E&B Natural Resources is replacing three outdated Ingersoll-Rand IR 70L- type microturbines with three Capstone C200S-type microturbines at the Murphy Facility, located at 2126 W. Adams Blvd, Los Angeles, CA 90018. The C200S model is a newer, more efficiently designed and operated microturbine (co-generation unit).

Each generating microturbine is to be considered a separate piece of equipment under the State of California's AIR RESOURCES BOARD Executive Order DG-049. E&B has registered each microturbine with the SCAQMD; the local arm of the AIR RESOURCES BOARD. These registrations are attached to this letter.

The local utility provider, which purchases any excess power generated by the microturbines, also has been informed of the replacement of the three separate microturbines.

E&B
NATURAL RESOURCES
1608 Norris Road • Bakersfield, CA 93308

In an effort to maintain consistency between State and Local authorities, E&B has pulled three separate permits with LADBS for the replacement of the microturbines.

For these reasons, E&B believes it is prudent to continue the microturbine replacement inspection and commissioning process as planned with the three separate replacement LADBS permits {attached} rather than combining them into a single permit.

I can be contacted to discuss at (714)-968-4770.

Description of Work:

Existing Model	**To Be Replaced With**
IR 70L, Unit #3	C200S, 10428 – B
IR 70L, Unit #4	C200S, 10428 – C
IR 70L, Unit #5	C200S, 10428 – D

Most Sincerely,

Louis P. Zylstra, Jr., P.E.
RCE C039007 Expires 3-31-2021
Senior Vice President – LA BASIN
E&B Natural Resources

State of California
AIR RESOURCES BOARD

Executive Order DG-049

Distributed Generation Certification of
Capstone Turbine Corporation
C200S Natural Gas CARB Microturbine

WHEREAS, the Air Resources Board (ARB) was given the authority under California Health and Safety Code section 41514.9 to establish a statewide Distributed Generation (DG) Certification Program to certify electrical generation technologies that are exempt from the permit requirements of air pollution control or air quality management districts;

WHEREAS, this DG Certification does not constitute an air pollution permit or eliminate the responsibility of the end user to comply with all federal, state, and local laws, rules, and regulations;

WHEREAS, on June 6, 2011, Capstone Energy Corporation applied for a DG Certification of its 200 kW C200 ICHP Microturbine and whose application was deemed complete on September 1, 2011;

WHEREAS, on February 20, 2018, Capstone Energy Corporation applied for a DG Recertification of its 200 kW C200 ICHP Microturbine renamed to C200S Natural Gas CARB Microturbine and whose application was deemed complete on March 21, 2018;

WHEREAS, the C200S Natural Gas CARB Microturbine is manufactured and sold with integrated combined heat and power technology;

WHEREAS, Capstone Turbine Corporation has demonstrated that the C200S Natural Gas CARB Microturbine complies with the minimum efficiency requirement in title 17, California Code of Regulations (CCR), section 94203(b);

WHEREAS, title 17, CCR, section 94203(b) allows for an energy credit at the rate of one megawatt-hour for each 3.4 million British thermal units of heat recovered to be used when calculating emission rates;

WHEREAS, Capstone Turbine Corporation has demonstrated, according to test methods specified in title 17, CCR, section 94207, that its natural-gas-fueled C200S Natural Gas CARB Microturbine has complied with the following emission standards:

1. Emissions of oxides of nitrogen no greater than 0.07 pounds per megawatt-hour;

2. Emissions of carbon monoxide no greater than 0.10 pounds per megawatt-hour; and

3. Emissions of volatile organic compounds no greater than 0.02 pounds per megawatt-hour.

WHEREAS, Capstone Turbine Corporation has demonstrated that its C200S Natural Gas CARB Microturbine complies with the emission durability requirements in title 17, CCR, section 94203(d);

WHEREAS, I find that the Applicant, Capstone Turbine Corporation, has met the requirements specified in article 3, title 17, CCR, and has satisfactorily demonstrated that the C200S Natural Gas CARB Microturbine meets the DG Certification Regulation 2007 Fossil Fuel Emission Standards;

NOW, THEREFORE, IT IS HEREBY ORDERED, that a DG Recertification, Executive Order DG-049 is granted.

This DG Certification:

1) Is subject to all conditions and requirements of CARB's DG Certification Program, article 3, title 17, CCR, including the provisions relating to inspection, denial, suspension, and revocation.

2) Shall be void if any manufacturer's modification results in an increase in emissions or changes the efficiency or operating conditions of a model, such that the model no longer meets the DG Certification Regulation 2007 Fossil Fuel Emission Standards.

3) Shall expire on the 22nd day of June, 2023.

Executed at Sacramento, California, this 22nd day of June, 2018.

/S/

Floyd V. Vergara, Esq., P.E.
Chief, Industrial Strategies Division

E&B NATURAL RESOURCES

Memorandum

To: Christopher Hassler
From: Sam Layton
CC: Lou Zylstra

This memo is for the registration of the replacement Microtubines at the Murphy Lease.

{BEGIN}

Christopher, we need to replace the outdated Ingersoll-Rand IR 70's with the more efficient Capstone C200S's.

Specifically:

Existing Model	To Be Replaced With
IR 70L, Unit #3	C200S, 10428 – B
IR 70L, Unit #4	C200S, 10428 – C
IR 70L, Unit #5	C200S, 10428 – D

Each unit will need to be registered with SCAQMD per Rule 222(c)(18).

The C200S is California State Certified {EO DG – 049}.

Sincerely,

Sam Layton
Production Operation Engineer
E&B NATURAL RESOURCES – LA BASIN

{END}

South Coast Air Quality Management District

Form 222-MT
Registration for Micro-Turbine

South Coast AQMD

Complete one form per equipment.

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385
www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator): E&B Natural Resources Management Corp

2. Valid AQMD Facility ID (Leave blank if a new business): 191119

3. Owner's Business Name (If different from Business Name of Operator): ☐ Check here if change of operator

Section B - Equipment Location Address

4. Equipment Location Is:

2126 W Adams Blvd
Street Address

Los Angeles, CA 90018
City Zip

Christopher Hassler — Env Coordinator
Contact Name Title

(562) 522-5016 — Ext. — Fax #
Phone #

E-Mail: chassler@ebresources.com

Section C - Business Mailing Address

5. Correspondence Information:
☐ Check here if same as equipment location address

249 E Ocean Blvd, Suite 900
Address

Long Beach, CA 90802
City State Zip

Christopher Hassler — Env Coordinator
Contact Name Title

(562) 522-5016 — Ext. — Fax #
Phone #

E-Mail: chassler@ebresources.com

Section D - Equipment Information

Rule 222(c)(18) MICRO-TURBINE is a stationary gas turbine engine, with a rated maximum heat input capacity of 3,500,000 Btu per hour or less, provided that the cumulative power output of all such engines at a facility is less than two megawatts, and that the engines are certified at the time of manufacture with the state of California or were in operation prior to May 3, 2013. *(Amended May 3, 2013)*

6.

Manufacturer: Capstone

Model No.: C200S-HG4-BU00

Serial No.: 10428-B

Rated Heat Input Capacity: 2,280,000 BTU/hr

Power Output: 0.2 MW (For this Micro-Turbine only)

Types of Fuel Burned: Natural Gas

Total Number of Micro-Turbines at this Facility: 5

Total Power Output from All Micro-Turbines at this Facility: 0.73 MW

Was the micro-turbine in operation prior to May 3, 2013?
- ○ YES *If YES, provide a copy of a previous Permit to Operate.*
- ◉ NO *If NO, provide a copy of the state of California certification.*

Fees are updated on July 1 of each year.
For current fees, please see Rule 301 or go to Rule 222 Filing Program Web Page.

Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

7. Signature of Responsible Official: Christopher J Hassler

8. Title of Responsible Official: Environmental Coordinator

9. Print Name: Christopher Hassler

10. Date: 09/08/2020

11. Check List: ☐ Authorized Signature/Date ☐ Fees Enclosed

AQMD USE ONLY	APPLICATION TRACKING #		EQUIPMENT CATEGORY CODE	FEE $		VALIDATION
	624316					9/17/20
DATE A R	ENG.A DATE R	CLASS I III	ASSIGNMENT Unit R Engineer	CHECK/MONEY ORDER # 481886	AMOUNT $ 217.32	TRACKING # 151911

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Application No.
624318

E&B Natural Resources Management Corp.
2126 W. Adams Blvd.
Los Angeles, CA 90018

Facility ID # 191119

Operating Parameters for Rule 222

Micro-Turbine

Retain these operating parameters and your filing receipt on site.

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this filing is issued unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. An identification tag or nameplate shall be displayed on the equipment to show the manufacturer, model number, serial number, rated maximum heat input capacity, and power output of the equipment. The tag or nameplate shall be affixed to the equipment in a permanent and conspicuous position.

4. This equipment shall be fired with gaseous fuel only.

5. The maximum rated heat input capacity of each gas turbine shall not exceed 3,500,000 Btu per hour and the cumulative power output of all such gas turbines at this facility shall be less than two megawatts.

6. Each gas turbine that is in operation on or after May 3, 2013 shall be certified with the State of California at the time of manufacture. Records of each applicable certification and date of each gas turbine initial operation shall be retained and shall be made available to the Executive Officer or representative upon request.

South Coast Air Quality Management District

Form 222-MT
Registration for Micro-Turbine

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385
www.aqmd.gov

South Coast AQMD

Complete one form per equipment.

Section A - Operator Information

1. **Facility Name** (Business Name of Operator): E&B Natural Resources Management Corp

2. **Valid AQMD Facility ID** (Leave blank if a new business): 191119

3. **Owner's Business Name** (If different from Business Name of Operator): ☐ Check here if change of operator

Section B - Equipment Location Address

4. **Equipment Location Is:**

2126 W Adams Blvd
Street Address

Los Angeles, CA 90018
City, State, Zip

Christopher Hassler — Env Coordinator
Contact Name — Title

(562) 522-5016 — Ext. — Fax #
Phone #

E-Mail: chassler@ebresources.com

Section C - Business Mailing Address

5. **Correspondence Information:** ☐ Check here if same as equipment location address

249 E Ocean Blvd, Suite 900
Address

Long Beach, CA 90802
City, State, Zip

Christopher Hassler — Env Coordinator
Contact Name — Title

(562) 522-5016 — Ext. — Fax #
Phone #

E-Mail: chassler@ebresources.com

Section D - Equipment Information

Rule 222(c)(18) MICRO-TURBINE is a stationary gas turbine engine, with a rated maximum heat input capacity of 3,500,000 Btu per hour or less, provided that the cumulative power output of all such engines at a facility is less than two megawatts, and that the engines are certified at the time of manufacture with the state of California or were in operation prior to May 3, 2013. *(Amended May 3, 2013)*

6.

Manufacturer: Capstone

Model No.: C200S-HG4-BU00

Serial No.: 10428-C

Rated Heat Input Capacity: 2,280,000 BTU/hr

Power Output: 0.2 MW (For this Micro-Turbine only)

Types of Fuel Burned: Natural Gas

Total Number of Micro-Turbines at this Facility: 5

Total Power Output from All Micro-Turbines at this Facility: 0.73 MW

Was the micro-turbine in operation prior to May 3, 2013?
- ○ YES *If YES, provide a copy of a previous Permit to Operate.*
- ◉ NO *If NO, provide a copy of the state of California certification.*

Fees are updated on July 1 of each year.
For current fees, please see Rule 301 or go to Rule 222 Filing Program Web Page.

Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

7. **Signature of Responsible Official:**

8. **Title of Responsible Official:** Environmental Coordinator

9. **Print Name:** Christopher Hassler

10. **Date:** 09/08/2020

11. **Check List:** ☐ Authorized Signature/Date ☐ Fees Enclosed

AQMD USE ONLY	APPLICATION TRACKING #		EQUIPMENT CATEGORY CODE	FEE $	VALIDATION
	624318 PG				9/17/2020
DATE A R	ENG.A R DATE	CLASS I III	ASSIGNMENT Unit F Engineer	CHECK/MONEY ORDER # 481887	AMOUNT $ 217.32	TRACKING # 151913

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Application No.
624316

Facility ID # 191119

E&B Natural Resources Management Corp.
2126 W. Adams Blvd.
Los Angeles, CA 90018

Operating Parameters for Rule 222

Micro-Turbine

Retain these operating parameters and your filing receipt on site.

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this filing is issued unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. An identification tag or nameplate shall be displayed on the equipment to show the manufacturer, model number, serial number, rated maximum heat input capacity, and power output of the equipment. The tag or nameplate shall be affixed to the equipment in a permanent and conspicuous position.

4. This equipment shall be fired with gaseous fuel only.

5. The maximum rated heat input capacity of each gas turbine shall not exceed 3,500,000 Btu per hour and the cumulative power output of all such gas turbines at this facility shall be less than two megawatts.

6. Each gas turbine that is in operation on or after May 3, 2013 shall be certified with the State of California at the time of manufacture. Records of each applicable certification and date of each gas turbine initial operation shall be retained and shall be made available to the Executive Officer or representative upon request.

South Coast Air Quality Management District

Form 222-MT
Registration for Micro-Turbine

Complete one form per equipment.

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385
www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator): E&B Natural Resources Management Corp

2. Valid AQMD Facility ID (Leave blank if a new business): 191119

3. Owner's Business Name (If different from Business Name of Operator): ☐ Check here if change of operator

Section B - Equipment Location Address

4. Equipment Location Is:

2126 W Adams Blvd
Street Address

Los Angeles, CA 90018
City Zip

Christopher Hassler — Env Coordinator
Contact Name Title

(562) 522-5016 — — —
Phone # Ext. Fax #

E-Mail: chassler@ebresources.com

Section C - Business Mailing Address

5. Correspondence Information:
☐ Check here if same as equipment location address

249 E Ocean Blvd, Suite 900
Address

Long Beach, CA 90802
City State Zip

Christopher Hassler — Env Coordinator
Contact Name Title

(562) 522-5016 — —
Phone # Ext. Fax #

E-Mail: chassler@ebresources.com

Section D - Equipment Information

Rule 222(c)(18) MICRO-TURBINE is a stationary gas turbine engine, with a rated maximum heat input capacity of 3,500,000 Btu per hour or less, provided that the cumulative power output of all such engines at a facility is less than two megawatts, and that the engines are certified at the time of manufacture with the state of California or were in operation prior to May 3, 2013. *(Amended May 3, 2013)*

6.

Manufacturer: Capstone

Model No.: C200S-HG4-BU00

Serial No.: 10428-D

Rated Heat Input Capacity: 2,280,000 BTU/hr

Power Output: 0.2 MW (For this Micro-Turbine only)

Types of Fuel Burned: Natural Gas

Total Number of Micro-Turbines at this Facility: 5

Total Power Output from All Micro-Turbines at this Facility: 0.73 MW

Was the micro-turbine in operation prior to May 3, 2013?
- ○ YES *If YES, provide a copy of a previous Permit to Operate.*
- ◉ NO *If NO, provide a copy of the state of California certification.*

Fees are updated on July 1 of each year.
For current fees, please see Rule 301 or go to Rule 222 Filing Program Web Page.

Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

7. Signature of Responsible Official:

8. Title of Responsible Official: Environmental Coordinator

9. Print Name: Christopher Hassler

10. Date: 09/08/2020

11. Check List: ☐ Authorized Signature/Date ☐ Fees Enclosed

AQMD USE ONLY	APPLICATION TRACKING # 624317		EQUIPMENT CATEGORY CODE:	FEE $	VALIDATION 9/17/20 PY
DATE A R	ENG.A R DATE	CLASS I III	ASSIGNMENT Unit F Engineer	CHECK/MONEY ORDER # 481888	AMOUNT $ 217.32	TRACKING # 157912

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Application No.
624317

E&B Natural Resources Management Corp.
2126 W. Adams Blvd.
Los Angeles, CA 90018

Facility ID # 191119

Operating Parameters for Rule 222

Micro-Turbine

Retain these operating parameters and your filing receipt on site.

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this filing is issued unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. An identification tag or nameplate shall be displayed on the equipment to show the manufacturer, model number, serial number, rated maximum heat input capacity, and power output of the equipment. The tag or nameplate shall be affixed to the equipment in a permanent and conspicuous position.

4. This equipment shall be fired with gaseous fuel only.

5. The maximum rated heat input capacity of each gas turbine shall not exceed 3,500,000 Btu per hour and the cumulative power output of all such gas turbines at this facility shall be less than two megawatts.

6. Each gas turbine that is in operation on or after May 3, 2013 shall be certified with the State of California at the time of manufacture. Records of each applicable certification and date of each gas turbine initial operation shall be retained and shall be made available to the Executive Officer or representative upon request.

2126 W Adams Blvd

Permit #: **20041 - 90000 - 32853**
Plan Check #:
Event Code:
Printed: 09/30/20 06:05 PM

Electrical
Special Equipment
Express Permit
No Plan Check

City of Los Angeles - Department of Building and Safety

APPLICATION FOR ELECTRICAL

PLAN CHECK AND INSPECTION

Issued On: 09/30/2020
Last Status: Issued
Status Date: 09/30/2020

1. PROPERTY OWNER

ROMAN CATHOLIC ARCHBISHOP OF L A 3424 WILSHIRE BLVD 4TH FL LOS ANGELES CA 90010

2. APPLICANT INFORMATION (Relationship: Net Applicant)

HUNG NGUYEN 7325 E AVENIDA JUAREZ AVE ANAHEIM, CA 92808 (714) 872-6800

3. TENANT INFORMATION

4. CONTRACTOR, ARCHITECT, & ENGINEER NAME | **ADDRESS** | **CLASS** | **LICENSE #** | **PHONE #**

(C) DIRECT SOURCE ELECTRIC | 7325 AVENIDA ANAHEIM, CA 92808 | C10 | 1008512 | (714) 872-6800

5. APPLICATION COMMENTS

E-Permit paid by credit card, fax number-> (714)872-6800.

6. DESCRIPTION OF WORK

Replacement existing Micro gas turbine to Capstone C200 gas turbine.

7. CHECKLIST ITEMS:

8. COUNCIL DISTRICT: 10

9. APPLICATION PROCESSING INFORMATION

Plan Check By:

OK for Cashier:

Signature:_____ Date:_____

For inspection requests, call toll-free **(888) LA4BUILD (524-2845).** Outside LA County, call (213) 473-3231 or request inspections via **www.ladbs.org.** To speak to a Call Center agent, call **311** or (866) 4LACITY (452-2489). Outside LA County, call (213) 473-3231.

For Cashier's Use Only **W/O #: 04132853**

2126 W Adams Blvd 20041 - 90000 - 32853

NOTICE:

The work included in this permit shall not be construed as establishing the legal number of dwelling units or guest rooms. That number is established by a Building Permit or a Certificate of Occupancy. In the event that any box (i.e. 1-10) is filled to its capacity, it is possible that additional information has been captured electronically and could not be printed due to space restrictions. Nevertheless, the information printed exceeds that required by Section 19825 of the Health and Safety Code of the State of California.

10. FEE INFORMATION

Inspection Fee Period
Permit Fee: **59.95**

INSPECTION TOTAL Electrical	59.95
Permit Total	59.95
Permit Fee Subtotal Electrical	55.00
Permit D.S.C. Surcharge	1.65
Permit Sys. Development Surcharge	3.30
Permit Issuing Fee	0.00

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95

20041 - 90000 - 32853

11. FEE ITEM INFORMATION

EXISTING BRANCH CIRCUITS

Number of Units (1) 18.00

PERMIT EXPIRATION/REFUNDS : This permit expires two years after the date of the permit issuance. This permit will also expire if no construction work is performed for a continuous period of 180 days (Sec. 98.0602 LAMC). Claims for refund of fees paid must be filed within one year from the date of expiration for permits granted by LADBS (Sec. 22.12 & 22.13 LAMC). The permittee may be entitled to reimbursement of permit fees if the Department fails to conduct an inpection within 60 days of receiving a request for final inspection (HS 17951).

12. LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. The following applies to B contractors only: I understand the limitations of Section 7057 of the Business and Professional Code related to my ability to take prime contracts or subcontracts involving specialty trades.

License Class: C10 License No.: 1008512 Contractor: DIRECT SOURCE ELECTRIC INC

13. WORKERS' COMPENSATION DECLARATION

I hereby affirm, under penalty of perjury, one of the following declarations:

( ) I have and will maintain a certificate of consent to self insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

(X) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: TBD Policy Number: TWC3870133

( ) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

14. ASBESTOS REMOVAL DECLARATION / LEAD HAZARD WARNING

I certify that notification of asbestos removal is either not applicable or has been submitted to the AQMD or EPA as per section 19827.5 of the Health and Safety Code. Information is available at Lead safe construction practices are required when doing repairs that disturb paint in pre-1978 buildings due to the presence of lead www.aqmd.gov (909) 396-2336 and the notification form at per section 6716 and 6717 of the Labor Code. Information is available at Health Services for LA County at (800) 524-5323 or the State of California at (800) 597-5323 or www.dhs.ca.gov/childlead

15. CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code).

Lender's Name (If Any): Lender's Address:

16. FINAL DECLARATION

I certify that I have read this application **INCLUDING THE ABOVE DECLARATIONS** and state that the above information **INCLUDING THE ABOVE DECLARATIONS** is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes. I realize that this permit is an application for inspection and that it does not approve or authorize the work specified herein, and it does not authorize or permit any violation or failure to comply with any applicable law. Furthermore, neither the City of Los Angeles nor any board, department officer, or employee thereof, make any warranty, nor shall be responsible for the performance or results of any work described herein, nor the condition of the property nor the soil upon which such work is performed. I further affirm under penalty of perjury, that the proposed work will not destroy or unreasonably interfere with any access or utility easement belonging to others and located on my property, but in the event such work does destroy or unreasonably interfere with such easement, a substitute easement(s) satisfactory to the holder(s) of the easement will be provided (Sec. 91.0106.4.3.4 LAMC).

By signing below, I certify that:

(1) I accept all the declarations above namely the Licensed Contractor's Declaration, Workers' Compensation Declaration, Asbestos Removal Declaration / Lead Hazard Warning, Construction Lending Agency Declaration, and Final Declaration; and

(2) This permit is being obtained with the consent of the legal owner of the property.

Print Name: HUNG NGUYEN Sign: Internet e-Permit System Declaration Date: 09/30/2020 [X] Contractor [ ] Authorized Agent

EXPRESS PERMIT INSPECTION RECORD

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

Your feedback is important. Please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf. If you would like to provide additional feedback, need clarification, or have any questions regarding plan check or inspection matters, please call our Customer Hotline at (213) 482-0056.

For use by cashier only

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95
Method:

PERMIT #: 20041 - 90000 - 32853
ADDRESS: 2126 W Adams Blvd
OWNER: ROMAN CATHOLIC ARCHBISHOP OF L A
3424 WILSHIRE BLVD 4TH FL
LOS ANGELES CA 90010

Electrical
Special Equipment
Express Permit
No Plan Check

JOB DESCRIPTION: Replacement existing Micro gas turbine to Capstone C200 gas turbine.

INSPECTION RECORDS AND PLANS MUST BE AVAILABLE DURING INSPECTION

GRADING INSPECTIONS		
TYPE	DATE	INSPECTOR
Initial Grading		
Toe or Bottom		
Soils Report Approved		
DO NOT PLACE FILL UNTIL ABOVE IS SIGNED		
Backfill		
Fill		
Excavation		
Drainage Devices		
Rough Grading		
Approved Compaction Report		
FOOTING INSPECTIONS		
Footing Excavation		
Forms		
Reinforcing Steel		
OK to Place Concrete		
GROUNDWORK INSPECTIONS		
Electrical		
Plumbing		
Plumbing Methane		
Gas Piping		
Heating & Refrigeration		
Fire Sprinklers		
Disabled Access		
Methane		
OK to Place Floor		
DO NOT PLACE FLOOR UNTIL ABOVE IS SIGNED		
ROUGH INSPECTIONS		
Green Code		
Electrical		
Plumbing		
Fire Sprinkler		
Heating & Refrigeration		
Roof Sheathing		
Disabled Access		
Framing		
Insulation		
Suspended Ceiling		
OK to Cover		

FOR INSPECTION REQUESTS, PLEASE CALL
3-1-1 OR OUTSIDE CITY OF LOS ANGELES
888-LA4-BUILD (888)524-2845 or www.ladbs.org

DO NOT COVER UNTIL PREVIOUS IS SIGNED		
TYPE	DATE	INSPECTOR
Exterior Lathing		
Interior Lathing		
Drywall		
DO NOT COVER UNTIL ABOVE IS SIGNED		
WORK OUTSIDE OF THE BUILDING		
Electrical Underground		
Gas		
Heating & Refrigeration		
Sewer		
Disabled Access		
POOL INSPECTIONS		
Excavation		
Reinforcing Steel		
Bonding		
Piping		
Pre-Gunite		
Deck		
Enclosure/Fence		
Pool/Spa Cover		
DO NOT FILL POOL UNTIL ABOVE IS SIGNED		
FINAL INSPECTIONS		
Grading		
Electrical		
Plumbing		
Gas Test		
Gas		
Heating & Refrigeration		
Pressure Vessels		
Elevator		
Fire Sprinkler		
Disabled Access		
Green Building		
LAFD (Title 19 only)		
LAFD Fire Life Safety		
Pool Final		
AQMD Sign-off Provided		
Public Works		
Building		
PROJECT FINAL		

Certificate of Occupancy Required ☐ YES ☐ NO

B- 8 Card re v. 042011 RO

SUPPLEMENTAL NOTES:

IMPORTANT NOTICE

* **Prior to the start of any construction work adjacent to any public way, pedestrian protection shall be provided (Sec. 91.3303 L.A.M.C.).**
* Inspection(s) may be requested anytime via the internet or touch tone phone. To request an inspection via the internet, go to www.ladbs.org and click on "Request an Inspection" under Online Services. To request an inspection via touch tone phone, call toll free (888) LA4BUILD (888-524-2845) and select option 1 for Automated Request System. To request an inspection via the Customer Call Center, call 3-1-1 within the City of Los Angeles or (213) 473-3231 outside the City of Los Angeles between 7:00 a.m. and 10:00 p.m. When requesting an inspection, the following are required: (1)The job address, (2)Type of inspection, (3)Use of building, (4)Permit number, (5)Phone number of a contact person should the department need to reach someone.
* Inspection requests received before 4:00 p.m. Monday through Friday (excluding holidays) will normally be made the next business day. Requests received after 4:00 p.m. will be made following the next business day. The Automated Inspection Call Back System (AICBS) will attempt to telephone the contact phone number to confirm the Inspection.
* Permit fees provide for a limited number of inspections. A reinspection fee may be assessed when the work for which an inspection was requested is not complete, when the inspection record or plans are not available, or when there is failure to provide site access to department staff.
* No person shall perform any construction or repair work between the hours of 9:00 p.m.(6:00 p.m. grading) and 7:00 a.m. the following day which results in loud noises to the disturbance of persons occupying sleeping quarters in any dwelling , hotel, motel, apartment, or other place of residence (Sec. 41.40 L.A. M.C.).
* No person, other than an individual homeowner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind upon any building or structure located on land developed with residential buildings or perform work within 500 feet of land so occupied, before 8:00 a.m. or after 6:00 p.m. on any Saturday or at any time on Sunday (Sec. 41.40 L.A.M.C.).
* Dust control measures to prevent dust from being blown or deposited over or upon any private property in any residential area must be implemented during any excavation or earth-moving phase of construction, sand blasting , or demolition.
* A separate permit from the State of California Division of Industrial Safety is required prior to starting certain work involving substantial risk to workers such as: construction or demolition exceeding 3 stories or 36 feet in height, or excavations or trenches over 5 feet in depth involving entry by workers.
* Building permits are valid for two years or expire on the 180th day from the date of issuance if the work permitted has not commenced. The department reserves the right to expire any permit where work has been suspended for a period of 180 days or more.
* Inspection services will not be provided when there is an unleashed dog on the premises.

BUILDING AND SAFETY PERMIT AND PLAN CHECK OFFICE LOCATIONS

Downtown Los Angeles
201 N. Figueroa St., 4th Fl.
Los Angeles, CA 90012

Van Nuys
6262 Van Nuys Blvd., 2nd Fl.
Van Nuys, CA 91401

West Los Angeles
1828 Sawtelle Blvd., 2nd Fl.
Los Angeles, CA 90025

San Pedro
638 S. Beacon St., 2nd Fl.
San Pedro, CA 90731

South Los Angeles
8475 S. Vermont Ave., 2nd Fl.
Los Angeles, CA 90044

2126 W Adams Blvd

Permit #: **20041 - 90000 - 32853**
Plan Check #:
Event Code:
Printed: 09/30/20 06:05 PM

Electrical
Special Equipment
Express Permit
No Plan Check

City of Los Angeles - Department of Building and Safety

APPLICATION FOR ELECTRICAL PLAN CHECK AND INSPECTION

Issued On: 09/30/2020
Last Status: Issued
Status Date: 09/30/2020

1. PROPERTY OWNER

ROMAN CATHOLIC ARCHBISHOP OF L A 3424 WILSHIRE BLVD 4TH FL LOS ANGELES CA 90010

2. APPLICANT INFORMATION (Relationship: Net Applicant)

HUNG NGUYEN 7325 E AVENIDA JUAREZ AVE ANAHEIM, CA 92808 (714) 872-6800

3. TENANT INFORMATION

4. CONTRACTOR, ARCHITECT, & ENGINEER NAME	ADDRESS		CLASS	LICENSE #	PHONE #
(C) DIRECT SOURCE ELECTRIC	7325 AVENIDA	ANAHEIM, CA 92808	C10	1008512	(714) 872-6800

5.APPLICATION COMMENTS

E-Permit paid by credit card, fax number-> (714)872-6800.

6. DESCRIPTION OF WORK

Replacement existing Micro gas turbine to Capstone C200 gas turbine.

7. CHECKLIST ITEMS:

8. COUNCIL DISTRICT: 10

9. APPLICATION PROCESSING INFORMATION

Plan Check By:

OK for Cashier:

Signature:_____ Date:_____

For inspection requests, call toll-free **(888) LA4BUILD (524-2845).** Outside LA County, call (213) 473-3231 or request inspections via **www.ladbs.org.** To speak to a Call Center agent, call **311** or (866) 4LACITY (452-2489). Outside LA County, call (213) 473-3231.

For Cashier's Use Only **W/O #: 04132853**

NOTICE:

The work included in this permit shall not be construed as establishing the legal number of dwelling units or guest rooms. That number is established by a Building Permit or a Certificate of Occupancy. In the event that any box (i.e. 1-10) is filled to its capacity, it is possible that additional information has been captured electronically and could not be printed due to space restrictions. Nevertheless, the information printed exceeds that required by Section 19825 of the Health and Safety Code of the State of California.

10. FEE INFORMATION

Inspection Fee Period

Permit Fee: **59.95**

INSPECTION TOTAL Electrical	59.95
Permit Total	59.95
Permit Fee Subtotal Electrical	55.00
Permit D.S.C. Surcharge	1.65
Permit Sys. Development Surcharge	3.30
Permit Issuing Fee	0.00

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95

2126 W Adams Blvd
20041 - 90000 - 32853

11. FEE ITEM INFORMATION

EXISTING BRANCH CIRCUITS

Number of Units	(1)	18.00

PERMIT EXPIRATION/REFUNDS : This permit expires two years after the date of the permit issuance. This permit will also expire if no construction work is performed for a continuous period of 180 days (Sec. 98.0602 LAMC). Claims for refund of fees paid must be filed within one year from the date of expiration for permits granted by LADBS (Sec. 22.12 & 22.13 LAMC). The permittee may be entitled to reimbursement of permit fees if the Department fails to conduct an inpection within 60 days of receiving a request for final inspection (HS 17951).

12. LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. The following applies to B contractors only: I understand the limitations of Section 7057 of the Business and Professional Code related to my ability to take prime contracts or subcontracts involving specialty trades.

License Class: **C10** License No.: **1008512** Contractor: **DIRECT SOURCE ELECTRIC INC**

13. WORKERS' COMPENSATION DECLARATION

I hereby affirm, under penalty of perjury, one of the following declarations:

(__) I have and will maintain a certificate of consent to self insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

(**X**) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: **TBD** Policy Number: **TWC3870133**

(__) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

14. ASBESTOS REMOVAL DECLARATION / LEAD HAZARD WARNING

I certify that notification of asbestos removal is either not applicable or has been submitted to the AQMD or EPA as per section 19827.5 of the Health and Safety Code. Information is available at Lead safe construction practices are required when doing repairs that disturb paint in pre-1978 buildings due to the presence of lead www.aqmd.gov (909) 396-2336 and the notification form at per section 6716 and 6717 of the Labor Code. Information is available at Health Services for LA County at (800) 524-5323 or the State of California at (800) 597-5323 or www.dhs.ca.gov/childlead

15. CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code).

Lender's Name (If Any): _____ Lender's Address: _____

16. FINAL DECLARATION

I certify that I have read this application **INCLUDING THE ABOVE DECLARATIONS** and state that the above information **INCLUDING THE ABOVE DECLARATIONS** is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes. I realize that this permit is an application for inspection and that it does not approve or authorize the work specified herein, and it does not auhorize or permit any violation or failure to comply with any applicable law. Furthermore, neither the City of Los Angeles nor any board, department officer, or employee thereof, make any warranty, nor shall be responsible for the performance or results of any work described herein, nor the condition of the property nor the soil upon which such work is performed. I further affirm under penalty of perjury, that the proposed work will not destroy or unreasonably interfere with any access or utility easement belonging to others and located on my property, but in the event such work does destroy or unreasonably interfere with such easement, a substitute easement(s) satisfactory to the holder(s) of the easement will be provided (Sec. 91.0106.4.3.4 LAMC).

By signing below, I certify that:

(1) I accept all the declarations above namely the Licensed Contractor's Declaration, Workers' Compensation Declaration, Asbestos Removal Declaration / Lead Hazard Warning, Construction Lending Agency Declaration, and Final Declaration; and

(2) This permit is being obtained with the consent of the legal owner of the property.

Print Name: **HUNG NGUYEN** Sign: **Internet e-Permit System Declaration** Date: **09/30/2020** [X] Contractor [ ] Authorized Agent

EXPRESS PERMIT INSPECTION RECORD

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

Your feedback is important. Please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf. If you would like to provide additional feedback, need clarification, or have any questions regarding plan check or inspection matters, please call our Customer Hotline at (213) 482-0056.

For use by cashier only

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95
Method:

PERMIT #: 20041 - 90000 - 32853
ADDRESS: 2126 W Adams Blvd
OWNER: ROMAN CATHOLIC ARCHBISHOP OF L A
3424 WILSHIRE BLVD 4TH FL
LOS ANGELES CA 90010

Electrical
Special Equipment
Express Permit
No Plan Check

JOB DESCRIPTION: Replacement existing Micro gas turbine to Capstone C200 gas turbine.

INSPECTION RECORDS AND PLANS MUST BE AVAILABLE DURING INSPECTION

GRADING INSPECTIONS		
TYPE	DATE	INSPECTOR
Initial Grading		
Toe or Bottom		
Soils Report Approved		
DO NOT PLACE FILL UNTIL ABOVE IS SIGNED		
Backfill		
Fill		
Excavation		
Drainage Devices		
Rough Grading		
Approved Compaction Report		
FOOTING INSPECTIONS		
Footing Excavation		
Forms		
Reinforcing Steel		
OK to Place Concrete		
GROUNDWORK INSPECTIONS		
Electrical		
Plumbing		
Plumbing Methane		
Gas Piping		
Heating & Refrigeration		
Fire Sprinklers		
Disabled Access		
Methane		
OK to Place Floor		
DO NOT PLACE FLOOR UNTIL ABOVE IS SIGNED		
ROUGH INSPECTIONS		
Green Code		
Electrical		
Plumbing		
Fire Sprinkler		
Heating & Refrigeration		
Roof Sheathing		
Disabled Access		
Framing		
Insulation		
Suspended Ceiling		
OK to Cover		

FOR INSPECTION REQUESTS, PLEASE CALL
3-1-1 OR OUTSIDE CITY OF LOS ANGELES
888-LA4-BUILD (888)524-2845 or www.ladbs.org

DO NOT COVER UNTIL PREVIOUS IS SIGNED		
TYPE	DATE	INSPECTOR
Exterior Lathing		
Interior Lathing		
Drywall		
DO NOT COVER UNTIL ABOVE IS SIGNED		
WORK OUTSIDE OF THE BUILDING		
Electrical Underground		
Gas		
Heating & Refrigeration		
Sewer		
Disabled Access		
POOL INSPECTIONS		
Excavation		
Reinforcing Steel		
Bonding		
Piping		
Pre-Gunite		
Deck		
Enclosure/Fence		
Pool/Spa Cover		
DO NOT FILL POOL UNTIL ABOVE IS SIGNED		
FINAL INSPECTIONS		
Grading		
Electrical		
Plumbing		
Gas Test		
Gas		
Heating & Refrigeration		
Pressure Vessels		
Elevator		
Fire Sprinkler		
Disabled Access		
Green Building		
LAFD (Title 19 only)		
LAFD Fire Life Safety		
Pool Final		
AQMD Sign-off Provided		
Public Works		
Building		
PROJECT FINAL		

Certificate of Occupancy Required ☐ YES ☐ NO

B- 8 Card re v. 042011 RO

SUPPLEMENTAL NOTES:

IMPORTANT NOTICE

* **Prior to the start of any construction work adjacent to any public way, pedestrian protection shall be provided (Sec. 91.3303 L.A.M.C.).**
* Inspection(s) may be requested anytime via the internet or touch tone phone. To request an inspection via the internet, go to www.ladbs.org and click on "Request an Inspection" under Online Services. To request an inspection via touch tone phone, call toll free (888) LA4BUILD (888-524-2845) and select option 1 for Automated Request System. To request an inspection via the Customer Call Center, call 3-1-1 within the City of Los Angeles or (213) 473-3231 outside the City of Los Angeles between 7:00 a.m. and 10:00 p.m. When requesting an inspection, the following are required: (1)The job address, (2)Type of inspection, (3)Use of building, (4)Permit number, (5)Phone number of a contact person should the department need to reach someone.
* Inspection requests received before 4:00 p.m. Monday through Friday (excluding holidays) will normally be made the next business day. Requests received after 4:00 p.m. will be made following the next business day. The Automated Inspection Call Back System (AICBS) will attempt to telephone the contact phone number to confirm the Inspection.
* Permit fees provide for a limited number of inspections. A reinspection fee may be assessed when the work for which an inspection was requested is not complete, when the inspection record or plans are not available, or when there is failure to provide site access to department staff.
* No person shall perform any construction or repair work between the hours of 9:00 p.m.(6:00 p.m. grading) and 7:00 a.m. the following day which results in loud noises to the disturbance of persons occupying sleeping quarters in any dwelling , hotel, motel, apartment, or other place of residence (Sec. 41.40 L.A. M.C.).
* No person, other than an individual homeowner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind upon any building or structure located on land developed with residential buildings or perform work within 500 feet of land so occupied, before 8:00 a.m. or after 6:00 p.m. on any Saturday or at any time on Sunday (Sec. 41.40 L.A.M.C.).
* Dust control measures to prevent dust from being blown or deposited over or upon any private property in any residential area must be implemented during any excavation or earth-moving phase of construction, sand blasting , or demolition.
* A separate permit from the State of California Division of Industrial Safety is required prior to starting certain work involving substantial risk to workers such as: construction or demolition exceeding 3 stories or 36 feet in height, or excavations or trenches over 5 feet in depth involving entry by workers.
* Building permits are valid for two years or expire on the 180th day from the date of issuance if the work permitted has not commenced. The department reserves the right to expire any permit where work has been suspended for a period of 180 days or more.
* Inspection services will not be provided when there is an unleashed dog on the premises.

BUILDING AND SAFETY PERMIT AND PLAN CHECK OFFICE LOCATIONS

Downtown Los Angeles
201 N. Figueroa St., 4th Fl.
Los Angeles, CA 90012

Van Nuys
6262 Van Nuys Blvd., 2nd Fl.
Van Nuys, CA 91401

West Los Angeles
1828 Sawtelle Blvd., 2nd Fl.
Los Angeles, CA 90025

San Pedro
638 S. Beacon St., 2nd Fl.
San Pedro, CA 90731

South Los Angeles
8475 S. Vermont Ave., 2nd Fl.
Los Angeles, CA 90044

2126 W Adams Blvd

Permit #: **20041 - 90000 - 32852**
Plan Check #:
Event Code:
Printed: 09/30/20 06:05 PM

Electrical
Special Equipment
Express Permit
No Plan Check

City of Los Angeles - Department of Building and Safety

APPLICATION FOR ELECTRICAL PLAN CHECK AND INSPECTION

Issued On: 09/30/2020
Last Status: Issued
Status Date: 09/30/2020

1. PROPERTY OWNER

ROMAN CATHOLIC ARCHBISHOP OF L A 3424 WILSHIRE BLVD 4TH FL LOS ANGELES CA 90010

2. APPLICANT INFORMATION (Relationship: Net Applicant)

HUNG NGUYEN 7325 E AVENIDA JUAREZ AVE ANAHEIM, CA 92808 (714) 872-6800

3. TENANT INFORMATION

4. CONTRACTOR, ARCHITECT, & ENGINEER NAME	ADDRESS		CLASS	LICENSE #	PHONE #
(C) DIRECT SOURCE ELECTRIC	7325 AVENIDA	ANAHEIM, CA 92808	C10	1008512	(714) 872-6800

5.APPLICATION COMMENTS

E-Permit paid by credit card, fax number-> (714)872-6800.

6. DESCRIPTION OF WORK

replacement existing Micro gas turbine to Capstone gas turbine C200

7. CHECKLIST ITEMS:

8. COUNCIL DISTRICT: 10

9. APPLICATION PROCESSING INFORMATION

Plan Check By:

OK for Cashier:

Signature:_____ Date:_____

For inspection requests, call toll-free **(888) LA4BUILD (524-2845).** Outside LA County, call (213) 473-3231 or request inspections via **www.ladbs.org.** To speak to a Call Center agent, call **311** or (866) 4LACITY (452-2489). Outside LA County, call (213) 473-3231.

For Cashier's Use Only **W/O #: 04132852**

2126 W Adams Blvd
20041 - 90000 - 32852

NOTICE:

The work included in this permit shall not be construed as establishing the legal number of dwelling units or guest rooms. That number is established by a Building Permit or a Certificate of Occupancy. In the event that any box (i.e. 1-10) is filled to its capacity, it is possible that additional information has been captured electronically and could not be printed due to space restrictions. Nevertheless, the information printed exceeds that required by Section 19825 of the Health and Safety Code of the State of California.

10. FEE INFORMATION

Inspection Fee Period

Permit Fee: **59.95**

INSPECTION TOTAL Electrical	59.95
Permit Total	59.95
Permit Fee Subtotal Electrical	55.00
Permit D.S.C. Surcharge	1.65
Permit Sys. Development Surcharge	3.30
Permit Issuing Fee	0.00

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95

11. FEE ITEM INFORMATION

EXISTING BRANCH CIRCUITS

Number of Units	(1)	18.00

PERMIT EXPIRATION/REFUNDS : This permit expires two years after the date of the permit issuance. This permit will also expire if no construction work is performed for a continuous period of 180 days (Sec. 98.0602 LAMC). Claims for refund of fees paid must be filed within one year from the date of expiration for permits granted by LADBS (Sec. 22.12 & 22.13 LAMC). The permittee may be entitled to reimbursement of permit fees if the Department fails to conduct an inpection within 60 days of receiving a request for final inspection (HS 17951).

12. LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. The following applies to B contractors only: I understand the limitations of Section 7057 of the Business and Professional Code related to my ability to take prime contracts or subcontracts involving specialty trades.

License Class: **C10** License No.: **1008512** Contractor: **DIRECT SOURCE ELECTRIC INC**

13. WORKERS' COMPENSATION DECLARATION

I hereby affirm, under penalty of perjury, one of the following declarations:

(__) I have and will maintain a certificate of consent to self insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

(**X**) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: **TBD** Policy Number: **TWC3870133**

(__) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

14. ASBESTOS REMOVAL DECLARATION / LEAD HAZARD WARNING

I certify that notification of asbestos removal is either not applicable or has been submitted to the AQMD or EPA as per section 19827.5 of the Health and Safety Code. Information is available at Lead safe construction practices are required when doing repairs that disturb paint in pre-1978 buildings due to the presence of lead www.aqmd.gov (909) 396-2336 and the notification form at per section 6716 and 6717 of the Labor Code. Information is available at Health Services for LA County at (800) 524-5323 or the State of California at (800) 597-5323 or www.dhs.ca.gov/childlead

15. CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code).

Lender's Name (If Any): _____ Lender's Address: _____

16. FINAL DECLARATION

I certify that I have read this application **INCLUDING THE ABOVE DECLARATIONS** and state that the above information **INCLUDING THE ABOVE DECLARATIONS** is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes. I realize that this permit is an application for inspection and that it does not approve or authorize the work specified herein, and it does not auhorize or permit any violation or failure to comply with any applicable law. Furthermore, neither the City of Los Angeles nor any board, department officer, or employee thereof, make any warranty, nor shall be responsible for the performance or results of any work described herein, nor the condition of the property nor the soil upon which such work is performed. I further affirm under penalty of perjury, that the proposed work will not destroy or unreasonably interfere with any access or utility easement belonging to others and located on my property, but in the event such work does destroy or unreasonably interfere with such easement, a substitute easement(s) satisfactory to the holder(s) of the easement will be provided (Sec. 91.0106.4.3.4 LAMC).

By signing below, I certify that:

(1) I accept all the declarations above namely the Licensed Contractor's Declaration, Workers' Compensation Declaration, Asbestos Removal Declaration / Lead Hazard Warning, Construction Lending Agency Declaration, and Final Declaration; and

(2) This permit is being obtained with the consent of the legal owner of the property.

Print Name: **HUNG NGUYEN** Sign: **Internet e-Permit System Declaration** Date: **09/30/2020** [X] Contractor [ ] Authorized Agent

EXPRESS PERMIT INSPECTION RECORD

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

Your feedback is important. Please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf. If you would like to provide additional feedback, need clarification, or have any questions regarding plan check or inspection matters, please call our Customer Hotline at (213) 482-0056.

For use by cashier only

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95
Method:

PERMIT #: 20041 - 90000 - 32852
ADDRESS: 2126 W Adams Blvd
OWNER: ROMAN CATHOLIC ARCHBISHOP OF L A
3424 WILSHIRE BLVD 4TH FL
LOS ANGELES CA 90010

Electrical
Special Equipment
Express Permit
No Plan Check

JOB DESCRIPTION: replacement existing Micro gas turbine to Capstone gas turbine C200

INSPECTION RECORDS AND PLANS MUST BE AVAILABLE DURING INSPECTION

GRADING INSPECTIONS		
TYPE	DATE	INSPECTOR
Initial Grading		
Toe or Bottom		
Soils Report Approved		
DO NOT PLACE FILL UNTIL ABOVE IS SIGNED		
Backfill		
Fill		
Excavation		
Drainage Devices		
Rough Grading		
Approved Compaction Report		
FOOTING INSPECTIONS		
Footing Excavation		
Forms		
Reinforcing Steel		
OK to Place Concrete		
GROUNDWORK INSPECTIONS		
Electrical		
Plumbing		
Plumbing Methane		
Gas Piping		
Heating & Refrigeration		
Fire Sprinklers		
Disabled Access		
Methane		
OK to Place Floor		
DO NOT PLACE FLOOR UNTIL ABOVE IS SIGNED		
ROUGH INSPECTIONS		
Green Code		
Electrical		
Plumbing		
Fire Sprinkler		
Heating & Refrigeration		
Roof Sheathing		
Disabled Access		
Framing		
Insulation		
Suspended Ceiling		
OK to Cover		

FOR INSPECTION REQUESTS, PLEASE CALL
3-1-1 OR OUTSIDE CITY OF LOS ANGELES
888-LA4-BUILD (888)524-2845 or www.ladbs.org

DO NOT COVER UNTIL PREVIOUS IS SIGNED		
TYPE	DATE	INSPECTOR
Exterior Lathing		
Interior Lathing		
Drywall		
DO NOT COVER UNTIL ABOVE IS SIGNED		
WORK OUTSIDE OF THE BUILDING		
Electrical Underground		
Gas		
Heating & Refrigeration		
Sewer		
Disabled Access		
POOL INSPECTIONS		
Excavation		
Reinforcing Steel		
Bonding		
Piping		
Pre-Gunite		
Deck		
Enclosure/Fence		
Pool/Spa Cover		
DO NOT FILL POOL UNTIL ABOVE IS SIGNED		
FINAL INSPECTIONS		
Grading		
Electrical		
Plumbing		
Gas Test		
Gas		
Heating & Refrigeration		
Pressure Vessels		
Elevator		
Fire Sprinkler		
Disabled Access		
Green Building		
LAFD (Title 19 only)		
LAFD Fire Life Safety		
Pool Final		
AQMD Sign-off Provided		
Public Works		
Building		
PROJECT FINAL		

Certificate of Occupancy Required ☐ YES ☐ NO

B- 8 Card re v. 042011 RO

SUPPLEMENTAL NOTES:

IMPORTANT NOTICE

* **Prior to the start of any construction work adjacent to any public way, pedestrian protection shall be provided (Sec. 91.3303 L.A.M.C.).**
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* Inspection requests received before 4:00 p.m. Monday through Friday (excluding holidays) will normally be made the next business day. Requests received after 4:00 p.m. will be made following the next business day. The Automated Inspection Call Back System (AICBS) will attempt to telephone the contact phone number to confirm the Inspection.
* Permit fees provide for a limited number of inspections. A reinspection fee may be assessed when the work for which an inspection was requested is not complete, when the inspection record or plans are not available, or when there is failure to provide site access to department staff.
* No person shall perform any construction or repair work between the hours of 9:00 p.m.(6:00 p.m. grading) and 7:00 a.m. the following day which results in loud noises to the disturbance of persons occupying sleeping quarters in any dwelling , hotel, motel, apartment, or other place of residence (Sec. 41.40 L.A. M.C.).
* No person, other than an individual homeowner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind upon any building or structure located on land developed with residential buildings or perform work within 500 feet of land so occupied, before 8:00 a.m. or after 6:00 p.m. on any Saturday or at any time on Sunday (Sec. 41.40 L.A.M.C.).
* Dust control measures to prevent dust from being blown or deposited over or upon any private property in any residential area must be implemented during any excavation or earth-moving phase of construction, sand blasting , or demolition.
* A separate permit from the State of California Division of Industrial Safety is required prior to starting certain work involving substantial risk to workers such as: construction or demolition exceeding 3 stories or 36 feet in height, or excavations or trenches over 5 feet in depth involving entry by workers.
* Building permits are valid for two years or expire on the 180th day from the date of issuance if the work permitted has not commenced. The department reserves the right to expire any permit where work has been suspended for a period of 180 days or more.
* Inspection services will not be provided when there is an unleashed dog on the premises.

BUILDING AND SAFETY PERMIT AND PLAN CHECK OFFICE LOCATIONS

Downtown Los Angeles
201 N. Figueroa St., 4th Fl.
Los Angeles, CA 90012

Van Nuys
6262 Van Nuys Blvd., 2nd Fl.
Van Nuys, CA 91401

West Los Angeles
1828 Sawtelle Blvd., 2nd Fl.
Los Angeles, CA 90025

San Pedro
638 S. Beacon St., 2nd Fl.
San Pedro, CA 90731

South Los Angeles
8475 S. Vermont Ave., 2nd Fl.
Los Angeles, CA 90044

2126 W Adams Blvd

Permit #: **20041 - 90000 - 32851**
Plan Check #:
Event Code:
Printed: 09/30/20 06:05 PM

Electrical
Special Equipment
Express Permit
No Plan Check

City of Los Angeles - Department of Building and Safety

APPLICATION FOR ELECTRICAL PLAN CHECK AND INSPECTION

Issued On: 09/30/2020
Last Status: Issued
Status Date: 09/30/2020

1. PROPERTY OWNER

ROMAN CATHOLIC ARCHBISHOP OF L A 3424 WILSHIRE BLVD 4TH FL LOS ANGELES CA 90010

2. APPLICANT INFORMATION (Relationship: Net Applicant)

HUNG NGUYEN 7325 E AVENIDA JUAREZ AVE ANAHEIM, CA 92808 (714) 872-6800

3. TENANT INFORMATION

4. CONTRACTOR, ARCHITECT, & ENGINEER NAME | **ADDRESS** | **CLASS** | **LICENSE #** | **PHONE #**

(C) DIRECT SOURCE ELECTRIC 7325 AVENIDA ANAHEIM, CA 92808 C10 1008512 (714) 872-6800

5.APPLICATION COMMENTS

E-Permit paid by credit card, fax number-> (714)872-6800.

6. DESCRIPTION OF WORK

Replacement existing Micro gas turbine units to Capstone gas turbine C200 units

7. CHECKLIST ITEMS:

8. COUNCIL DISTRICT: 10

9. APPLICATION PROCESSING INFORMATION

Plan Check By:

OK for Cashier:

Signature:_____ Date:_____

For inspection requests, call toll-free **(888) LA4BUILD (524-2845).** Outside LA County, call (213) 473-3231 or request inspections via **www.ladbs.org.** To speak to a Call Center agent, call **311** or (866) 4LACITY (452-2489). Outside LA County, call (213) 473-3231.

For Cashier's Use Only **W/O #: 04132851**

2126 W Adams Blvd 20041 - 90000 - 32851

NOTICE:

The work included in this permit shall not be construed as establishing the legal number of dwelling units or guest rooms. That number is established by a Building Permit or a Certificate of Occupancy. In the event that any box (i.e. 1-10) is filled to its capacity, it is possible that additional information has been captured electronically and could not be printed due to space restrictions. Nevertheless, the information printed exceeds that required by Section 19825 of the Health and Safety Code of the State of California.

10. FEE INFORMATION

Inspection Fee Period

Permit Fee: **59.95**

INSPECTION TOTAL Electrical	59.95
Permit Total	59.95
Permit Fee Subtotal Electrical	55.00
Permit D.S.C. Surcharge	1.65
Permit Sys. Development Surcharge	3.30
Permit Issuing Fee	0.00

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95

11. FEE ITEM INFORMATION

EXISTING BRANCH CIRCUITS

Number of Units	(1)	18.00

PERMIT EXPIRATION/REFUNDS : This permit expires two years after the date of the permit issuance. This permit will also expire if no construction work is performed for a continuous period of 180 days (Sec. 98.0602 LAMC). Claims for refund of fees paid must be filed within one year from the date of expiration for permits granted by LADBS (Sec. 22.12 & 22.13 LAMC). The permittee may be entitled to reimbursement of permit fees if the Department fails to conduct an inpection within 60 days of receiving a request for final inspection (HS 17951).

12. LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect. The following applies to B contractors only: I understand the limitations of Section 7057 of the Business and Professional Code related to my ability to take prime contracts or subcontracts involving specialty trades.

License Class: **C10** License No.: **1008512** Contractor: **DIRECT SOURCE ELECTRIC INC**

13. WORKERS' COMPENSATION DECLARATION

I hereby affirm, under penalty of perjury, one of the following declarations:

(__) I have and will maintain a certificate of consent to self insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

(**X**) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: **TBD** Policy Number: **TWC3870133**

(__) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

14. ASBESTOS REMOVAL DECLARATION / LEAD HAZARD WARNING

I certify that notification of asbestos removal is either not applicable or has been submitted to the AQMD or EPA as per section 19827.5 of the Health and Safety Code. Information is available at Lead safe construction practices are required when doing repairs that disturb paint in pre-1978 buildings due to the presence of lead www.aqmd.gov (909) 396-2336 and the notification form at per section 6716 and 6717 of the Labor Code. Information is available at Health Services for LA County at (800) 524-5323 or the State of California at (800) 597-5323 or www.dhs.ca.gov/childlead

15. CONSTRUCTION LENDING AGENCY DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civil Code).

Lender's Name (If Any): _____ Lender's Address: _____

16. FINAL DECLARATION

I certify that I have read this application **INCLUDING THE ABOVE DECLARATIONS** and state that the above information **INCLUDING THE ABOVE DECLARATIONS** is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes. I realize that this permit is an application for inspection and that it does not approve or authorize the work specified herein, and it does not auhorize or permit any violation or failure to comply with any applicable law. Furthermore, neither the City of Los Angeles nor any board, department officer, or employee thereof, make any warranty, nor shall be responsible for the performance or results of any work described herein, nor the condition of the property nor the soil upon which such work is performed. I further affirm under penalty of perjury, that the proposed work will not destroy or unreasonably interfere with any access or utility easement belonging to others and located on my property, but in the event such work does destroy or unreasonably interfere with such easement, a substitute easement(s) satisfactory to the holder(s) of the easement will be provided (Sec. 91.0106.4.3.4 LAMC).

By signing below, I certify that:

(1) I accept all the declarations above namely the Licensed Contractor's Declaration, Workers' Compensation Declaration, Asbestos Removal Declaration / Lead Hazard Warning, Construction Lending Agency Declaration, and Final Declaration; and

(2) This permit is being obtained with the consent of the legal owner of the property.

Print Name: **HUNG NGUYEN** Sign: **Internet e-Permit System Declaration** Date: **09/30/2020** [X] Contractor [ ] Authorized Agent

EXPRESS PERMIT INSPECTION RECORD

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY

Your feedback is important. Please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf. If you would like to provide additional feedback, need clarification, or have any questions regarding plan check or inspection matters, please call our Customer Hotline at (213) 482-0056.

For use by cashier only

Payment Date: 09/30/20
Receipt No: ON565860
Amount: $59.95
Method:

PERMIT #: 20041 - 90000 - 32851
ADDRESS: 2126 W Adams Blvd
OWNER: ROMAN CATHOLIC ARCHBISHOP OF L A
3424 WILSHIRE BLVD 4TH FL
LOS ANGELES CA 90010

Electrical
Special Equipment
Express Permit
No Plan Check

JOB DESCRIPTION: Replacement existing Micro gas turbine units to Capstone gas turbine C200 units

INSPECTION RECORDS AND PLANS MUST BE AVAILABLE DURING INSPECTION

GRADING INSPECTIONS		
TYPE	DATE	INSPECTOR
Initial Grading		
Toe or Bottom		
Soils Report Approved		
DO NOT PLACE FILL UNTIL ABOVE IS SIGNED		
Backfill		
Fill		
Excavation		
Drainage Devices		
Rough Grading		
Approved Compaction Report		
FOOTING INSPECTIONS		
Footing Excavation		
Forms		
Reinforcing Steel		
OK to Place Concrete		
GROUNDWORK INSPECTIONS		
Electrical		
Plumbing		
Plumbing Methane		
Gas Piping		
Heating & Refrigeration		
Fire Sprinklers		
Disabled Access		
Methane		
OK to Place Floor		
DO NOT PLACE FLOOR UNTIL ABOVE IS SIGNED		
ROUGH INSPECTIONS		
Green Code		
Electrical		
Plumbing		
Fire Sprinkler		
Heating & Refrigeration		
Roof Sheathing		
Disabled Access		
Framing		
Insulation		
Suspended Ceiling		
OK to Cover		

FOR INSPECTION REQUESTS, PLEASE CALL
3-1-1 OR OUTSIDE CITY OF LOS ANGELES
888-LA4-BUILD (888)524-2845 or www.ladbs.org

DO NOT COVER UNTIL PREVIOUS IS SIGNED		
TYPE	DATE	INSPECTOR
Exterior Lathing		
Interior Lathing		
Drywall		
DO NOT COVER UNTIL ABOVE IS SIGNED		
WORK OUTSIDE OF THE BUILDING		
Electrical Underground		
Gas		
Heating & Refrigeration		
Sewer		
Disabled Access		
POOL INSPECTIONS		
Excavation		
Reinforcing Steel		
Bonding		
Piping		
Pre-Gunite		
Deck		
Enclosure/Fence		
Pool/Spa Cover		
DO NOT FILL POOL UNTIL ABOVE IS SIGNED		
FINAL INSPECTIONS		
Grading		
Electrical		
Plumbing		
Gas Test		
Gas		
Heating & Refrigeration		
Pressure Vessels		
Elevator		
Fire Sprinkler		
Disabled Access		
Green Building		
LAFD (Title 19 only)		
LAFD Fire Life Safety		
Pool Final		
AQMD Sign-off Provided		
Public Works		
Building		
PROJECT FINAL		

Certificate of Occupancy Required ☐ YES ☐ NO

B- 8 Card re v. 042011 RO

SUPPLEMENTAL NOTES:

IMPORTANT NOTICE

* **Prior to the start of any construction work adjacent to any public way, pedestrian protection shall be provided (Sec. 91.3303 L.A.M.C.).**
* Inspection(s) may be requested anytime via the internet or touch tone phone. To request an inspection via the internet, go to www.ladbs.org and click on "Request an Inspection" under Online Services. To request an inspection via touch tone phone, call toll free (888) LA4BUILD (888-524-2845) and select option 1 for Automated Request System. To request an inspection via the Customer Call Center, call 3-1-1 within the City of Los Angeles or (213) 473-3231 outside the City of Los Angeles between 7:00 a.m. and 10:00 p.m. When requesting an inspection, the following are required: (1)The job address, (2)Type of inspection, (3)Use of building, (4)Permit number, (5)Phone number of a contact person should the department need to reach someone.
* Inspection requests received before 4:00 p.m. Monday through Friday (excluding holidays) will normally be made the next business day. Requests received after 4:00 p.m. will be made following the next business day. The Automated Inspection Call Back System (AICBS) will attempt to telephone the contact phone number to confirm the Inspection.
* Permit fees provide for a limited number of inspections. A reinspection fee may be assessed when the work for which an inspection was requested is not complete, when the inspection record or plans are not available, or when there is failure to provide site access to department staff.
* No person shall perform any construction or repair work between the hours of 9:00 p.m.(6:00 p.m. grading) and 7:00 a.m. the following day which results in loud noises to the disturbance of persons occupying sleeping quarters in any dwelling , hotel, motel, apartment, or other place of residence (Sec. 41.40 L.A. M.C.).
* No person, other than an individual homeowner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind upon any building or structure located on land developed with residential buildings or perform work within 500 feet of land so occupied, before 8:00 a.m. or after 6:00 p.m. on any Saturday or at any time on Sunday (Sec. 41.40 L.A.M.C.).
* Dust control measures to prevent dust from being blown or deposited over or upon any private property in any residential area must be implemented during any excavation or earth-moving phase of construction, sand blasting , or demolition.
* A separate permit from the State of California Division of Industrial Safety is required prior to starting certain work involving substantial risk to workers such as: construction or demolition exceeding 3 stories or 36 feet in height, or excavations or trenches over 5 feet in depth involving entry by workers.
* Building permits are valid for two years or expire on the 180th day from the date of issuance if the work permitted has not commenced. The department reserves the right to expire any permit where work has been suspended for a period of 180 days or more.
* Inspection services will not be provided when there is an unleashed dog on the premises.

BUILDING AND SAFETY PERMIT AND PLAN CHECK OFFICE LOCATIONS

Downtown Los Angeles
201 N. Figueroa St., 4th Fl.
Los Angeles, CA 90012

Van Nuys
6262 Van Nuys Blvd., 2nd Fl.
Van Nuys, CA 91401

West Los Angeles
1828 Sawtelle Blvd., 2nd Fl.
Los Angeles, CA 90025

San Pedro
638 S. Beacon St., 2nd Fl.
San Pedro, CA 90731

South Los Angeles
8475 S. Vermont Ave., 2nd Fl.
Los Angeles, CA 90044

Attachment 11

GAS VOLUME STATEMENT

January 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.640	1.000						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.04	61.81	39	0.5784		507.85	1019.00	51.75	No
2		187.26	61.75	39	0.5784		505.71	1019.00	51.53	No
3		188.06	61.21	35	0.5784		456.34	1019.00	46.50	No
4		187.85	60.65	37	0.5784		482.39	1019.00	49.16	No
5		186.71	61.45	37	0.5784		478.64	1019.00	48.77	No
6		186.67	61.40	37	0.5784		478.58	1019.00	48.77	No
7		186.61	62.30	38	0.5784		490.42	1019.00	49.97	No
8		185.39	60.75	38	0.5784		488.70	1019.00	49.80	No
9		184.92	59.65	42	0.5784		539.99	1019.00	55.03	No
10		186.42	60.86	33	0.5784		426.76	1019.00	43.49	No
11		186.67	62.71	42	0.5784		541.76	1019.00	55.21	No
12		187.16	62.59	42	0.5784		543.34	1019.00	55.37	No
13		186.88	64.00	41	0.5784		528.06	1019.00	53.81	No
14		187.34	65.38	42	0.5784		540.77	1019.00	55.10	No
15		187.79	65.68	38	0.5784		490.14	1019.00	49.95	No
16		187.91	65.38	37	0.5784		477.88	1019.00	48.70	No
17		188.05	65.25	39	0.5784		504.23	1019.00	51.38	No
18		188.16	65.59	40	0.5784		517.08	1019.00	52.69	No
19		187.45	64.32	40	0.5784		516.45	1019.00	52.63	No
20		187.45	64.12	39	0.5784		503.75	1019.00	51.33	No
21		187.17	62.15	39	0.5784		505.05	1019.00	51.46	No
22		186.93	61.86	43	0.5784		556.45	1019.00	56.70	No
23		190.49	62.66	37	0.5784		487.34	1019.00	49.66	No
24		191.98	62.20	35	0.5784		465.16	1019.00	47.40	No
25		191.01	61.24	38	0.5784		503.42	1019.00	51.30	No
26		190.77	62.97	39	0.5784		514.12	1019.00	52.39	No
27		189.89	61.38	37	0.5784		487.04	1019.00	49.63	No
28		189.60	61.23	35	0.5784		460.12	1019.00	46.89	No
29		190.83	62.20	35	0.5784		462.23	1019.00	47.10	No
30		191.74	63.42	34	0.5784		450.09	1019.00	45.86	No
31		193.14	65.16	32	0.5784		425.26	1019.00	43.33	No
Total		188.21	62.70	1179	0.5784		15,335.09		1,562.65	

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GAS VOLUME STATEMENT

February 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.680	0.860						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		193.26	64.78	33	0.5826		439.39	1026.00	45.08	No
2		191.88	63.47	35	0.5826		463.85	1026.00	47.59	No
3		192.35	63.86	35	0.5826		464.64	1026.00	47.67	No
4		192.77	65.60	31	0.5826		410.99	1026.00	42.17	No
5		192.91	65.15	33	0.5826		438.25	1026.00	44.96	No
6		192.78	65.06	35	0.5826		464.57	1026.00	47.67	No
7		192.81	65.05	36	0.5826		477.96	1026.00	49.04	No
8		193.49	67.78	34	0.5826		450.43	1026.00	46.21	No
9		189.76	65.92	36	0.5826		469.18	1026.00	48.14	No
10		187.39	63.44	38	0.5826		491.62	1026.00	50.44	No
11		187.26	61.86	36	0.5826		466.95	1026.00	47.91	No
12		186.86	62.84	39	0.5826		503.72	1026.00	51.68	No
13		186.99	63.70	44	0.5826		567.69	1026.00	58.25	No
14		187.36	64.09	45	0.5826		581.29	1026.00	59.64	No
15		187.36	62.05	44	0.5826		570.80	1026.00	58.56	No
16		184.92	58.71	48	0.5826		618.66	1026.00	63.47	No
17		185.76	55.64	14	0.5826		182.48	1026.00	18.72	No
18		184.45	59.83	24	0.5826		307.80	1026.00	31.58	No
19		183.33	56.81	49	0.5826		628.45	1026.00	64.48	No
20		183.50	57.64	49	0.5826		627.97	1026.00	64.43	No
21		185.78	61.74	47	0.5826		604.82	1026.00	62.05	No
22		187.06	63.99	46	0.5826		593.35	1026.00	60.88	No
23		187.40	65.55	45	0.5826		579.64	1026.00	59.47	No
24		187.67	65.95	45	0.5826		580.04	1026.00	59.51	No
25		187.74	65.89	46	0.5826		593.22	1026.00	60.86	No
26		188.09	66.59	44	0.5826		567.68	1026.00	58.24	No
27		188.23	72.07	33	0.5826		421.28	1026.00	43.22	No
28		188.59	70.95	31	0.5826		397.43	1026.00	40.78	No
Total		188.30	63.75	1075	0.5826		13,964.18		1,432.72	

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GAS VOLUME STATEMENT

March 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.620	0.860						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.56	69.86	27	0.5808		346.84	1025.00	35.55	No
2		188.08	65.31	24	0.5808		310.41	1025.00	31.82	No
3		187.80	65.15	22	0.5808		284.21	1025.00	29.13	No
4		186.03	62.37	31	0.5808		398.80	1025.00	40.88	No
5		187.52	66.80	31	0.5808		398.48	1025.00	40.84	No
6		187.71	65.57	32	0.5808		412.81	1025.00	42.31	No
7		188.16	68.80	31	0.5808		398.22	1025.00	40.82	No
8		188.57	73.26	25	0.5808		318.92	1025.00	32.69	No
9		188.06	66.89	32	0.5808		412.48	1025.00	42.28	No
10		187.85	64.08	34	0.5808		440.34	1025.00	45.13	No
11		187.92	66.16	28	0.5808		361.19	1025.00	37.02	No
12		188.17	69.37	23	0.5808		295.12	1025.00	30.25	No
13		188.37	72.27	30	0.5808		383.08	1025.00	39.27	No
14		188.52	69.98	31	0.5808		398.03	1025.00	40.80	No
15		188.44	68.31	28	0.5808		360.60	1025.00	36.96	No
16		188.25	69.52	31	0.5808		397.82	1025.00	40.78	No
17		188.55	74.85	25	0.5808		317.86	1025.00	32.58	No
18		188.51	75.15	28	0.5808		355.71	1025.00	36.46	No
19		188.58	74.88	27	0.5808		343.33	1025.00	35.19	No
20		188.66	73.35	26	0.5808		331.79	1025.00	34.01	No
21		188.75	70.55	26	0.5808		333.86	1025.00	34.22	No
22		188.71	68.76	28	0.5808		360.78	1025.00	36.98	No
23		188.54	68.67	29	0.5808		373.40	1025.00	38.27	No
24		188.49	70.46	29	0.5808		371.93	1025.00	38.12	No
25		188.37	69.00	33	0.5808		424.24	1025.00	43.48	No
26		188.37	69.28	30	0.5808		385.43	1025.00	39.51	No
27		188.38	68.34	29	0.5808		373.33	1025.00	38.27	No
28		188.62	67.99	29	0.5808		374.08	1025.00	38.34	No
29		188.70	70.08	28	0.5808		359.80	1025.00	36.88	No
30		188.10	68.60	32	0.5808		411.11	1025.00	42.14	No
31		188.25	66.84	26	0.5808		335.51	1025.00	34.39	No
Total		188.23	68.95	885	0.5808		11,369.52		1,165.38	

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GAS VOLUME STATEMENT

April 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.540	0.920						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.06	66.76	25	0.5781		322.25	1022.00	32.93	No
2		188.00	66.66	26	0.5781		335.10	1022.00	34.25	No
3		188.18	69.64	25	0.5781		320.54	1022.00	32.76	No
4		188.52	72.98	25	0.5781		318.94	1022.00	32.60	No
5		188.55	71.18	26	0.5781		332.99	1022.00	34.03	No
6		188.34	69.77	25	0.5781		320.75	1022.00	32.78	No
7		188.08	69.37	27	0.5781		346.20	1022.00	35.38	No
8		188.13	68.55	26	0.5781		334.03	1022.00	34.14	No
9		188.15	68.98	27	0.5781		346.59	1022.00	35.42	No
10		188.05	67.63	29	0.5781		373.13	1022.00	38.13	No
11		188.32	67.14	26	0.5781		335.35	1022.00	34.27	No
12		188.05	65.23	24	0.5781		310.32	1022.00	31.71	No
13		189.21	59.90	6	0.5781		78.95	1022.00	8.07	No
14		188.23	54.41	1	0.5781		13.24	1022.00	1.35	No
15		187.93	69.67	16	0.5781		204.85	1022.00	20.94	No
16		187.87	66.72	22	0.5781		283.31	1022.00	28.95	No
17		187.92	69.65	21	0.5781		268.88	1022.00	27.48	No
18		188.31	71.58	21	0.5781		268.38	1022.00	27.43	No
19		188.49	70.48	24	0.5781		307.71	1022.00	31.45	No
20		188.02	68.19	21	0.5781		269.82	1022.00	27.58	No
21		187.44	64.25	28	0.5781		361.57	1022.00	36.95	No
22		187.40	66.27	27	0.5781		347.11	1022.00	35.48	No
23		187.68	67.66	26	0.5781		333.82	1022.00	34.12	No
24		187.85	68.47	31	0.5781		397.71	1022.00	40.65	No
25		187.82	64.79	27	0.5781		348.98	1022.00	35.67	No
26		187.57	65.30	25	0.5781		322.35	1022.00	32.94	No
27		187.24	65.74	28	0.5781		360.05	1022.00	36.80	No
28		187.17	67.60	27	0.5781		345.73	1022.00	35.33	No
29		187.65	67.98	25	0.5781		320.71	1022.00	32.78	No
30		187.58	67.92	24	0.5781		307.81	1022.00	31.46	No
Total		187.94	67.91	711	0.5781		9,137.15		933.82	

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GAS VOLUME STATEMENT

May 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.560	0.920						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.86	67.78	27	0.5774		346.88	1020.00	35.38	No
2		187.90	66.11	26	0.5774		335.25	1020.00	34.20	No
3		188.01	64.56	25	0.5774		323.58	1020.00	33.01	No
4		187.39	67.28	27	0.5774		346.34	1020.00	35.33	No
5		187.31	65.75	25	0.5774		321.57	1020.00	32.80	No
6		187.37	67.90	24	0.5774		307.44	1020.00	31.36	No
7		187.77	69.20	29	0.5774		371.31	1020.00	37.87	No
8		187.85	68.04	28	0.5774		359.52	1020.00	36.67	No
9		187.77	70.35	27	0.5774		344.85	1020.00	35.17	No
10		187.59	71.09	28	0.5774		356.74	1020.00	36.39	No
11		187.39	70.48	27	0.5774		344.06	1020.00	35.09	No
12		186.73	66.11	28	0.5774		358.75	1020.00	36.59	No
13		186.98	68.49	26	0.5774		331.92	1020.00	33.86	No
14		186.99	66.76	26	0.5774		333.12	1020.00	33.98	No
15		186.68	66.30	27	0.5774		345.69	1020.00	35.26	No
16		187.46	69.09	28	0.5774		357.96	1020.00	36.51	No
17		187.48	68.15	25	0.5774		320.25	1020.00	32.67	No
18		187.34	70.49	27	0.5774		343.95	1020.00	35.08	No
19		187.48	72.93	27	0.5774		342.51	1020.00	34.94	No
20		187.63	74.51	26	0.5774		329.03	1020.00	33.56	No
21		187.37	71.07	31	0.5774		394.52	1020.00	40.24	No
22		187.25	68.69	32	0.5774		408.96	1020.00	41.71	No
23		187.59	68.81	32	0.5774		409.63	1020.00	41.78	No
24		187.53	67.69	30	0.5774		384.78	1020.00	39.25	No
25		187.44	69.12	30	0.5774		383.45	1020.00	39.11	No
26		186.97	67.15	29	0.5774		371.24	1020.00	37.87	No
27		186.92	66.72	31	0.5774		397.08	1020.00	40.50	No
28		186.62	66.47	33	0.5774		422.22	1020.00	43.07	No
29		187.00	68.14	33	0.5774		421.64	1020.00	43.01	No
30		187.68	70.25	33	0.5774		421.37	1020.00	42.98	No
31		187.73	71.41	29	0.5774		369.52	1020.00	37.69	No
Total		187.38	68.62	876	0.5774		11,205.13		1,142.92	

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GAS VOLUME STATEMENT

June 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.630	0.710						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.43	71.02	29	0.5807		369.37	1027.00	37.93	No
2		187.26	70.06	27	0.5807		344.26	1027.00	35.36	No
3		187.19	70.98	25	0.5807		318.04	1027.00	32.66	No
4		187.42	70.80	25	0.5807		318.55	1027.00	32.71	No
5		187.56	72.10	26	0.5807		330.66	1027.00	33.96	No
6		187.82	71.04	28	0.5807		357.37	1027.00	36.70	No
7		187.93	70.54	27	0.5807		345.19	1027.00	35.45	No
8		187.32	71.42	30	0.5807		381.56	1027.00	39.19	No
9		187.53	72.63	30	0.5807		381.06	1027.00	39.14	No
10		187.79	74.20	28	0.5807		355.02	1027.00	36.46	No
11		187.77	74.39	30	0.5807		380.19	1027.00	39.05	No
12		187.77	73.89	28	0.5807		355.20	1027.00	36.48	No
13		188.13	72.92	29	0.5807		369.34	1027.00	37.93	No
14		188.13	72.17	25	0.5807		318.89	1027.00	32.75	No
15		187.63	72.89	33	0.5807		419.15	1027.00	43.05	No
16		187.67	72.02	24	0.5807		305.46	1027.00	31.37	No
17		188.24	71.39	12	0.5807		153.41	1027.00	15.76	No
18		188.53	65.25	5	0.5807		64.84	1027.00	6.66	No
19		188.55	65.97	6	0.5807		77.70	1027.00	7.98	No
20		189.06	65.67	6	0.5807		77.97	1027.00	8.01	No
21		189.26	66.15	5	0.5807		64.98	1027.00	6.67	No
22		188.64	63.39	2	0.5807		26.05	1027.00	2.68	No
23		188.63	66.92	2	0.5807		25.86	1027.00	2.66	No
24		189.13	63.22	1	0.5807		13.07	1027.00	1.34	No
25		187.53	65.20	2	0.5807		25.80	1027.00	2.65	No
26		188.70	68.49	6	0.5807		77.36	1027.00	7.94	No
27		188.68	64.99	4	0.5807		51.94	1027.00	5.33	No
28		188.89	67.19	3	0.5807		38.82	1027.00	3.99	No
29		186.74	67.45	2	0.5807		25.57	1027.00	2.63	No
30		187.76	70.48	1	0.5807		12.77	1027.00	1.31	No
Total		187.75	71.55	501	0.5807		6,385.46		655.79	

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GAS VOLUME STATEMENT

July 2026

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.710	0.610						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.38	68.70	0	0.5830		0.00	1030.00	0.00	Yes
2		188.43	70.04	1	0.5830		12.84	1030.00	1.32	No
3		189.31	66.34	1	0.5830		13.00	1030.00	1.34	No
4		188.69	74.40	0	0.5830		0.00	1030.00	0.00	No
5		188.72	76.70	0	0.5830		0.00	1030.00	0.00	No
6		188.99	65.96	1	0.5830		12.99	1030.00	1.34	No
7		186.88	71.97	1	0.5830		12.68	1030.00	1.31	No
8		188.24	65.61	3	0.5830		38.82	1030.00	4.00	No
9		190.77	63.56	1	0.5830		13.18	1030.00	1.36	No
10		188.16	76.16	4	0.5830		50.63	1030.00	5.21	No
11		188.86	76.34	15	0.5830		190.52	1030.00	19.62	No
12		188.77	72.99	24	0.5830		306.76	1030.00	31.60	No
13		188.43	74.54	25	0.5830		317.94	1030.00	32.75	No
14		188.47	76.71	27	0.5830		341.95	1030.00	35.22	No
15		188.45	79.65	28	0.5830		352.48	1030.00	36.31	No
16		188.66	78.70	28	0.5830		353.54	1030.00	36.41	No
17		188.60	77.98	27	0.5830		341.29	1030.00	35.15	No
18		188.78	78.74	26	0.5830		328.47	1030.00	33.83	No
19		189.06	78.17	26	0.5830		329.36	1030.00	33.92	No
20		188.60	78.15	26	0.5830		328.54	1030.00	33.84	No
21		188.08	79.07	27	0.5830		339.57	1030.00	34.98	No
22		188.63	78.32	27	0.5830		341.13	1030.00	35.14	No
23		188.53	78.86	25	0.5830		315.33	1030.00	32.48	No
24		188.70	78.47	28	0.5830		353.78	1030.00	36.44	No
25		188.81	79.20	26	0.5830		328.23	1030.00	33.81	No
26		188.98	77.64	26	0.5830		329.56	1030.00	33.94	No
27		188.69	79.03	26	0.5830		328.13	1030.00	33.80	No
28		188.66	77.90	25	0.5830		316.18	1030.00	32.57	No
29		188.81	77.59	26	0.5830		329.29	1030.00	33.92	Yes
30		188.60	78.02	26	0.5830		328.65	1030.00	33.85	No
31		188.71	78.14	27	0.5830		341.40	1030.00	35.16	No
Total		188.65	77.70	553	0.5830		6,996.22		720.61	

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GAS VOLUME STATEMENT

October 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.680	0.800						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		189.30	72.19	31	0.5824		397.90	1027.00	40.86	No
2		188.49	72.30	35	0.5824		447.24	1027.00	45.93	No
3		188.35	71.34	40	0.5824		511.77	1027.00	52.56	No
4		188.62	71.77	42	0.5824		537.66	1027.00	55.22	No
5		188.56	72.28	44	0.5824		562.49	1027.00	57.77	No
6		188.30	71.28	47	0.5824		601.24	1027.00	61.75	No
7		188.22	71.12	45	0.5824		575.59	1027.00	59.11	No
8		188.38	69.87	38	0.5824		487.73	1027.00	50.09	No
9		188.21	71.42	40	0.5824		511.29	1027.00	52.51	No
10		188.45	73.29	40	0.5824		509.98	1027.00	52.38	No
11		188.65	72.34	39	0.5824		498.76	1027.00	51.22	No
12		188.65	71.17	36	0.5824		461.49	1027.00	47.39	No
13		188.17	69.25	30	0.5824		385.08	1027.00	39.55	No
14		187.53	61.99	25	0.5824		324.67	1027.00	33.34	No
15		187.67	64.70	24	0.5824		310.16	1027.00	31.85	No
16		187.78	66.61	22	0.5824		283.35	1027.00	29.10	No
17		188.03	68.93	24	0.5824		308.06	1027.00	31.64	No
18		188.46	70.44	20	0.5824		256.50	1027.00	26.34	No
19		188.73	70.18	19	0.5824		244.17	1027.00	25.08	No
20		188.48	70.16	17	0.5824		218.19	1027.00	22.41	No
21		188.33	68.43	15	0.5824		193.04	1027.00	19.83	No
22		188.06	68.19	12	0.5824		154.29	1027.00	15.85	No
23		188.09	66.17	13	0.5824		167.87	1027.00	17.24	No
24		188.11	67.31	11	0.5824		141.72	1027.00	14.56	No
25		188.48	64.92	13	0.5824		168.67	1027.00	17.32	No
26		188.39	64.68	14	0.5824		181.65	1027.00	18.66	No
27		188.20	67.02	17	0.5824		219.27	1027.00	22.52	No
28		188.34	72.21	22	0.5824		280.96	1027.00	28.85	No
29		188.50	74.99	25	0.5824		317.73	1027.00	32.63	No
30		188.54	72.32	31	0.5824		396.24	1027.00	40.69	No
31		188.55	70.11	30	0.5824		385.21	1027.00	39.56	No
Total		188.38	70.34	861	0.5824		11,039.99		1,133.81	

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GAS VOLUME STATEMENT

December 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.700	0.840						

NC5	neo	C6	C7	C8	C9	C10

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.15	64.40	31	0.5826		399.72	1026.00	41.01	No
2		186.43	63.97	40	0.5826		514.18	1026.00	52.75	No
3		186.98	64.29	41	0.5826		528.30	1026.00	54.20	No
4		186.47	64.09	40	0.5826		514.17	1026.00	52.75	No
5		186.50	63.31	37	0.5826		476.48	1026.00	48.89	No
6		187.15	63.61	37	0.5826		477.88	1026.00	49.03	No
7		187.50	64.21	35	0.5826		452.35	1026.00	46.41	No
8		187.32	65.94	33	0.5826		424.55	1026.00	43.56	No
9		187.74	67.19	30	0.5826		385.83	1026.00	39.59	No
10		187.79	67.10	33	0.5826		424.62	1026.00	43.57	No
11		187.75	65.85	36	0.5826		464.31	1026.00	47.64	No
12		187.51	64.27	35	0.5826		452.32	1026.00	46.41	No
13		187.77	62.86	33	0.5826		428.35	1026.00	43.95	No
14		187.82	63.25	35	0.5826		454.04	1026.00	46.58	No
15		187.46	64.26	38	0.5826		490.95	1026.00	50.37	No
16		186.82	62.16	38	0.5826		491.39	1026.00	50.42	No
17		187.03	63.05	38	0.5826		491.04	1026.00	50.38	No
18		187.37	64.55	36	0.5826		464.63	1026.00	47.67	No
19		187.31	63.87	38	0.5826		490.97	1026.00	50.37	No
20		187.85	63.28	34	0.5826		441.13	1026.00	45.26	No
21		187.80	62.70	37	0.5826		480.51	1026.00	49.30	No
22		187.28	63.01	34	0.5826		439.99	1026.00	45.14	No
23		186.88	63.15	34	0.5826		438.90	1026.00	45.03	No
24		186.97	61.98	40	0.5826		517.87	1026.00	53.13	No
25		187.98	63.30	37	0.5826		480.38	1026.00	49.29	No
26		186.89	60.64	39	0.5826		506.15	1026.00	51.93	No
27		186.76	60.77	39	0.5826		505.65	1026.00	51.88	No
28		186.54	61.10	40	0.5826		517.63	1026.00	53.11	No
29		186.19	61.69	34	0.5826		438.57	1026.00	45.00	No
30		186.87	63.49	38	0.5826		490.15	1026.00	50.29	No
31		186.98	62.56	38	0.5826		491.42	1026.00	50.42	No
Total		187.17	63.48	1128	0.5826		14,574.41		1,495.33	

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GAS VOLUME STATEMENT

January 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.790	0.660						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		185.69	61.94	37	0.5900		476.11	1039.00	49.47	No
2		184.29	61.45	39	0.5900		498.45	1039.00	51.79	No
3		184.42	60.34	38	0.5900		487.13	1039.00	50.61	No
4		183.67	60.08	42	0.5900		536.48	1039.00	55.74	No
5		183.61	59.56	42	0.5900		536.90	1039.00	55.78	No
6		184.15	60.65	45	0.5900		575.65	1039.00	59.81	No
7		183.22	59.21	47	0.5900		599.91	1039.00	62.33	No
8		182.20	59.66	53	0.5900		672.02	1039.00	69.82	No
9		182.24	59.73	52	0.5900		659.39	1039.00	68.51	No
10		182.59	59.91	56	0.5900		711.25	1039.00	73.90	No
11		183.00	60.52	56	0.5900		711.95	1039.00	73.97	No
12		182.55	59.28	54	0.5900		686.61	1039.00	71.34	No
13		183.39	59.24	46	0.5900		587.72	1039.00	61.06	No
14		184.25	58.98	49	0.5900		629.41	1039.00	65.40	No
15		183.84	59.93	49	0.5900		626.68	1039.00	65.11	No
16		184.60	60.99	52	0.5900		666.38	1039.00	69.24	No
17		184.84	60.30	51	0.5900		655.37	1039.00	68.09	No
18		184.91	61.85	53	0.5900		679.15	1039.00	70.56	No
19		185.10	61.01	51	0.5900		655.36	1039.00	68.09	No
20		185.36	59.45	46	0.5900		593.87	1039.00	61.70	No
21		185.81	61.12	47	0.5900		606.17	1039.00	62.98	No
22		184.85	59.26	49	0.5900		631.05	1039.00	65.57	No
23		185.11	62.44	60	0.5900		768.71	1039.00	79.87	No
24		185.00	61.24	58	0.5900		744.51	1039.00	77.35	No
25		185.71	61.60	58	0.5900		746.89	1039.00	77.60	No
26		185.15	62.39	57	0.5900		730.54	1039.00	75.90	No
27		186.52	63.99	72	0.5900		926.71	1039.00	96.29	No
28		187.21	65.12	74	0.5900		953.76	1039.00	99.10	No
29		186.81	65.32	61	0.5900		784.16	1039.00	81.47	No
30		186.35	64.09	60	0.5900		771.34	1039.00	80.14	No
31		185.90	62.39	53	0.5900		682.11	1039.00	70.87	No
Total		184.69	61.25	1607	0.5900		20,591.72		2,139.48	

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GAS VOLUME STATEMENT

February 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.860	0.650						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		184.19	57.87	50	0.5927		643.67	1041.00	67.01	No
2		184.05	60.08	49	0.5927		627.38	1041.00	65.31	No
3		184.36	59.59	47	0.5927		603.45	1041.00	62.82	No
4		183.61	57.37	49	0.5927		629.41	1041.00	65.52	No
5		183.52	57.40	59	0.5927		757.48	1041.00	78.85	No
6		183.05	55.99	57	0.5927		732.00	1041.00	76.20	No
7		182.96	57.28	58	0.5927		742.52	1041.00	77.30	No
8		182.88	57.51	52	0.5927		665.07	1041.00	69.23	No
9		183.33	58.42	54	0.5927		691.07	1041.00	71.94	No
10		183.92	60.13	54	0.5927		690.87	1041.00	71.92	No
11		183.86	59.49	52	0.5927		665.95	1041.00	69.33	No
12		183.82	59.72	52	0.5927		665.46	1041.00	69.27	No
13		191.09	59.85	51	0.5927		678.56	1041.00	70.64	No
14		195.67	60.43	50	0.5927		681.34	1041.00	70.93	No
15		192.30	60.16	50	0.5927		669.50	1041.00	69.70	No
16		189.22	61.10	51	0.5927		670.14	1041.00	69.76	No
17		185.33	59.73	54	0.5927		696.84	1041.00	72.54	No
18		185.90	60.77	53	0.5927		684.61	1041.00	71.27	No
19		184.81	58.32	51	0.5927		658.14	1041.00	68.51	No
20		184.37	58.50	50	0.5927		643.49	1041.00	66.99	No
21		185.04	60.43	47	0.5927		604.64	1041.00	62.94	No
22		185.29	61.61	52	0.5927		668.22	1041.00	69.56	No
23		185.80	62.58	58	0.5927		745.91	1041.00	77.65	No
24		186.75	62.71	56	0.5927		723.81	1041.00	75.35	No
25		186.27	60.96	57	0.5927		737.44	1041.00	76.77	No
26		184.84	60.00	59	0.5927		758.86	1041.00	79.00	No
27		185.59	61.51	59	0.5927		759.57	1041.00	79.07	No
28		185.65	62.15	56	0.5927		720.23	1041.00	74.98	No
29		186.52	60.43	34	0.5927		440.98	1041.00	45.91	No
Total		185.64	59.73	1521	0.5927		19,656.60		2,046.25	

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GAS VOLUME STATEMENT

March 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.840	0.750						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		185.18	59.82	19	0.5903		244.85	1036.00	25.37	No
2		184.92	57.94	17	0.5903		219.64	1036.00	22.75	No
3		184.94	57.79	16	0.5903		206.81	1036.00	21.43	No
4		184.55	59.29	15	0.5903		192.85	1036.00	19.98	No
5		184.77	61.90	21	0.5903		268.85	1036.00	27.85	No
6		183.70	59.61	75	0.5903		959.06	1036.00	99.36	No
7		184.43	60.99	76	0.5903		972.98	1036.00	100.80	No
8		184.92	61.62	54	0.5903		692.30	1036.00	71.72	No
9		185.77	62.19	56	0.5903		720.46	1036.00	74.64	No
10		185.76	61.94	55	0.5903		707.94	1036.00	73.34	No
11		185.22	61.70	56	0.5903		718.97	1036.00	74.49	No
12		185.69	61.94	61	0.5903		784.83	1036.00	81.31	No
13		186.04	63.35	61	0.5903		783.98	1036.00	81.22	No
14		185.77	62.76	35	0.5903		449.70	1036.00	46.59	No
15		185.61	62.52	20	0.5903		256.89	1036.00	26.61	No
16		186.90	62.20	23	0.5903		297.74	1036.00	30.85	No
17		186.45	62.26	26	0.5903		335.69	1036.00	34.78	No
18		186.33	63.98	30	0.5903		385.68	1036.00	39.96	No
19		186.22	64.37	59	0.5903		757.45	1036.00	78.47	No
20		186.27	62.95	68	0.5903		875.82	1036.00	90.73	No
21		186.33	63.42	70	0.5903		900.96	1036.00	93.34	No
22		186.19	62.69	66	0.5903		850.13	1036.00	88.07	No
23		186.06	61.13	66	0.5903		852.31	1036.00	88.30	No
24		185.31	61.03	64	0.5903		823.28	1036.00	85.29	No
25		185.13	62.21	66	0.5903		846.03	1036.00	87.65	No
26		185.61	62.66	65	0.5903		834.63	1036.00	86.47	No
27		185.38	63.16	72	0.5903		922.42	1036.00	95.56	No
28		185.50	62.24	65	0.5903		834.88	1036.00	86.49	No
29		185.36	61.16	52	0.5903		668.93	1036.00	69.30	No
30		184.45	58.84	73	0.5903		938.89	1036.00	97.27	No
31		185.03	61.44	73	0.5903		936.78	1036.00	97.05	No
Total		185.46	61.84	1575	0.5903		20,241.71		2,097.04	

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GAS VOLUME STATEMENT

April 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.770	0.770						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		184.41	62.73	68	0.5853		866.78	1031.00	89.37	No
2		184.48	64.19	73	0.5853		928.10	1031.00	95.69	No
3		185.10	64.28	75	0.5853		956.60	1031.00	98.62	No
4		183.82	61.08	76	0.5853		968.94	1031.00	99.90	No
5		182.57	59.20	74	0.5853		940.65	1031.00	96.98	No
6		183.73	61.36	74	0.5853		942.52	1031.00	97.17	No
7		184.46	61.71	73	0.5853		932.88	1031.00	96.18	No
8		184.69	63.78	69	0.5853		879.01	1031.00	90.63	No
9		186.07	64.91	39	0.5853		499.44	1031.00	51.49	No
10		186.42	66.35	28	0.5853		358.20	1031.00	36.93	No
11		186.17	63.22	29	0.5853		372.93	1031.00	38.45	No
12		185.21	60.54	29	0.5853		373.02	1031.00	38.46	No
13		184.74	60.11	32	0.5853		410.92	1031.00	42.37	No
14		183.61	58.28	36	0.5853		461.21	1031.00	47.55	No
15		184.23	61.73	37	0.5853		472.21	1031.00	48.68	No
16		186.21	64.73	37	0.5853		474.40	1031.00	48.91	No
17		187.15	64.38	34	0.5853		438.55	1031.00	45.21	No
18		186.63	63.17	49	0.5853		631.80	1031.00	65.14	No
19		186.76	63.13	68	0.5853		877.52	1031.00	90.47	No
20		187.01	63.57	71	0.5853		916.65	1031.00	94.51	No
21		187.05	63.75	67	0.5853		864.83	1031.00	89.16	No
22		186.78	63.37	66	0.5853		851.36	1031.00	87.78	No
23		186.80	63.84	65	0.5853		837.72	1031.00	86.37	No
24		186.68	63.81	64	0.5853		824.33	1031.00	84.99	No
25		186.59	62.63	62	0.5853		800.20	1031.00	82.50	No
26		186.86	64.15	63	0.5853		811.68	1031.00	83.68	No
27		187.29	64.74	63	0.5853		812.63	1031.00	83.78	No
28		187.16	65.21	66	0.5853		849.87	1031.00	87.62	No
29		187.10	65.61	67	0.5853		861.71	1031.00	88.84	No
30		187.25	65.70	68	0.5853		875.17	1031.00	90.23	No
Total		185.75	63.23	1722	0.5853		22,091.85		2,277.67	

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GAS VOLUME STATEMENT

May 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.690	0.830						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.17	65.65	66	0.5819		848.82	1026.00	87.09	No
2		187.02	64.92	68	0.5819		875.19	1026.00	89.79	No
3		187.53	64.42	37	0.5819		478.03	1026.00	49.05	No
4		187.30	63.04	28	0.5819		362.34	1026.00	37.18	No
5		187.14	63.45	28	0.5819		361.71	1026.00	37.11	No
6		186.88	64.04	29	0.5819		373.64	1026.00	38.34	No
7		187.11	64.97	29	0.5819		373.38	1026.00	38.31	No
8		187.26	65.37	29	0.5819		373.38	1026.00	38.31	No
9		187.26	65.08	29	0.5819		373.60	1026.00	38.33	No
10		187.29	63.95	23	0.5819		297.07	1026.00	30.48	No
11		187.97	63.90	34	0.5819		440.82	1026.00	45.23	No
12		188.13	65.71	59	0.5819		762.72	1026.00	78.25	No
13		187.70	65.06	59	0.5819		761.93	1026.00	78.17	No
14		187.67	65.41	61	0.5819		787.10	1026.00	80.76	No
15		187.66	64.66	60	0.5819		775.37	1026.00	79.55	No
16		187.60	65.09	61	0.5819		787.33	1026.00	80.78	No
17		187.60	65.04	60	0.5819		774.48	1026.00	79.46	No
18		187.88	64.61	55	0.5819		711.69	1026.00	73.02	No
19		187.78	65.08	58	0.5819		749.36	1026.00	76.88	No
20		186.95	64.79	61	0.5819		784.97	1026.00	80.54	No
21		186.66	65.09	63	0.5819		808.97	1026.00	83.00	No
22		186.53	65.17	62	0.5819		795.42	1026.00	81.61	No
23		186.64	65.09	62	0.5819		796.02	1026.00	81.67	No
24		187.49	64.77	61	0.5819		787.40	1026.00	80.79	No
25		187.88	64.85	59	0.5819		763.07	1026.00	78.29	No
26		187.80	65.32	56	0.5819		723.23	1026.00	74.20	No
27		187.75	65.39	54	0.5819		697.10	1026.00	71.52	No
28		187.39	64.27	25	0.5819		322.86	1026.00	33.13	No
29		187.52	63.48	18	0.5819		233.01	1026.00	23.91	No
30		187.63	64.77	22	0.5819		284.19	1026.00	29.16	No
31		187.86	63.55	25	0.5819		324.17	1026.00	33.26	No
Total		187.42	64.87	1441	0.5819		18,588.35		1,907.16	

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GAS VOLUME STATEMENT

June 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.710	0.780						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.03	63.75	24	0.5828		311.40	1027.00	31.98	No
2		188.00	64.36	24	0.5828		310.95	1027.00	31.93	No
3		187.91	62.38	10	0.5828		130.03	1027.00	13.35	No
4		186.25	62.29	1	0.5828		12.89	1027.00	1.32	No
5		187.05	62.97	1	0.5828		12.93	1027.00	1.33	No
6		187.01	71.39	1	0.5828		12.70	1027.00	1.30	No
7		187.85	66.63	17	0.5828		219.04	1027.00	22.50	No
8		188.32	66.05	23	0.5828		297.47	1027.00	30.55	No
9		188.24	65.66	24	0.5828		310.51	1027.00	31.89	No
10		188.08	65.72	23	0.5828		297.28	1027.00	30.53	No
11		187.82	64.71	20	0.5828		258.68	1027.00	26.57	No
12		187.98	66.38	19	0.5828		245.11	1027.00	25.17	No
13		187.90	65.72	25	0.5828		322.82	1027.00	33.15	No
14		188.14	67.15	19	0.5828		244.92	1027.00	25.15	No
15		188.51	68.70	20	0.5828		257.51	1027.00	26.45	No
16		188.67	69.65	24	0.5828		308.66	1027.00	31.70	No
17		188.40	68.23	25	0.5828		322.00	1027.00	33.07	No
18		188.31	68.65	20	0.5828		257.25	1027.00	26.42	No
19		188.39	68.30	19	0.5828		244.67	1027.00	25.13	No
20		188.76	63.84	8	0.5828		104.19	1027.00	10.70	No
21		188.11	73.58	3	0.5828		38.16	1027.00	3.92	No
22		187.55	77.77	4	0.5828		50.29	1027.00	5.16	No
23		188.32	78.16	2	0.5828		25.23	1027.00	2.59	No
24		188.68	75.52	0	0.5828		0.00	1027.00	0.00	No
25		187.88	86.07	1	0.5828		12.39	1027.00	1.27	No
26		188.33	70.48	0	0.5828		0.00	1027.00	0.00	No
27		186.26	74.42	1	0.5828		12.57	1027.00	1.29	No
28		188.32	70.25	0	0.5828		0.00	1027.00	0.00	No
29		189.21	68.67	0	0.5828		0.00	1027.00	0.00	No
30		189.38	69.09	0	0.5828		0.00	1027.00	0.00	No
Total		188.16	66.72	358	0.5828		4,619.63		474.44	

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GAS VOLUME STATEMENT

July 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.740	0.760						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.88	78.80	1	0.5850		12.57	1030.00	1.29	No
2		189.26	65.66	3	0.5850		39.04	1030.00	4.02	No
3		189.10	69.76	24	0.5850		309.39	1030.00	31.87	No
4		189.11	69.75	26	0.5850		335.19	1030.00	34.52	No
5		189.08	72.47	24	0.5850		307.63	1030.00	31.69	No
6		189.32	72.76	24	0.5850		307.85	1030.00	31.71	No
7		189.13	73.28	27	0.5850		345.60	1030.00	35.60	No
8		188.98	70.09	25	0.5850		321.85	1030.00	33.15	No
9		188.96	71.42	26	0.5850		333.77	1030.00	34.38	No
10		189.17	72.60	26	0.5850		333.33	1030.00	34.33	No
11		188.97	71.88	27	0.5850		346.30	1030.00	35.67	No
12		188.82	70.00	23	0.5850		295.90	1030.00	30.48	No
13		189.04	71.79	21	0.5850		269.50	1030.00	27.76	No
14		189.16	71.82	21	0.5850		269.65	1030.00	27.77	No
15		189.05	71.25	21	0.5850		269.81	1030.00	27.79	No
16		188.77	72.41	22	0.5850		281.56	1030.00	29.00	No
17		188.93	72.59	26	0.5850		332.92	1030.00	34.29	No
18		188.96	72.35	27	0.5850		345.95	1030.00	35.63	No
19		188.96	72.09	25	0.5850		320.49	1030.00	33.01	No
20		189.21	73.41	21	0.5850		268.84	1030.00	27.69	No
21		189.42	73.72	21	0.5850		268.98	1030.00	27.71	No
22		189.12	73.91	24	0.5850		306.79	1030.00	31.60	No
23		189.00	73.82	24	0.5850		306.65	1030.00	31.59	No
24		189.01	73.73	27	0.5850		345.05	1030.00	35.54	No
25		188.94	73.31	25	0.5850		319.65	1030.00	32.92	No
26		188.97	72.48	24	0.5850		307.45	1030.00	31.67	No
27		189.27	70.97	25	0.5850		321.76	1030.00	33.14	No
28		189.45	69.95	22	0.5850		284.04	1030.00	29.26	No
29		189.05	70.83	21	0.5850		270.04	1030.00	27.81	No
30		188.86	70.53	18	0.5850		231.38	1030.00	23.83	No
31		188.99	69.58	17	0.5850		219.10	1030.00	22.57	No
Total		189.06	71.91	688	0.5850		8,828.04		909.29	

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GAS VOLUME STATEMENT

August 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.810	0.760						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.83	70.28	18	0.5889		231.53	1035.00	23.96	No
2		188.94	72.98	20	0.5889		255.98	1035.00	26.49	No
3		189.06	73.52	20	0.5889		255.86	1035.00	26.48	No
4		189.30	74.31	23	0.5889		294.15	1035.00	30.44	No
5		189.13	74.83	22	0.5889		280.81	1035.00	29.06	No
6		189.01	74.36	26	0.5889		331.96	1035.00	34.36	No
7		188.90	74.78	25	0.5889		318.74	1035.00	32.99	No
8		189.04	73.29	27	0.5889		345.53	1035.00	35.76	No
9		189.15	73.04	29	0.5889		371.51	1035.00	38.45	No
10		189.06	74.74	25	0.5889		319.03	1035.00	33.02	No
11		189.16	77.09	23	0.5889		292.26	1035.00	30.25	No
12		189.01	74.21	22	0.5889		280.97	1035.00	29.08	No
13		189.12	74.45	24	0.5889		306.55	1035.00	31.73	No
14		188.86	75.04	24	0.5889		305.76	1035.00	31.65	No
15		189.02	77.28	20	0.5889		253.86	1035.00	26.27	No
16		188.85	74.86	19	0.5889		242.13	1035.00	25.06	No
17		189.08	74.38	22	0.5889		280.99	1035.00	29.08	No
18		189.12	74.27	22	0.5889		281.10	1035.00	29.09	No
19		188.99	75.00	24	0.5889		306.00	1035.00	31.67	No
20		189.13	76.68	23	0.5889		292.46	1035.00	30.27	No
21		189.10	76.11	21	0.5889		267.29	1035.00	27.66	No
22		188.86	73.82	22	0.5889		280.98	1035.00	29.08	No
23		188.81	72.01	23	0.5889		294.76	1035.00	30.51	No
24		189.04	72.28	26	0.5889		333.43	1035.00	34.51	No
25		189.05	73.55	27	0.5889		345.37	1035.00	35.75	No
26		189.02	73.92	27	0.5889		345.04	1035.00	35.71	No
27		188.73	73.33	23	0.5889		293.83	1035.00	30.41	No
28		188.84	71.80	24	0.5889		307.76	1035.00	31.85	No
29		188.67	71.33	29	0.5889		371.91	1035.00	38.49	No
30		188.80	70.85	30	0.5889		385.38	1035.00	39.89	No
31		189.03	73.21	30	0.5889		383.97	1035.00	39.74	No
Total		188.99	73.85	740	0.5889		9,456.90		978.79	

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GAS VOLUME STATEMENT

September 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.760	0.790						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		189.19	74.06	27	0.5872		345.23	1033.00	35.66	No
2		189.18	74.55	27	0.5872		344.85	1033.00	35.62	No
3		188.87	74.71	30	0.5872		382.41	1033.00	39.50	No
4		189.01	76.93	30	0.5872		380.96	1033.00	39.35	No
5		189.09	79.77	29	0.5872		366.32	1033.00	37.84	No
6		189.04	80.86	32	0.5872		403.20	1033.00	41.65	No
7		189.43	80.72	30	0.5872		378.90	1033.00	39.14	No
8		189.39	82.26	30	0.5872		377.64	1033.00	39.01	No
9		189.21	82.91	30	0.5872		376.79	1033.00	38.92	No
10		188.98	76.61	35	0.5872		444.70	1033.00	45.94	No
11		187.65	73.06	36	0.5872		457.37	1033.00	47.25	No
12		186.74	72.67	33	0.5872		417.54	1033.00	43.13	No
13		186.88	72.95	33	0.5872		417.62	1033.00	43.14	No
14		187.16	72.15	30	0.5872		380.84	1033.00	39.34	No
15		187.10	70.60	27	0.5872		343.75	1033.00	35.51	No
16		186.60	70.31	30	0.5872		381.12	1033.00	39.37	No
17		186.43	70.25	27	0.5872		342.74	1033.00	35.40	No
18		186.58	69.83	25	0.5872		317.89	1033.00	32.84	No
19		186.50	69.29	29	0.5872		369.00	1033.00	38.12	No
20		186.57	69.64	32	0.5872		407.02	1033.00	42.05	No
21		186.80	70.03	31	0.5872		394.50	1033.00	40.75	No
22		187.02	70.14	33	0.5872		420.35	1033.00	43.42	No
23		186.73	69.13	29	0.5872		369.58	1033.00	38.18	No
24		187.31	68.95	23	0.5872		294.16	1033.00	30.39	No
25		188.65	67.29	23	0.5872		297.36	1033.00	30.72	No
26		188.59	67.55	21	0.5872		271.26	1033.00	28.02	No
27		188.65	66.91	22	0.5872		284.65	1033.00	29.40	No
28		188.79	67.82	27	0.5872		348.95	1033.00	36.05	No
29		188.90	69.23	30	0.5872		386.81	1033.00	39.96	No
30		188.78	70.80	29	0.5872		372.47	1033.00	38.48	No
Total		187.98	72.95	870	0.5872		11,075.97		1,144.15	

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GAS VOLUME STATEMENT

October 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.720	0.870						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.67	70.79	30	0.5854		385.00	1031.00	39.69	No
2		188.69	71.76	26	0.5854		333.05	1031.00	34.34	No
3		188.78	71.98	25	0.5854		320.24	1031.00	33.02	No
4		188.74	72.34	25	0.5854		319.93	1031.00	32.99	No
5		188.97	70.70	29	0.5854		372.86	1031.00	38.44	No
6		189.05	70.05	28	0.5854		360.63	1031.00	37.18	No
7		188.78	70.55	32	0.5854		411.11	1031.00	42.39	No
8		188.72	69.78	31	0.5854		398.78	1031.00	41.11	No
9		188.48	69.85	29	0.5854		372.51	1031.00	38.41	No
10		188.66	70.79	24	0.5854		307.99	1031.00	31.75	No
11		188.70	68.89	21	0.5854		270.61	1031.00	27.90	No
12		188.94	69.79	23	0.5854		296.21	1031.00	30.54	No
13		189.01	67.64	20	0.5854		258.83	1031.00	26.69	No
14		188.55	67.82	21	0.5854		270.99	1031.00	27.94	No
15		190.76	66.96	18	0.5854		235.42	1031.00	24.27	No
16		196.33	66.50	18	0.5854		242.76	1031.00	25.03	No
17		196.09	66.51	16	0.5854		215.50	1031.00	22.22	No
18		193.65	70.70	21	0.5854		276.82	1031.00	28.54	No
19		189.06	70.08	30	0.5854		386.40	1031.00	39.84	No
20		189.12	69.60	27	0.5854		348.20	1031.00	35.90	No
21		188.84	70.33	24	0.5854		308.57	1031.00	31.81	No
22		188.53	70.44	23	0.5854		295.16	1031.00	30.43	No
23		188.47	71.38	23	0.5854		294.49	1031.00	30.36	No
24		188.55	68.93	25	0.5854		321.88	1031.00	33.19	No
25		188.46	65.64	20	0.5854		259.14	1031.00	26.72	No
26		188.51	67.50	23	0.5854		296.94	1031.00	30.61	No
27		188.45	67.54	21	0.5854		271.00	1031.00	27.94	No
28		188.50	66.57	23	0.5854		297.49	1031.00	30.67	No
29		187.96	66.49	28	0.5854		361.16	1031.00	37.24	No
30		187.90	67.68	33	0.5854		424.46	1031.00	43.76	No
31		187.70	66.68	22	0.5854		283.26	1031.00	29.20	No
Total		189.17	69.25	759	0.5854		9,797.39		1,010.11	

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GAS VOLUME STATEMENT

November 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.730	0.730						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.07	63.28	6	0.5869		77.98	1034.00	8.06	No
2		187.87	64.24	29	0.5869		375.73	1034.00	38.85	No
3		187.97	68.11	29	0.5869		372.92	1034.00	38.56	No
4		188.17	66.92	15	0.5869		193.57	1034.00	20.02	No
5		187.94	67.56	6	0.5869		77.23	1034.00	7.99	No
6		187.14	68.00	3	0.5869		38.42	1034.00	3.97	No
7		187.27	63.42	8	0.5869		103.50	1034.00	10.70	No
8		187.31	62.70	21	0.5869		272.13	1034.00	28.14	No
9		187.61	64.66	22	0.5869		284.39	1034.00	29.41	No
10		187.72	64.77	19	0.5869		245.70	1034.00	25.41	No
11		187.32	62.84	21	0.5869		272.07	1034.00	28.13	No
12		187.21	63.82	20	0.5869		258.41	1034.00	26.72	No
13		187.57	65.43	22	0.5869		283.87	1034.00	29.35	No
14		187.40	62.97	21	0.5869		272.11	1034.00	28.14	No
15		187.10	61.57	25	0.5869		324.35	1034.00	33.54	No
16		186.84	61.37	25	0.5869		324.03	1034.00	33.50	No
17		186.78	61.45	26	0.5869		336.83	1034.00	34.83	No
18		186.42	61.03	28	0.5869		362.32	1034.00	37.46	No
19		186.44	61.96	28	0.5869		361.66	1034.00	37.40	No
20		186.56	63.02	28	0.5869		361.09	1034.00	37.34	No
21		186.63	62.75	25	0.5869		322.71	1034.00	33.37	No
22		186.49	61.95	29	0.5869		374.68	1034.00	38.74	No
23		187.01	61.07	27	0.5869		350.50	1034.00	36.24	No
24		187.36	61.57	26	0.5869		337.82	1034.00	34.93	No
25		186.79	61.46	26	0.5869		336.84	1034.00	34.83	No
26		187.68	62.60	20	0.5869		259.75	1034.00	26.86	No
27		187.47	63.05	18	0.5869		233.29	1034.00	24.12	No
28		187.89	64.67	18	0.5869		233.02	1034.00	24.09	No
29		187.67	61.37	20	0.5869		260.41	1034.00	26.93	No
30		188.01	64.28	19	0.5869		246.34	1034.00	25.47	No
Total		187.24	63.10	630	0.5869		8,153.65		843.09	

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GAS VOLUME STATEMENT

December 2024

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.780	0.750						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.21	63.56	20	0.5893		260.02	1037.00	26.96	No
2		187.03	61.86	26	0.5893		337.07	1037.00	34.95	No
3		187.05	61.34	28	0.5893		363.42	1037.00	37.69	No
4		186.75	60.37	28	0.5893		363.57	1037.00	37.70	No
5		186.13	58.84	28	0.5893		363.51	1037.00	37.70	No
6		186.60	61.02	28	0.5893		362.77	1037.00	37.62	No
7		187.52	63.49	22	0.5893		285.01	1037.00	29.56	No
8		187.21	60.90	24	0.5893		312.08	1037.00	32.36	No
9		187.18	61.02	27	0.5893		350.94	1037.00	36.39	No
10		186.23	61.67	26	0.5893		335.71	1037.00	34.81	No
11		185.91	59.71	23	0.5893		297.67	1037.00	30.87	No
12		184.97	58.15	29	0.5893		374.61	1037.00	38.85	No
13		185.98	59.09	25	0.5893		324.11	1037.00	33.61	No
14		186.78	58.89	23	0.5893		299.63	1037.00	31.07	No
15		186.48	59.23	22	0.5893		285.94	1037.00	29.65	No
16		186.00	61.08	34	0.5893		438.98	1037.00	45.52	No
17		186.56	62.09	35	0.5893		452.35	1037.00	46.91	No
18		187.22	65.91	36	0.5893		463.25	1037.00	48.04	No
19		187.64	63.69	37	0.5893		479.44	1037.00	49.72	No
20		186.59	60.19	43	0.5893		558.06	1037.00	57.87	No
21		186.97	61.01	45	0.5893		584.24	1037.00	60.59	No
22		187.34	61.34	42	0.5893		546.02	1037.00	56.62	No
23		186.06	62.06	48	0.5893		618.65	1037.00	64.15	No
24		185.10	60.31	49	0.5893		630.55	1037.00	65.39	No
25		186.16	61.86	49	0.5893		632.22	1037.00	65.56	No
26		185.39	60.85	49	0.5893		630.84	1037.00	65.42	No
27		185.49	61.01	50	0.5893		643.86	1037.00	66.77	No
28		186.25	61.14	52	0.5893		672.24	1037.00	69.71	No
29		185.06	59.17	52	0.5893		670.64	1037.00	69.55	No
30		185.62	60.88	44	0.5893		567.14	1037.00	58.81	No
31		184.45	59.54	50	0.5893		642.10	1037.00	66.59	No
Total		186.25	61.01	1094	0.5893		14,146.63		1,467.01	

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GAS VOLUME STATEMENT

January 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.710	0.790						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		185.82	60.28	45	0.5864		581.28	1033.00	60.05	No
2		185.23	61.30	42	0.5864		539.59	1033.00	55.74	No
3		184.77	59.12	45	0.5864		579.29	1033.00	59.84	No
4		185.33	60.62	42	0.5864		540.66	1033.00	55.85	No
5		185.68	61.97	40	0.5864		514.45	1033.00	53.14	No
6		185.57	62.62	41	0.5864		526.25	1033.00	54.36	No
7		185.48	62.85	44	0.5864		564.22	1033.00	58.28	No
8		186.05	62.76	39	0.5864		501.78	1033.00	51.83	No
9		185.35	59.99	46	0.5864		593.00	1033.00	61.26	No
10		185.21	61.15	47	0.5864		603.93	1033.00	62.39	No
11		185.53	61.12	48	0.5864		617.95	1033.00	63.83	No
12		185.68	61.57	52	0.5864		669.35	1033.00	69.14	No
13		184.28	60.44	54	0.5864		691.31	1033.00	71.41	No
14		183.67	59.51	55	0.5864		703.11	1033.00	72.63	No
15		184.48	61.23	49	0.5864		626.96	1033.00	64.77	No
16		184.33	60.40	45	0.5864		576.29	1033.00	59.53	No
17		184.15	58.41	43	0.5864		552.48	1033.00	57.07	No
18		184.87	59.13	46	0.5864		592.52	1033.00	61.21	No
19		184.72	57.76	47	0.5864		606.61	1033.00	62.66	No
20		184.99	61.75	47	0.5864		602.43	1033.00	62.23	No
21		184.15	60.47	49	0.5864		626.81	1033.00	64.75	No
22		185.47	62.26	45	0.5864		577.70	1033.00	59.68	No
23		185.48	63.05	43	0.5864		551.18	1033.00	56.94	No
24		185.60	61.86	42	0.5864		540.04	1033.00	55.79	No
25		184.93	58.47	37	0.5864		477.41	1033.00	49.32	No
26		184.06	55.40	38	0.5864		491.10	1033.00	50.73	No
27		183.73	56.42	36	0.5864		463.38	1033.00	47.87	No
28		183.54	57.85	40	0.5864		512.77	1033.00	52.97	No
29		184.16	58.19	36	0.5864		462.75	1033.00	47.80	No
30		183.68	56.58	37	0.5864		475.97	1033.00	49.17	No
31		183.87	57.70	41	0.5864		526.73	1033.00	54.41	No
Total		184.84	60.15	1361	0.5864		17,489.29		1,806.64	

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GAS VOLUME STATEMENT

February 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.800	0.650						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		185.34	60.53	48	0.5895		618.29	1038.00	64.18	No
2		186.11	61.00	49	0.5895		633.22	1038.00	65.73	No
3		185.53	59.17	47	0.5895		607.76	1038.00	63.09	No
4		185.51	60.34	46	0.5895		593.33	1038.00	61.59	No
5		185.55	59.04	43	0.5895		556.26	1038.00	57.74	No
6		185.83	59.57	40	0.5895		517.67	1038.00	53.73	No
7		185.93	59.91	48	0.5895		621.12	1038.00	64.47	No
8		185.57	59.97	43	0.5895		555.24	1038.00	57.63	No
9		185.53	60.52	41	0.5895		528.67	1038.00	54.88	No
10		184.88	58.81	41	0.5895		528.66	1038.00	54.88	No
11		184.75	59.63	42	0.5895		540.23	1038.00	56.08	No
12		183.61	57.00	44	0.5895		565.50	1038.00	58.70	No
13		184.24	57.81	45	0.5895		579.38	1038.00	60.14	No
14		185.24	59.17	42	0.5895		542.26	1038.00	56.29	No
15		186.12	57.77	22	0.5895		286.29	1038.00	29.72	No
16		186.12	61.45	39	0.5895		503.56	1038.00	52.27	No
17		185.51	60.97	39	0.5895		502.34	1038.00	52.14	No
18		185.58	60.79	40	0.5895		515.64	1038.00	53.52	No
19		185.60	61.10	36	0.5895		463.83	1038.00	48.15	No
20		186.17	61.74	36	0.5895		464.67	1038.00	48.23	No
21		186.36	62.53	36	0.5895		464.36	1038.00	48.20	No
22		186.57	62.49	36	0.5895		464.95	1038.00	48.26	No
23		186.76	63.59	42	0.5895		541.76	1038.00	56.23	No
24		186.74	63.01	38	0.5895		490.69	1038.00	50.93	No
25		186.46	63.36	34	0.5895		438.05	1038.00	45.47	No
26		186.59	63.74	42	0.5895		541.07	1038.00	56.16	No
27		186.78	66.16	41	0.5895		526.07	1038.00	54.61	No
28		186.88	62.28	40	0.5895		517.68	1038.00	53.74	No
Total		185.75	60.80	1140	0.5895		14,708.55		1,526.75	

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GAS VOLUME STATEMENT

March 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.720	0.710						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		186.85	60.88	40	0.5866		519.00	1034.00	53.66	No
2		186.31	60.67	45	0.5866		582.40	1034.00	60.22	No
3		185.14	60.61	53	0.5866		681.61	1034.00	70.48	No
4		185.58	61.90	50	0.5866		642.86	1034.00	66.47	No
5		184.40	58.17	49	0.5866		630.79	1034.00	65.22	No
6		183.24	56.56	48	0.5866		616.01	1034.00	63.70	No
7		184.39	60.25	42	0.5866		538.30	1034.00	55.66	No
8		185.56	60.83	40	0.5866		515.38	1034.00	53.29	No
9		186.01	62.55	46	0.5866		592.04	1034.00	61.22	No
10		185.62	61.84	44	0.5866		565.90	1034.00	58.51	No
11		184.76	59.74	43	0.5866		552.82	1034.00	57.16	No
12		184.92	59.25	40	0.5866		515.27	1034.00	53.28	No
13		184.12	56.06	37	0.5866		477.69	1034.00	49.39	No
14		181.62	54.96	38	0.5866		484.84	1034.00	50.13	No
15		184.78	58.62	32	0.5866		412.45	1034.00	42.65	No
16		185.60	60.19	33	0.5866		425.86	1034.00	44.03	No
17		185.27	59.16	32	0.5866		413.09	1034.00	42.71	No
18		185.13	60.29	30	0.5866		386.04	1034.00	39.92	No
19		185.96	63.99	31	0.5866		397.66	1034.00	41.12	No
20		186.44	61.70	34	0.5866		439.39	1034.00	45.43	No
21		186.37	62.53	38	0.5866		490.05	1034.00	50.67	No
22		186.96	62.64	32	0.5866		413.90	1034.00	42.80	No
23		187.11	63.50	35	0.5866		452.26	1034.00	46.76	No
24		187.00	63.91	34	0.5866		438.69	1034.00	45.36	No
25		186.80	61.20	35	0.5866		453.69	1034.00	46.91	No
26		186.30	60.30	36	0.5866		466.24	1034.00	48.21	No
27		186.48	61.98	36	0.5866		465.06	1034.00	48.09	No
28		186.28	62.35	37	0.5866		477.05	1034.00	49.33	No
29		186.13	62.14	38	0.5866		489.82	1034.00	50.65	No
30		186.22	61.27	38	0.5866		490.93	1034.00	50.76	No
31		185.43	60.99	43	0.5866		553.43	1034.00	57.22	No
Total		185.52	60.62	1209	0.5866		15,580.50		1,611.02	

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GAS VOLUME STATEMENT

April 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.660	0.760						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		185.19	61.31	42	0.5819		539.21	1028.00	55.43	No
2		184.94	60.80	44	0.5819		564.73	1028.00	58.05	No
3		184.95	60.69	41	0.5819		526.37	1028.00	54.11	No
4		185.26	62.16	38	0.5819		487.20	1028.00	50.08	No
5		186.08	65.80	36	0.5819		460.13	1028.00	47.30	No
6		186.85	65.93	34	0.5819		436.28	1028.00	44.85	No
7		186.50	64.71	34	0.5819		436.56	1028.00	44.88	No
8		186.75	65.59	33	0.5819		423.53	1028.00	43.54	No
9		186.85	66.83	29	0.5819		371.41	1028.00	38.18	No
10		186.75	66.82	29	0.5819		371.23	1028.00	38.16	No
11		187.02	66.72	28	0.5819		359.03	1028.00	36.91	No
12		187.12	64.68	27	0.5819		347.87	1028.00	35.76	No
13		187.09	62.91	31	0.5819		400.82	1028.00	41.20	No
14		186.52	63.21	34	0.5819		437.99	1028.00	45.02	No
15		185.97	61.51	32	0.5819		412.43	1028.00	42.40	No
16		185.85	62.07	32	0.5819		411.67	1028.00	42.32	No
17		185.50	61.16	31	0.5819		398.80	1028.00	41.00	No
18		185.53	60.48	30	0.5819		386.55	1028.00	39.74	No
19		186.33	63.28	29	0.5819		373.15	1028.00	38.36	No
20		186.71	63.35	29	0.5819		373.84	1028.00	38.43	No
21		186.30	62.98	28	0.5819		360.42	1028.00	37.05	No
22		186.30	62.33	26	0.5819		335.13	1028.00	34.45	No
23		185.83	61.40	26	0.5819		334.93	1028.00	34.43	No
24		186.09	61.60	26	0.5819		335.27	1028.00	34.47	No
25		185.95	60.84	30	0.5819		387.16	1028.00	39.80	No
26		185.73	59.27	28	0.5819		362.12	1028.00	37.23	No
27		185.82	60.26	26	0.5819		335.71	1028.00	34.51	No
28		185.87	61.06	25	0.5819		322.36	1028.00	33.14	No
29		186.11	62.63	21	0.5819		270.24	1028.00	27.78	No
30		186.28	62.33	23	0.5819		296.43	1028.00	30.47	No
Total		186.09	62.81	922	0.5819		11,858.59		1,219.06	

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GAS VOLUME STATEMENT

May 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.730	0.780						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		186.26	62.67	26	0.5811		334.78	1024.00	34.28	No
2		186.66	61.45	22	0.5811		284.62	1024.00	29.14	No
3		186.65	61.45	22	0.5811		284.60	1024.00	29.14	No
4		186.10	60.77	25	0.5811		322.91	1024.00	33.07	No
5		186.00	62.46	24	0.5811		308.71	1024.00	31.61	No
6		185.91	61.88	26	0.5811		334.69	1024.00	34.27	No
7		186.28	63.52	28	0.5811		359.92	1024.00	36.86	No
8		186.63	65.74	23	0.5811		294.85	1024.00	30.19	No
9		187.07	67.83	18	0.5811		230.30	1024.00	23.58	No
10		187.79	72.89	12	0.5811		152.54	1024.00	15.62	No
11		187.93	70.77	10	0.5811		127.76	1024.00	13.08	No
12		187.05	65.55	9	0.5811		115.69	1024.00	11.85	No
13		186.75	62.65	7	0.5811		90.38	1024.00	9.25	No
14		185.90	61.80	4	0.5811		51.50	1024.00	5.27	No
15		186.72	62.78	9	0.5811		116.15	1024.00	11.89	No
16		186.80	62.03	12	0.5811		155.18	1024.00	15.89	No
17		186.93	61.71	14	0.5811		181.29	1024.00	18.56	No
18		187.36	64.07	12	0.5811		154.99	1024.00	15.87	No
19		186.78	65.53	10	0.5811		128.36	1024.00	13.14	No
20		187.35	68.87	9	0.5811		115.08	1024.00	11.78	No
21		187.04	69.11	9	0.5811		114.83	1024.00	11.76	No
22		187.30	68.22	15	0.5811		192.01	1024.00	19.66	No
23		187.15	67.11	17	0.5811		217.93	1024.00	22.32	No
24		187.54	65.85	15	0.5811		193.20	1024.00	19.78	No
25		187.87	65.15	9	0.5811		116.30	1024.00	11.91	No
26		186.86	64.48	10	0.5811		128.69	1024.00	13.18	No
27		187.06	64.41	7	0.5811		90.19	1024.00	9.24	No
28		186.85	64.38	17	0.5811		218.82	1024.00	22.41	No
29		186.97	66.18	20	0.5811		256.64	1024.00	26.28	No
30		187.26	69.79	24	0.5811		306.16	1024.00	31.35	No
31		187.67	68.58	20	0.5811		256.33	1024.00	26.25	No
Total		186.82	64.87	485	0.5811		6,235.38		638.50	

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GAS VOLUME STATEMENT

June 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.730	0.690						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.82	68.59	18	0.5836		230.97	1030.00	23.79	No
2		187.45	67.45	27	0.5836		346.56	1030.00	35.70	No
3		186.95	65.17	25	0.5836		321.53	1030.00	33.12	No
4		187.16	65.87	28	0.5836		360.00	1030.00	37.08	No
5		187.36	65.63	22	0.5836		283.32	1030.00	29.18	No
6		187.24	65.14	23	0.5836		296.31	1030.00	30.52	No
7		187.63	64.67	19	0.5836		245.53	1030.00	25.29	No
8		187.60	65.31	21	0.5836		270.98	1030.00	27.91	No
9		187.24	66.69	23	0.5836		295.35	1030.00	30.42	No
10		187.11	67.71	19	0.5836		243.29	1030.00	25.06	No
11		187.24	67.96	21	0.5836		268.96	1030.00	27.70	No
12		187.31	67.16	22	0.5836		282.33	1030.00	29.08	No
13		187.09	68.51	19	0.5836		242.86	1030.00	25.01	No
14		187.90	68.52	17	0.5836		218.25	1030.00	22.48	No
15		187.90	70.02	19	0.5836		243.17	1030.00	25.05	No
16		187.53	71.10	19	0.5836		242.14	1030.00	24.94	No
17		187.55	72.34	21	0.5836		266.98	1030.00	27.50	No
18		187.59	72.25	20	0.5836		254.37	1030.00	26.20	No
19		187.56	69.05	13	0.5836		166.41	1030.00	17.14	No
20		188.09	67.09	7	0.5836		90.23	1030.00	9.29	No
21		188.27	65.20	3	0.5836		38.86	1030.00	4.00	No
22		188.01	68.83	2	0.5836		25.68	1030.00	2.64	No
23		187.60	68.94	3	0.5836		38.41	1030.00	3.96	No
24		189.22	63.09	1	0.5836		13.08	1030.00	1.35	No
25		187.25	69.95	3	0.5836		38.27	1030.00	3.94	No
26		187.90	68.01	4	0.5836		51.41	1030.00	5.30	No
27		187.12	66.91	4	0.5836		51.31	1030.00	5.28	No
28		187.36	72.64	6	0.5836		76.16	1030.00	7.84	No
29		188.89	67.01	9	0.5836		116.53	1030.00	12.00	No
30		188.09	63.29	5	0.5836		64.97	1030.00	6.69	No
Total		187.47	67.67	443	0.5836		5,684.19		585.47	

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GAS VOLUME STATEMENT

July 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.710	0.570						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.44	67.83	10	0.5856		128.29	1035.00	13.28	No
2		187.96	64.01	6	0.5856		77.81	1035.00	8.05	No
3		187.66	70.59	7	0.5856		89.40	1035.00	9.25	No
4		188.24	67.25	5	0.5856		64.50	1035.00	6.68	No
5		188.77	67.93	3	0.5856		38.75	1035.00	4.01	No
6		188.09	68.16	4	0.5856		51.46	1035.00	5.33	No
7		187.91	67.01	8	0.5856		103.07	1035.00	10.67	No
8		187.58	69.64	12	0.5856		153.48	1035.00	15.89	No
9		187.29	71.05	10	0.5856		127.33	1035.00	13.18	No
10		187.64	71.17	17	0.5856		216.83	1035.00	22.44	No
11		187.72	70.91	22	0.5856		280.86	1035.00	29.07	No
12		188.06	70.02	16	0.5856		205.02	1035.00	21.22	No
13		187.97	68.97	17	0.5856		218.20	1035.00	22.58	No
14		188.38	66.99	13	0.5856		167.93	1035.00	17.38	No
15		189.13	64.53	2	0.5856		26.07	1035.00	2.70	No
16		187.35	68.33	5	0.5856		64.05	1035.00	6.63	No
17		187.73	66.55	7	0.5856		90.19	1035.00	9.33	No
18		188.66	66.20	4	0.5856		51.83	1035.00	5.36	No
19		188.12	70.34	5	0.5856		64.04	1035.00	6.63	No
20		187.99	71.47	9	0.5856		114.94	1035.00	11.90	No
21		187.44	69.07	6	0.5856		76.77	1035.00	7.95	No
22		188.61	64.90	3	0.5856		38.97	1035.00	4.03	No
23		188.43	66.99	8	0.5856		103.37	1035.00	10.70	No
24		187.77	69.63	19	0.5856		243.27	1035.00	25.18	No
25		187.67	69.46	26	0.5856		332.83	1035.00	34.45	No
26		188.18	70.10	30	0.5856		384.60	1035.00	39.81	No
27		188.34	70.08	31	0.5856		397.79	1035.00	41.17	No
28		188.01	70.51	32	0.5856		409.53	1035.00	42.39	No
29		188.20	70.24	28	0.5856		358.90	1035.00	37.15	No
30		187.97	70.98	22	0.5856		281.21	1035.00	29.10	No
31		187.78	70.63	20	0.5856		255.56	1035.00	26.45	No
Total		187.96	69.60	407	0.5856		5,216.87		539.95	

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GAS VOLUME STATEMENT

August 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.770	0.680						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.96	70.37	23	0.5871		294.36	1034.00	30.44	No
2		188.32	70.69	24	0.5871		307.55	1034.00	31.80	No
3		188.42	71.01	20	0.5871		256.27	1034.00	26.50	No
4		187.79	72.27	21	0.5871		267.46	1034.00	27.66	No
5		188.13	73.11	21	0.5871		267.49	1034.00	27.66	No
6		188.12	73.96	15	0.5871		190.73	1034.00	19.72	No
7		187.93	73.30	16	0.5871		203.51	1034.00	21.04	No
8		188.12	73.09	16	0.5871		203.80	1034.00	21.07	No
9		188.61	70.72	10	0.5871		128.34	1034.00	13.27	No
10		188.67	68.43	10	0.5871		129.00	1034.00	13.34	No
11		188.24	71.16	8	0.5871		102.37	1034.00	10.59	No
12		187.80	70.47	8	0.5871		102.28	1034.00	10.58	No
13		187.83	73.27	6	0.5871		76.28	1034.00	7.89	No
14		188.00	69.27	8	0.5871		102.64	1034.00	10.61	No
15		187.77	71.56	9	0.5871		114.78	1034.00	11.87	No
16		187.95	70.65	16	0.5871		204.65	1034.00	21.16	No
17		188.27	72.28	20	0.5871		255.39	1034.00	26.41	No
18		188.15	73.85	22	0.5871		279.83	1034.00	28.93	No
19		187.92	74.11	21	0.5871		266.63	1034.00	27.57	No
20		188.03	75.38	24	0.5871		304.13	1034.00	31.45	No
21		188.27	75.70	14	0.5871		177.52	1034.00	18.36	No
22		188.19	77.40	17	0.5871		214.72	1034.00	22.20	No
23		188.68	74.65	11	0.5871		140.09	1034.00	14.49	No
24		188.66	74.23	10	0.5871		127.45	1034.00	13.18	No
25		188.04	76.16	15	0.5871		189.79	1034.00	19.62	No
26		188.08	73.78	22	0.5871		279.77	1034.00	28.93	No
27		188.08	74.84	20	0.5871		253.79	1034.00	26.24	No
28		188.04	75.17	19	0.5871		240.89	1034.00	24.91	No
29		188.16	76.49	19	0.5871		240.39	1034.00	24.86	No
30		188.56	76.82	19	0.5871		240.76	1034.00	24.89	No
31		188.80	75.84	21	0.5871		266.98	1034.00	27.61	No
Total		188.18	73.46	505	0.5871		6,429.66		664.83	

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GAS VOLUME STATEMENT

September 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.810	0.690						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.43	75.39	23	0.5878		292.09	1034.00	30.20	No
2		188.17	76.51	23	0.5878		291.01	1034.00	30.09	No
3		188.39	77.12	14	0.5878		177.13	1034.00	18.32	No
4		188.29	74.09	19	0.5878		241.76	1034.00	25.00	No
5		188.08	73.47	20	0.5878		254.50	1034.00	26.32	No
6		188.32	75.33	21	0.5878		266.56	1034.00	27.56	No
7		188.39	75.58	22	0.5878		279.23	1034.00	28.87	No
8		187.96	74.61	22	0.5878		279.13	1034.00	28.86	No
9		187.69	73.54	21	0.5878		266.63	1034.00	27.57	No
10		187.78	73.62	28	0.5878		355.62	1034.00	36.77	No
11		187.64	72.32	31	0.5878		394.48	1034.00	40.79	No
12		187.73	72.52	27	0.5878		343.60	1034.00	35.53	No
13		188.03	72.31	26	0.5878		331.57	1034.00	34.28	No
14		188.87	70.84	13	0.5878		167.04	1034.00	17.27	No
15		187.76	73.59	18	0.5878		228.60	1034.00	23.64	No
16		187.58	76.10	18	0.5878		227.21	1034.00	23.49	No
17		187.76	74.66	20	0.5878		253.45	1034.00	26.21	No
18		187.80	74.48	22	0.5878		278.95	1034.00	28.84	No
19		187.79	74.58	24	0.5878		304.25	1034.00	31.46	No
20		188.06	74.15	27	0.5878		343.08	1034.00	35.47	No
21		188.27	73.15	28	0.5878		356.91	1034.00	36.90	No
22		187.74	74.11	25	0.5878		317.12	1034.00	32.79	No
23		187.71	73.93	25	0.5878		317.19	1034.00	32.80	No
24		187.77	74.29	26	0.5878		329.76	1034.00	34.10	No
25		187.79	71.28	29	0.5878		370.13	1034.00	38.27	No
26		187.66	71.45	33	0.5878		420.72	1034.00	43.50	No
27		187.92	71.98	32	0.5878		408.12	1034.00	42.20	No
28		188.15	72.83	31	0.5878		395.17	1034.00	40.86	No
29		187.74	72.53	33	0.5878		419.96	1034.00	43.42	No
30		187.60	71.79	32	0.5878		407.56	1034.00	42.14	No
Total		187.93	73.55	733	0.5878		9,318.50		963.53	

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GAS VOLUME STATEMENT

October 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.680	0.800						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		189.30	72.19	31	0.5824		397.90	1027.00	40.86	No
2		188.49	72.30	35	0.5824		447.24	1027.00	45.93	No
3		188.35	71.34	40	0.5824		511.77	1027.00	52.56	No
4		188.62	71.77	42	0.5824		537.66	1027.00	55.22	No
5		188.56	72.28	44	0.5824		562.49	1027.00	57.77	No
6		188.30	71.28	47	0.5824		601.24	1027.00	61.75	No
7		188.22	71.12	45	0.5824		575.59	1027.00	59.11	No
8		188.38	69.87	38	0.5824		487.73	1027.00	50.09	No
9		188.21	71.42	40	0.5824		511.29	1027.00	52.51	No
10		188.45	73.29	40	0.5824		509.98	1027.00	52.38	No
11		188.65	72.34	39	0.5824		498.76	1027.00	51.22	No
12		188.65	71.17	36	0.5824		461.49	1027.00	47.39	No
13		188.17	69.25	30	0.5824		385.08	1027.00	39.55	No
14		187.53	61.99	25	0.5824		324.67	1027.00	33.34	No
15		187.67	64.70	24	0.5824		310.16	1027.00	31.85	No
16		187.78	66.61	22	0.5824		283.35	1027.00	29.10	No
17		188.03	68.93	24	0.5824		308.06	1027.00	31.64	No
18		188.46	70.44	20	0.5824		256.50	1027.00	26.34	No
19		188.73	70.18	19	0.5824		244.17	1027.00	25.08	No
20		188.48	70.16	17	0.5824		218.19	1027.00	22.41	No
21		188.33	68.43	15	0.5824		193.04	1027.00	19.83	No
22		188.06	68.19	12	0.5824		154.29	1027.00	15.85	No
23		188.09	66.17	13	0.5824		167.87	1027.00	17.24	No
24		188.11	67.31	11	0.5824		141.72	1027.00	14.56	No
25		188.48	64.92	13	0.5824		168.67	1027.00	17.32	No
26		188.39	64.68	14	0.5824		181.65	1027.00	18.66	No
27		188.20	67.02	17	0.5824		219.27	1027.00	22.52	No
28		188.34	72.21	22	0.5824		280.96	1027.00	28.85	No
29		188.50	74.99	25	0.5824		317.73	1027.00	32.63	No
30		188.54	72.32	31	0.5824		396.24	1027.00	40.69	No
31		188.55	70.11	30	0.5824		385.21	1027.00	39.56	No
Total		188.38	70.34	861	0.5824		11,039.99		1,133.81	

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GAS VOLUME STATEMENT

November 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.610	0.980						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		188.50	66.67	31	0.5791		400.63	1021.00	40.90	No
2		188.56	67.69	27	0.5791		348.30	1021.00	35.56	No
3		187.88	66.65	31	0.5791		399.29	1021.00	40.77	No
4		187.93	66.58	29	0.5791		373.68	1021.00	38.15	No
5		187.97	66.74	30	0.5791		386.52	1021.00	39.46	No
6		187.88	66.87	30	0.5791		386.24	1021.00	39.43	No
7		188.09	68.07	29	0.5791		372.86	1021.00	38.07	No
8		188.50	68.56	26	0.5791		334.70	1021.00	34.17	No
9		188.65	68.66	29	0.5791		373.54	1021.00	38.14	No
10		188.37	69.68	31	0.5791		397.87	1021.00	40.62	No
11		188.03	67.44	35	0.5791		450.43	1021.00	45.99	No
12		188.01	67.41	40	0.5791		514.77	1021.00	52.56	No
13		188.18	68.37	38	0.5791		488.52	1021.00	49.88	No
14		187.72	65.47	35	0.5791		451.53	1021.00	46.10	No
15		188.25	62.91	21	0.5791		273.17	1021.00	27.89	No
16		187.67	61.66	23	0.5791		299.01	1021.00	30.53	No
17		186.70	62.20	27	0.5791		348.74	1021.00	35.61	No
18		186.17	61.48	33	0.5791		425.65	1021.00	43.46	No
19		186.06	62.39	33	0.5791		424.57	1021.00	43.35	No
20		185.44	60.10	35	0.5791		450.93	1021.00	46.04	No
21		186.22	61.60	34	0.5791		438.55	1021.00	44.78	No
22		187.35	63.00	31	0.5791		401.19	1021.00	40.96	No
23		187.77	65.42	31	0.5791		400.07	1021.00	40.85	No
24		187.21	64.11	30	0.5791		387.05	1021.00	39.52	No
25		187.53	65.88	28	0.5791		360.53	1021.00	36.81	No
26		187.46	68.44	26	0.5791		332.89	1021.00	33.99	No
27		188.21	66.74	25	0.5791		322.52	1021.00	32.93	No
28		187.93	65.09	27	0.5791		349.00	1021.00	35.63	No
29		187.78	64.20	29	0.5791		375.23	1021.00	38.31	No
30		187.47	62.73	28	0.5791		362.80	1021.00	37.04	No
Total		187.62	65.44	902	0.5791		11,630.77		1,187.50	

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GAS VOLUME STATEMENT

December 2025

Meter #: 152762
Name: 005581 005581 E&B Natural Resources Management C
Closed Data

Pressure Base:	14.730 psia	**Meter Status:**	
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	14.730 psi	**Full Wellstream:**	
Calc Method:	AGA7	**WV Technique:**	
Z Method:	AGA-8 Gross 2 (1992)	**WV Method:**	
Meter Size:		**HV Cond:**	Dry
Press. Comp.:		**Meter Type:**	EFM
Temp. Comp.:		**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
0.700	0.840						

NC5	neo	C6	C7	C8	C9	C10	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm

Day	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Ccf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Ccf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1		187.15	64.40	31	0.5826		399.72	1026.00	41.01	No
2		186.43	63.97	40	0.5826		514.18	1026.00	52.75	No
3		186.98	64.29	41	0.5826		528.30	1026.00	54.20	No
4		186.47	64.09	40	0.5826		514.17	1026.00	52.75	No
5		186.50	63.31	37	0.5826		476.48	1026.00	48.89	No
6		187.15	63.61	37	0.5826		477.88	1026.00	49.03	No
7		187.50	64.21	35	0.5826		452.35	1026.00	46.41	No
8		187.32	65.94	33	0.5826		424.55	1026.00	43.56	No
9		187.74	67.19	30	0.5826		385.83	1026.00	39.59	No
10		187.79	67.10	33	0.5826		424.62	1026.00	43.57	No
11		187.75	65.85	36	0.5826		464.31	1026.00	47.64	No
12		187.51	64.27	35	0.5826		452.32	1026.00	46.41	No
13		187.77	62.86	33	0.5826		428.35	1026.00	43.95	No
14		187.82	63.25	35	0.5826		454.04	1026.00	46.58	No
15		187.46	64.26	38	0.5826		490.95	1026.00	50.37	No
16		186.82	62.16	38	0.5826		491.39	1026.00	50.42	No
17		187.03	63.05	38	0.5826		491.04	1026.00	50.38	No
18		187.37	64.55	36	0.5826		464.63	1026.00	47.67	No
19		187.31	63.87	38	0.5826		490.97	1026.00	50.37	No
20		187.85	63.28	34	0.5826		441.13	1026.00	45.26	No
21		187.80	62.70	37	0.5826		480.51	1026.00	49.30	No
22		187.28	63.01	34	0.5826		439.99	1026.00	45.14	No
23		186.88	63.15	34	0.5826		438.90	1026.00	45.03	No
24		186.97	61.98	40	0.5826		517.87	1026.00	53.13	No
25		187.98	63.30	37	0.5826		480.38	1026.00	49.29	No
26		186.89	60.64	39	0.5826		506.15	1026.00	51.93	No
27		186.76	60.77	39	0.5826		505.65	1026.00	51.88	No
28		186.54	61.10	40	0.5826		517.63	1026.00	53.11	No
29		186.19	61.69	34	0.5826		438.57	1026.00	45.00	No
30		186.87	63.49	38	0.5826		490.15	1026.00	50.29	No
31		186.98	62.56	38	0.5826		491.42	1026.00	50.42	No
Total		187.17	63.48	1128	0.5826		14,574.41		1,495.33	

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Attachment 12

From: Ted.Cordova <Ted.Cordova@ebresources.com>
Sent: Monday, July 1, 2024 2:48 PM
To: erica.blyther@lacity.org
Subject: FW: Air Monitoring to Petroleum Administrator - Murphy site
Importance: High

Hi Erica,

Thank you for reviewing our air monitoring for the Murphy site. Let me know if this looks fine to you.

Best regards,
Ted

From: Ted.Cordova
Sent: Saturday, April 13, 2024 7:58 AM
To: erica.blyther@lacity.org
Subject: Air Monitoring to Petroleum Administrator - Murphy site
Importance: High

Hi Erica,

I hope you are doing well.

Enclosed: APC's determination for case no. ZA-1959-15227-O-PA6-1A. Murphy site.

Background:
Several years ago, E&B Natural Resources (and HBOC) worked with Council District 5 (at the time Councilmember Paul Koretz), community and the office of Petroleum Administration and we volunteered to install and implement a fence line air monitoring system at the Rancho site which we did several years ago. We believe this is a best practice. In our annual report (another volunteered initiative by the operator), we have the data analyzed by a third party consultant. Prior to purchasing the Murphy site from Sentinel Peak Resources, we had similar conversations with the community about doing the same thing for the Murphy site – fenceline monitoring, annual inspections, and additional reporting requirements. All of those volunteered initiatives by E&B are now reflected in the PA6-1A APC Determination.

The exact wording of the condition is:

19. Within 90 days of the effective date of this action, the applicant shall install a fence line air monitoring system which presents real-time air monitoring data, along the fence line between the oil drilling and production facility and the community. The system shall be designed and installed to provide, as feasible, real time data on-line via a website and provide quarterly reports to the SCAQMD, the Petroleum Administrator and the Office of Zoning Administration for up to three years from the effective date of this action. Monthly reports shall also be submitted to the Office of Zoning Administration via e-mail to planning.oildrilling@lacity.org. The fence line air monitoring

system shall be designed to the satisfaction of the Petroleum Administrator and submitted to the Department of City Planning for inclusion in the case file prior to the upgrade of the existing fenceline monitoring system. The monitoring equipment shall continuously measure reactive organic compounds, hydrogen sulfide, and sulfur dioxide at the facility fence line.

Air Monitoring System:

E&B Natural Resources has installed two ambient air monitoring stations on the western and eastern fencelines of the Murphy facility. The stations continuously monitor for hydrogen sulfide, sulfur dioxide, and reactive organic compounds (also known as volatile organic compounds, or VOCs), as required by condition 19 of the City of Los Angeles' Conditions of Approval from Case Number ZA-1959-15227-O-PA6-1A. Monitoring data / sampling is captured approximately every minute. Data is saved to a cloud server and reports can be generated and distributed per the requirements of the Condition. Data can be accessed remotely by E&B staff in the event needed. Thresholds are set to federal standards and if there is an issue that exceeds thresholds, E&B staff would immediately be notified to fix an issue.

Please let me know if you have any questions or would like to further discuss.

Kind regards,
Ted

Ted Cordova
E&B Natural Resources
310-489-4972

www.ebresources.com

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Attachment 13

Los Angeles Department of Water & Power

BUILDING A STRONGER L.A.

Karen Bass, Mayor

Board of Commissioners
Cynthia McClain-Hill, President
Cynthia M. Ruiz, Vice President
Mia Lehrer
Nicole Neeman Brady
Nurit Katz
Chante L. Mitchell, Secretary

Martin L. Adams, General Manager and Chief Engineer

June 01, 2023

Mr. Samuel Layton
E&B Natural Resources Management Corporation
1600 Norris Rd
Bakersfield, CA 93308

Dear Mr. Layton:

Subject: Customer-Owned Parallel Generating System Interconnection Commitment
2126 W Adams Blvd, Los Angeles, CA 90018 - Murphy site microturbine
Project No. P291777 / Work Request No. 2201583

This letter confirms our approval to interconnect your 730kW AC Cogen System. Please install all facilities in accordance with the Los Angeles Department of Water and Power's (LADWP) Electric Service Requirements and the enclosed LADWP single line diagram 20C0079.

The maximum available fault current at the 3000A, 480V, 3Ø-3W underground service is estimated to be 41,500A amperes.

Contact the Electric Service Representative (ESR) for Area 398 at (213) 367-6217 for inspection of signage, meter equipment, lockable visible open disconnect, performance meter, access, and to spot disconnect location. Refer to the LADWP Electric Service Requirements Section 8 for parallel generating systems.

The LADWP single line diagram 22C0008 is to be laminated and visibly located at the main meter panel. Consult with the ESR for Area 398 for a location prior to posting.

You can track your jobs on our website at http://wmisweb.ladwp.com/powerwmis.

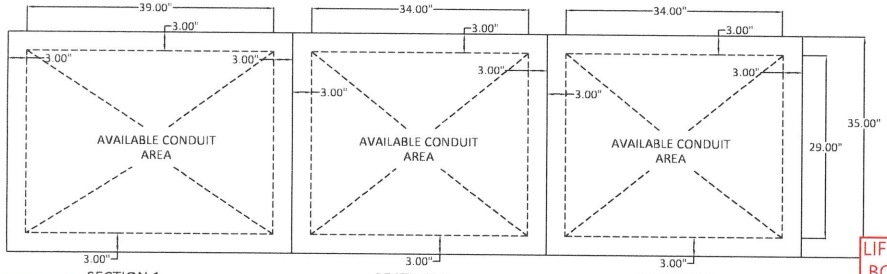
This commitment is valid for six months. If you have any questions regarding these requirements or if you wish to discuss any design changes, please contact our design engineer Mr. Biniam Tesfagiyorgis, at (818) 771-3681.

Sincerely,

Luis Nunezuribe
Luis Nunezuribe
Electrical Engineer, PV & BESS Design

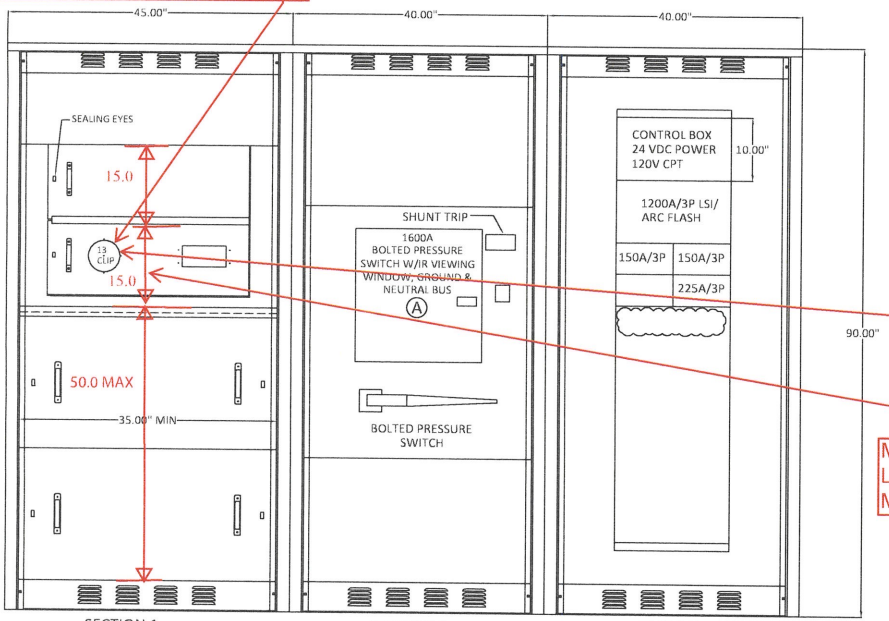
c: Biniam Tesfagiyorgis, ESR Area 398 DL

* LADWP ESR TO FIELD VERIFY GEAR PER ELECTRIC SERVICE REQUIRMENT



PLAN VIEW

CT requirements ESR PG 3-26



FRONT VIEW

LUG DRILLINGS: 2-12, 2-13, 2-14

UGPS: 3-44,45
METER DOOR: 3-12, 16,17

CONSTRUCTION NOTES

1. SWITCHBOARD SHALL BE OF NEMA 1 BOLTED CONSTRUCTION OF FORMED CORNER POST AND SUPPORT BRACKETS MADE OF GALVANIZED STEEL. THERE SHALL BE FORMED ACCESS COVERS OR DOORS ON THE FRONT, SIDES, AND REAR.
2. SWITCHBOARD SHALL BE PAINTED ANSI-61 LIGHT GRAY POLYESTER POWDER COAT.
3. ALL BUS WORK SHALL BE SILVER PLATED HARD DRAWN COPPER, 98% CONDUCTIVE, SIZE BASED ON 1000 AMPERES PER SQUARE INCH MAXIMUM CURRENT DENSITY.
4. ALL BUS SUPPORTS TO BE FABRICATED FROM GLASTIC TYPE GPO-3 FIBERGLASS STANDOFF INSULATORS, SHEETS, AND EXTRUDED SHAPES.
5. SWITCHBOARD SHALL BE UNDERWRITERS' LABORATORIES INC. LISTED PER UL891 PROCEDURE AND STANDARD.

LIFTING HANDLES,SEALING REQUIRMENT,GROUNDING BONDING,AND LABELING PER LADWP ESR PG. 3-10, 3-11

METER PANEL AND BLANK PANEL SHALL BE HINGED ON THE SAME SIDE . HINGE SHALL BE ON THE TEST SWITCH SIDE PER LADWP ESR PG. 3-12

The viewing window shall be located on center no higher than 68 inches above the level standing and working space. ESR PG 8-6i

TERMINATION BUS DUCT PER LADWP ESR PG. 3-42, 3-43.
BUSWAY SERVICE HEAD PG. 3-48, 3-49

Meter switches provided for instrument-transformer compartments shall be capable of being locked in the open (off) position using a standard Department padlock having a 5/16-inch lock shaft and a 1-inch locking clearance. ESR PG 3-7

☐ Approved
☑ Approved as amended
☐ Not approve
Engr BT Date 05/25/2023
Tel. (213) 841 -9086

Biniam Tesfagiyorgis

13 or 15 SOCKET CLIP PER ESR PG 2-15

METER PANEL AND SERVICE SECTION PER LADWP ESR PG.3-10, 3-12, 3-13, 3-16, 3-17.
METER HEIGHTS PG. 3-12, 5-12,5-13, 5-14

FOUR INCH BUS OR 5 INCH BUS? REFER TO CT REMOVABLE LINK LADWP ESR PG 3-30 OR 3-32

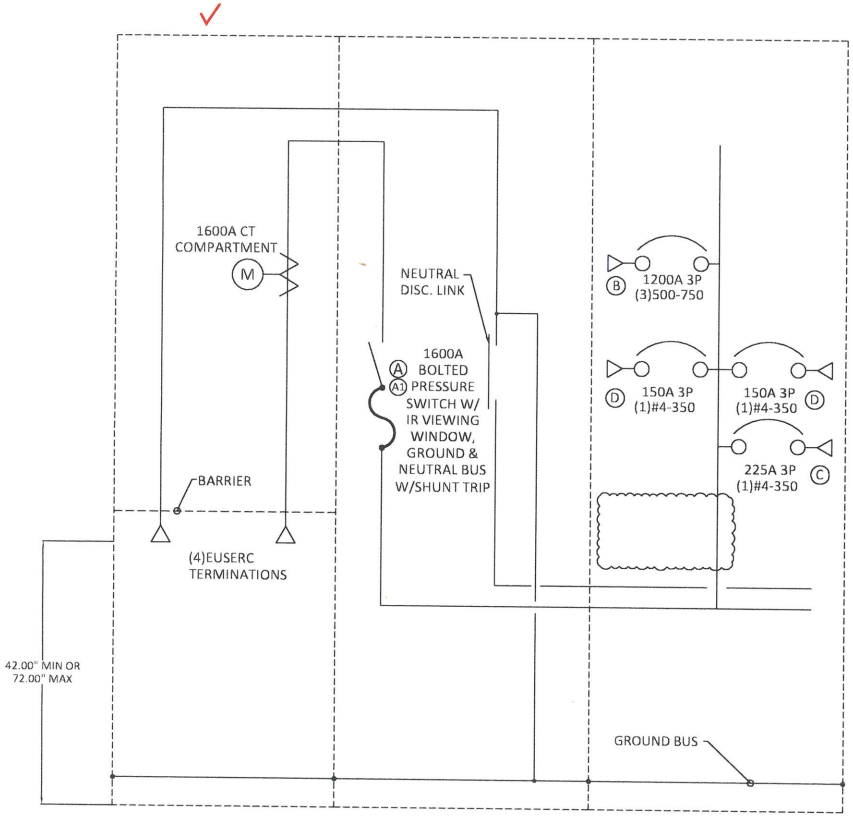
ISC = 41,500A AT THE SERVICE POINT

2126 W Adams Blvd, Los Angeles, CA 90018 IS -991

REV3: REMOVED 15A/1P BREAKER AS PER ANDREW HUMPHREY ENGINEERING REVIEW COMMENTS AS CLUODED - 04 -28-23 - HMS.
REV2: REVISED DRWAING AS CLOUDED - 04-18-2023 - HMS.
REV1: REVISED DRWAING AS CLOUDED - 04-14-2023 - HMS.

CHICAGO SWITCHBOARD LLC 470 W. WRIGHTWOOD AVE. ELMHURST, IL 60126 TEL #630-833-2266 FAX #630-833-2277	GEXPRO CONTRACTOR	✓E&B NATURAL RESOU/C600 SWBD 2126 W ADAMS BLVD ✓LOS ANGELES, CA 90018-2038 NAME OF JOB AND LOCATION	✓1600 SWITCHGEAR ✓ 480/277V, 3PH 4W, 65kAIC NEMA 1 DESCRIPTION	DRAWN BY HMS	DATE 4/11/2023
				CHECKED BY ZIA	DATE
				S.O. NO. 52783	DWG. NO. 52783-1B

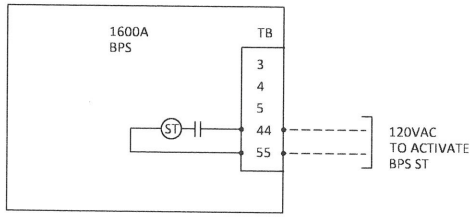
* LADWP ESR TO FIELD VERIFY GEAR PER ELECTRIC SERVICE REQUIRMENT



ONE LINE

DEVICE ID	MFR	DESCRIPTION	Part #	QTY
A	BOLTED SWITCH	1600A BOLTED TOP FED PRESSURE SWITCH W/IR VIEWING WINDOW, GROUND & NEAUTRAL BUS W/SHUNT TRIP	VL369AG60-ST	1
A1	MERSEN	1500A FUSES CLASS L FUSE	A4BQ1500	3
A2	COPPER B-LINE	13JAW METER SOCKET	10013 CT-B	1
A3	COPPER B-LINE	METERING RING	25114	1
B	SIEMENS	1200A 3P LSI BREAKER, ARC FLASH REDUCTION, 65 Kaic @ 480V, UL LISTED	SHND6A120LSI	1
B1	SIEMENS	ND FRAME DEEP MOUNTED KIT	SSMND	1
B2	SIEMENS	LUG KIT, (3) 500-750kcmil	3TA3N8750	1
C	SIEMENS	225A/3P BREAKER W/AUXILARY SWITCH, UL LISTED,65kAIC	HFXD63B225	1
C1	SIEMENS	AUXILARY SWITCH CONTACT	A01FD64	1
D	SIEMENS	150A/3P BREAKER, UL LISTED,65kAIC	HFXD63B150	2
D1	SIEMENS	LUGS, (1) #6-350 KCMIL (CU)/ (1) #4-350 KCMIL	TA1FD350A	9
D2	SIEMENS	STRAP KIT FOR FD BREAKER	SF6D	2
	SQUARE D	100VA CONTROL POWER TRANSFORMER	9070T100D1	1
	WEIDMULLER	PRO INSTA 30W 24V 1.3A	2580190000	1
	MERSEN	FUSE Tri-Onic® 250V 1.25A TIME-DELAY MIDGET TRM SERIES	TRM1-1/4	3
	MERSEN	FUSE Amp-Trap 2000® 600V 0.5A Time-Delay Class CC ATQR Series	ATQR1/2	2
	MERSEN	FUSE HOLDER 800V 30A MIDGET 1P NO INDICATOR	USM1	1
	MERSEN	FUSE HOLDER 800V 30A MIDGET 3P NO INDICATOR	USM3	1
	MARATHON	CT SHORTING BLOCK	1606SC	1
	SQUARE D	ERMS BLUE SWITCH	9001K11J35LL	1
	SQUARE D	ERMS CLEAR COVER	9001K7	1
	SQUARE D	1NO/1NC AUXILIARY CONTACT	9001KA1	1
	BW Ind	Indicator Label		1
	WEIDMULLER	PE terminal, Screw connection, 4 mm², 480 A (4 mm²), Green/yellow	WPE-4	1
	WEIDMULLER	End clamp	WEW 35/2	10

ISC = 41,500A AT THE SERVICE POINT



SHUNT TRIP DETAIL

2126 W Adams Blvd, Los Angeles, CA 90018 IS -991

REV3: REMOVED 15A/1P BREAKER AND NEUTRAL DISC. LINK AS PER ANDREW HUMPHREY ENGINEERING REVIEW COMMENTS AS CLUODED - 04-28-23 - HMS.
REV2: REVISED DRWAING AS CLOUDED - 04-18-2023 - HMS.
REV1: REVISED DRWAING AS CLOUDED - 04-14-2023 - HMS.

CHICAGO SWITCHBOARD LLC 470 W. WRIGHTWOOD AVE. ELMHURST, IL 60126 TEL #630-833-2266 FAX #630-833-2277	GEXPRO CONTRACTOR	E&B NATURAL RESOU/C600 SWBD 2126 W ADAMS BLVD LOS ANGELES, CA 90018-2038 NAME OF JOB AND LOCATION	1600 SWITCHGEAR 480/277V, 3PH 4W, 65kAIC NEMA 1 DESCRIPTION	DRAWN BY HMS CHECKED BY ZIA S.O. NO. 52783	DATE 4/11/2023 DATE DWG. NO. 52783-2B

Appendix 1

To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction
September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE

Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>

Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>

Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

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From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,

Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power

Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy

Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Tuesday, April 13, 2021 12:56 PM
To: Samuel Layton
Cc: Lou Zylstra; Nunezuribe, Luis
Subject: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Requesting New In-service date

Hello Sam,

LADWP records indicate a requested in-service date of 02/26/2021. The previously requested in-service date is no longer feasible.
Would you please provide me with an updated in-service date for your project located at 2126 W Adams Blvd?
It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thanks,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>

Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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Virtual Inspections are now available. Contact your ESR for details.

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>

Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,

Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power

Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy

Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Monday, February 28, 2022 12:12 PM
To: Samuel Layton
Cc: Lacayo, Danny; Nunezuribe, Luis; Harper, Raymond
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hello Sam

Thank you for sending the attachment . I will let you know as needed after I have an opportunity to better review the attachments.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, February 25, 2022 3:59 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good Afternoon Biniam,

Thank you for your patience, we received the items from the EE at COB yesterday. We wanted you to have them immediately.

I am attaching the following:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65) – Capstone Datasheets.7z

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature): - Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf

- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment – I will send in a follow up email

- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed –1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf w/ adjusted service date per your request.

- with feasible in-service date.

☐ Load schedule Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf OR 1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf

I am also attaching our signed and executed Interconnect Agreement. – PD4193-IC-E & B NATURAL RESOURCES MANAGEMENT CORP-09aug-2021(EG).pdf

Thank you for your continued help and guidance with this project.

Most Sincerely,

Samuel S Layton, PE
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, January 27, 2022 9:35 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

LADWP records indicate a requested in-service date of **12/01/2021**. The previously requested in-service date is no longer feasible. Would you please provide me with an updated in-service date for your project located 2126 W Adams Blvd? It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Please provide an update on this job status as well.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Friday, January 21, 2022 3:31 PM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Just wanted to check in on this one again as it's been a few months. Can you provide a status update on this job?

Thanks,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, November 19, 2021 3:42 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I apologize for the delay. I have been working with a third party EE to get your package together.

I actually need your assistance. We need to get information about the LADWP transformer @ 2126 W Adams. This information will go on our drawings.
We tried to see the nameplate form outside the fence but were unsuccessful.

Can you help ?

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, November 17, 2021 12:59 PM
To: Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Just wanted to check in on this one again . Can you provide the requested information and status update on this job?

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Wednesday, October 27, 2021 10:35 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond

<Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Kindly, note that your project is in the design phase, and we are still waiting for the information requested on April 16, 2021. LADWP cannot proceed with design activities due to insufficient information. Please provide the requested info to continue the design activities.

Please note that the submitted in-service date is no longer feasible and we need to have an updated in-service date. Accordingly, could you please provide me with an updated in-service date?
It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, September 7, 2021 2:25 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I did receive your email requesting an update. I am currently awaiting a reply from the 3rd Party EE. I will let you know immediately when he gets back to me so we can submit the package as a whole.

Thank you for your patience.

Most Sincerely,

Samuel S Layton, PE
Production Operations Engineer

From: Harper, Raymond <Raymond.Harper@ladwp.com>
Sent: Tuesday, September 7, 2021 10:53 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Sam,

I may have missed your email reply, so I'm following up to check if you were able to provide the information Biniam requested.

Thanks,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Tesfagiyorgis, Biniam
Sent: Monday, August 30, 2021 10:01 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

I wanted to check in on this one again. Were you able to get the requested information?

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Tuesday, August 10, 2021 8:05 AM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I wanted to follow up on this and check the current status of this job. Please provide the requested information below to proceed with design activities.

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature):
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with feasible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Meter Services Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Tuesday, May 11, 2021 1:10 PM

To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The capacity relationship to the load doesn't matter (export or not). Generation connected in parallel with grid becomes part of the grid see ESR section 8i page 8-2i+ link in my signature and for this type of generation a Generation meter is required.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, May 10, 2021 11:47 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Biniam,

I am working on getting all the information together that you listed below. Please bear with us.

In the meantime, can you educate me on the nuances of LADWP interconnection policy.

Here's my question:

If I do not ever plan to sell back power to LADWP, because my demand will always be greater than my generation capability, **do I need to have a COGEN meter ?** Do I need to be "interconnected"?
In this hypothetical scenario, LADWP would still be able to lock out my generators, when needed, to keep workers protected from "back flow of electricity".

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN

D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 16, 2021 10:32 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Your co-generation project is in the design phase and has been placed on hold. LADWP cannot proceed with design activities due to insufficient information.
Please provide the information requested. The following has been requested and is required:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following:
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with visible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM
To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

Request a Meter Spot: www.ladwp.com/ams
Request an Inspection: www.ladwp.com/ir
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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

Request a Meter Spot: www.ladwp.com/ams
Request an Inspection: www.ladwp.com/ir
Request a Solar Net Meter: www.ladwp.com/nem
Electric Service Requirements: www.ladwp.com/codes
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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction
September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

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From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>

Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>

Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles

Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,

Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator

(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, December 2, 2021 11:15 AM
To: Samuel Layton
Cc: Nunezuribe, Luis; Lacayo, Danny
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hello, Sam.

The maximum available fault current at the secondary of 2000KVA transformer (IS-991) is estimated to be 42,000 amps.

Please let me know if you have additional question or concern

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-9086

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, November 23, 2021 2:07 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

Sorry to bug you again about the LADWP transformer at 2126 W Adams blvd.

Im really pushing the Consulting EE to deliver the package ASAP; he is insisting he needs more info about the LADWP transformer. Can you help with this, or tell me where I can find this answer?

Specifically he asked " . Can they tell us the available fault current on the secondary side of their transformer? "

Can you help with this, or tell me where I can find this answer?

Most Sincerely,

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, November 17, 2021 12:59 PM
To: Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Just wanted to check in on this one again . Can you provide the requested information and status update on this job?

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Wednesday, October 27, 2021 10:35 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Kindly, note that your project is in the design phase, and we are still waiting for the information requested on April 16, 2021. LADWP cannot proceed with design activities due to insufficient information. Please provide the requested info to continue the design activities.

Please note that the submitted in-service date is no longer feasible and we need to have an updated in-service date. Accordingly, could you please provide me with an updated in-service date?

It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, September 7, 2021 2:25 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I did receive your email requesting an update. I am currently awaiting a reply from the 3rd Party EE. I will let you know immediately when he gets back to me so we can submit the package as a whole.

Thank you for your patience.

Most Sincerely,

Samuel S Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES

From: Harper, Raymond <Raymond.Harper@ladwp.com>
Sent: Tuesday, September 7, 2021 10:53 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Sam,

I may have missed your email reply, so I'm following up to check if you were able to provide the information Biniam requested.

Thanks,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Tesfagiyorgis, Biniam
Sent: Monday, August 30, 2021 10:01 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

I wanted to check in on this one again. Were you able to get the requested information?

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Tuesday, August 10, 2021 8:05 AM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I wanted to follow up on this and check the current status of this job. Please provide the requested information below to proceed with design activities.

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature):
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with feasible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Meter Services Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Tuesday, May 11, 2021 1:10 PM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The capacity relationship to the load doesn't matter (export or not). Generation connected in parallel with grid becomes part of the grid see ESR section 8i page 8-2i+ link in my signature and for this type of generation a Generation meter is required.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, May 10, 2021 11:47 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Biniam,

I am working on getting all the information together that you listed below. Please bear with us.

In the meantime, can you educate me on the nuances of LADWP interconnection policy.

Here's my question:

If I do not ever plan to sell back power to LADWP, because my demand will always be greater than my generation capability, **do I need to have a COGEN meter ?** Do I need to be "interconnected"?
In this hypothetical scenario, LADWP would still be able to lock out my generators, when needed, to keep workers protected from "back flow of electricity".

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 16, 2021 10:32 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Your co-generation project is in the design phase and has been placed on hold. LADWP cannot proceed with design activities due to insufficient information.
Please provide the information requested. The following has been requested and is required:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following:
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with visible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM
To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam

<Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction
September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN

D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,

Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM

To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919

Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Monday, February 28, 2022 12:12 PM
To: Samuel Layton
Cc: Lacayo, Danny; Nunezuribe, Luis; Harper, Raymond
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hello Sam

Thank you for sending the attachment . I will let you know as needed after I have an opportunity to better review the attachments.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

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From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, February 25, 2022 3:59 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good Afternoon Biniam,

Thank you for your patience, we received the items from the EE at COB yesterday. We wanted you to have them immediately.

I am attaching the following:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65) – Capstone Datasheets.7z

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature): - Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf

- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment – I will send in a follow up email

- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed –1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf w/ adjusted service date per your request.

- with feasible in-service date.

☐ Load schedule Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf OR 1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf

I am also attaching our signed and executed Interconnect Agreement. – PD4193-IC-E & B NATURAL RESOURCES MANAGEMENT CORP-09aug-2021(EG).pdf

Thank you for your continued help and guidance with this project.

Most Sincerely,

Samuel S Layton, PE
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, January 27, 2022 9:35 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

LADWP records indicate a requested in-service date of **12/01/2021**. The previously requested in-service date is no longer feasible. Would you please provide me with an updated in-service date for your project located 2126 W Adams Blvd? It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Please provide an update on this job status as well.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Friday, January 21, 2022 3:31 PM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Just wanted to check in on this one again as it's been a few months. Can you provide a status update on this job?

Thanks,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, November 19, 2021 3:42 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I apologize for the delay. I have been working with a third party EE to get your package together.

I actually need your assistance. We need to get information about the LADWP transformer @ 2126 W Adams. This information will go on our drawings.
We tried to see the nameplate form outside the fence but were unsuccessful.

Can you help ?

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, November 17, 2021 12:59 PM
To: Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Just wanted to check in on this one again . Can you provide the requested information and status update on this job?

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Wednesday, October 27, 2021 10:35 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond

<Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Kindly, note that your project is in the design phase, and we are still waiting for the information requested on April 16, 2021. LADWP cannot proceed with design activities due to insufficient information. Please provide the requested info to continue the design activities.

Please note that the submitted in-service date is no longer feasible and we need to have an updated in-service date. Accordingly, could you please provide me with an updated in-service date?
It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, September 7, 2021 2:25 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I did receive your email requesting an update. I am currently awaiting a reply from the 3rd Party EE. I will let you know immediately when he gets back to me so we can submit the package as a whole.

Thank you for your patience.

Most Sincerely,

Samuel S Layton, PE
Production Operations Engineer

From: Harper, Raymond <Raymond.Harper@ladwp.com>
Sent: Tuesday, September 7, 2021 10:53 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Sam,

I may have missed your email reply, so I'm following up to check if you were able to provide the information Biniam requested.

Thanks,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Tesfagiyorgis, Biniam
Sent: Monday, August 30, 2021 10:01 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

I wanted to check in on this one again. Were you able to get the requested information?

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Tuesday, August 10, 2021 8:05 AM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I wanted to follow up on this and check the current status of this job. Please provide the requested information below to proceed with design activities.

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature):
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with feasible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Meter Services Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Tesfagiyorgis, Biniam
Sent: Tuesday, May 11, 2021 1:10 PM

To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The capacity relationship to the load doesn't matter (export or not). Generation connected in parallel with grid becomes part of the grid see ESR section 8i page 8-2i+ link in my signature and for this type of generation a Generation meter is required.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, May 10, 2021 11:47 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Biniam,

I am working on getting all the information together that you listed below. Please bear with us.

In the meantime, can you educate me on the nuances of LADWP interconnection policy.

Here's my question:

If I do not ever plan to sell back power to LADWP, because my demand will always be greater than my generation capability, **do I need to have a COGEN meter ?** Do I need to be "interconnected"?
In this hypothetical scenario, LADWP would still be able to lock out my generators, when needed, to keep workers protected from "back flow of electricity".

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN

D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 16, 2021 10:32 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Your co-generation project is in the design phase and has been placed on hold. LADWP cannot proceed with design activities due to insufficient information.
Please provide the information requested. The following has been requested and is required:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following:
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with visible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM
To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Request an Inspection: www.ladwp.com/ir
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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction
September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

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From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>

Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>

Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles

Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,

Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator

(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, December 2, 2021 11:15 AM
To: Samuel Layton
Cc: Nunezuribe, Luis; Lacayo, Danny
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hello, Sam.

The maximum available fault current at the secondary of 2000KVA transformer (IS-991) is estimated to be 42,000 amps.

Please let me know if you have additional question or concern

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-9086

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, November 23, 2021 2:07 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

Sorry to bug you again about the LADWP transformer at 2126 W Adams blvd.

Im really pushing the Consulting EE to deliver the package ASAP; he is insisting he needs more info about the LADWP transformer. Can you help with this, or tell me where I can find this answer?

Specifically he asked " . Can they tell us the available fault current on the secondary side of their transformer? "

Can you help with this, or tell me where I can find this answer?

Most Sincerely,

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, November 17, 2021 12:59 PM
To: Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Just wanted to check in on this one again . Can you provide the requested information and status update on this job?

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Wednesday, October 27, 2021 10:35 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Kindly, note that your project is in the design phase, and we are still waiting for the information requested on April 16, 2021. LADWP cannot proceed with design activities due to insufficient information. Please provide the requested info to continue the design activities.

Please note that the submitted in-service date is no longer feasible and we need to have an updated in-service date. Accordingly, could you please provide me with an updated in-service date?

It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, September 7, 2021 2:25 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I did receive your email requesting an update. I am currently awaiting a reply from the 3rd Party EE. I will let you know immediately when he gets back to me so we can submit the package as a whole.

Thank you for your patience.

Most Sincerely,

Samuel S Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES

From: Harper, Raymond <Raymond.Harper@ladwp.com>
Sent: Tuesday, September 7, 2021 10:53 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Sam,

I may have missed your email reply, so I'm following up to check if you were able to provide the information Biniam requested.

Thanks,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Tesfagiyorgis, Biniam
Sent: Monday, August 30, 2021 10:01 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

I wanted to check in on this one again. Were you able to get the requested information?

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed*

From: Tesfagiyorgis, Biniam
Sent: Tuesday, August 10, 2021 8:05 AM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I wanted to follow up on this and check the current status of this job. Please provide the requested information below to proceed with design activities.

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature):
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with feasible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Meter Services Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Tesfagiyorgis, Biniam
Sent: Tuesday, May 11, 2021 1:10 PM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The capacity relationship to the load doesn't matter (export or not). Generation connected in parallel with grid becomes part of the grid see ESR section 8i page 8-2i+ link in my signature and for this type of generation a Generation meter is required.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, May 10, 2021 11:47 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Biniam,

I am working on getting all the information together that you listed below. Please bear with us.

In the meantime, can you educate me on the nuances of LADWP interconnection policy.

Here's my question:

If I do not ever plan to sell back power to LADWP, because my demand will always be greater than my generation capability, **do I need to have a COGEN meter ?** Do I need to be "interconnected"?
In this hypothetical scenario, LADWP would still be able to lock out my generators, when needed, to keep workers protected from "back flow of electricity".

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 16, 2021 10:32 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Your co-generation project is in the design phase and has been placed on hold. LADWP cannot proceed with design activities due to insufficient information.
Please provide the information requested. The following has been requested and is required:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following:
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with visible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM
To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam

<Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction
September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Request an Inspection: www.ladwp.com/ir
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Check electric service installations online at: http://wmisweb.ladwp.com/powerwmis/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN

D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeed

---

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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Virtual Inspections are now available. Contact your ESR for details.

If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

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From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com
Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,

Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,

Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

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From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-673 AUPMDL422-4339 (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM

To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919

Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

- The project starts this month (July 2020)
- Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling 730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

- signed by LADWP(page 19); and
- an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Tuesday, March 22, 2022 11:04 AM
To: Samuel Layton
Cc: Harper, Raymond; Nunezuribe, Luis; Lacayo, Danny; 398.ESR
Subject: Pre-construction meeting -LINE SIDE TAP PROJECT : - 2126 W Adams Blvd - Interconnection Agreement

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hello Sam,

In order to proceed with the design work, the customer needs to arrange a pre-construction meeting to allow for Los Angeles Department of Water and Power (LADWP) and Los Angeles Department of Building and Safety (LADBS) to perform a preliminary assessment of the customer/LADWP's equipment and guarantee compliance to LADBS and LADWP standards. The customer should allow easy access to all electrical equipment and equipment location.

Please contact "Randy Quan" at (213)367-6217 or by email 398.ESR@ladwp.com , LADBS inspector, and customer electrical contractor to set up a pre-construction meeting. Please CC me in the email so that I am aware of the pre-construction meeting date.

Keep in mind that the new requested scope is a line side tap connection, which must be verified and addressed during the meeting.

let me know if you have any questions or concerns

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Tesfagiyorgis, Biniam
Sent: Thursday, August 11, 2022 7:46 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Andrew,

Thank you for responding. In order for me to continue with my design work, please submit the needed documents (inverter datasheet, switchboard drawings and revised date of in-service) as specified in my previous email.

Please let me know if you have any questions or concerns

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Thursday, August 11, 2022 7:31 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Biniam,

Thank you for your patience as a few items were sorted out on the customer side. Please find attached the updated drawings. The only change from the last drawings you reviewed was to change the performance meter to 3-phase, 4-wire from 3-phase, 3-wire. We'll work on getting an updated switchboard quote and drawings based on this. Please let me know if you need anything else.

Sincerely,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, CT, FL, HI, IN, KS, MA, MD, ME, MI, MN, MO, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, July 27, 2022 3:38 PM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello, Sam.

Are there any new developments on this? Could you please provide the requested information?

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Tesfagiyorgis, Biniam <>
Sent: Tuesday, June 21, 2022 8:29 AM
To: 'Andrew Humphrey' <ahumphrey@andrewhumphreyengineering.com>; 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Just wanted to check in on this one again. Can you provide the requested information and switchboard shop drawing.

Please let me know if you have any question or concern.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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From: Tesfagiyorgis, Biniam <>
Sent: Wednesday, May 25, 2022 7:53 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning, Andrew and Sam!

I have some good news: LADWP has accepted the proposed zig-zag transformer for this project, but the performance meter voltage characteristics has to be 3 phase 4w. Please send updated single line diagram.

Please also provide the following items in order to Procced with the design activity.

1. New in-service date, LADWP records indicate a requested in-service date of 06/01/2022. The previously requested in-service date is no longer feasible.
2. Inverter datasheet

Thank you,

<image007.jpg> **Biniam Tesfagiyorgis | Electrical Engineering Associate**
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Wednesday, May 18, 2022 4:57 PM
To: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>;

Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Hi Biniam,

I just sent you current drawings showing the zigzag transformer. Once we resolve these issues, we'll get an updated switchboard quote and shop drawings.

Thank you,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, May 18, 2022 5:53 PM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Andrew,

Please provide an updated single line diagram with the zigzag transformer and switchboard shop drawing for the new 1600 A Cogen subpanel as per our conversation this afternoon (05/18).

Furthermore, existing panel voltage labels are scratched. Please ensure that the switch board is red signed with the right voltage and phase characteristics.

See the picture below.

Please let me know if you have any question or concern.

<image010.png>

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Tuesday, May 17, 2022 9:10 AM
To: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Biniam.

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Sent: Tuesday, May 17, 2022 10:08 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Andrew,

Thank you for reaching out. Please give us some more time; we're currently having an internal discussion and will respond to you as soon as possible.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

<image011.jpg>

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Monday, May 16, 2022 11:26 AM
To: Samuel Layton <Samuel.layton@ebresources.com>; Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Biniam,

I understand LADWP made a site investigation of the existing service and service transformer for this project last Thursday. Can you please share any finding of this investigation that would help us move forward?

Many thanks,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Wednesday, April 20, 2022 6:47 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

Can we set up a conference call to discuss the requested revisions of equipment?
The lead times on the electrical equipment are the worst ive ever seen and we want to make sure were on the same page on a few small details. The manufacturers are telling us if we don't iron out the details soon it could delay the manufacturing of the items for over a year.

As this project is in a peculiar predicament of already having a signed and fully executed IA, I believe we all desire to see this ironed out and put to rest sooner than later.

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, March 23, 2022 11:05 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello, Sam.

A few of items needed to be updated in order to move forward with the design activity.

1. The given single line diagram is inconsistent with the LADWP ESR requirement. The service offered to this location is three phase three wire. Please match all voltage descriptions provided on the single diagram and provide an updated one. Refer ESR 8i

2. Provide information about the BUS rating (see my comments on the attached pdf)

Note: Service voltage in this plan/SLD has to be 3 phase 3 wire all the way up to the microturbine

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, March 18, 2022 1:39 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Biniam,

I am attaching three (3) documents to this email. I believe this should fulfill all of your requests.

Please let us know if there is anything else you need, we are happy to help.

Most Sincerely,

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, March 18, 2022 11:42 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Sam,

Please review the comments in my last email and respond with all of the needed information.

Please let me know if you have any question or concern.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Thursday, March 17, 2022 5:24 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good Evening Biniam,

The EE has addressed your comments and provided us with updated drawings.

Please find the following attachments:

1. Picture of LADWP Meter – 2126 W Adams
2. Picture of Co-Gen Meter – 2126 W Adams
3. Updated drawings from EE

Please let me know if there is anything else you need.

Most Sincerely,

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, March 10, 2022 11:17 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello, Samuel

Thank you very much for the attachment. After reviewing all of the provided documents, there are still a few details that need to be addressed before I begin the design activity. Kindly update the single line diagram with all relevant details.

Thank you,

<image013.jpg> **Biniam Tesfagiyorgis | Electrical Engineering Associate**
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, March 8, 2022 4:05 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

---

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good Afternoon Biniam,

Thank you for the phone call. I have uploaded the contents of the .zip file as you requested. I hope the data sheets are easier to view now.

I have also uploaded pictures of the LADWP meter and the Co-Gen meter at 2126 W Adams Blvd.

If there is more detail you need about the Capstones please let me know. I will forward your request(s) to Capstone, I am confident they will provide exactly what you're looking for.

Most Sincerely,

Sam Layton
E&B NATURAL RESOURCES

<image015.jpg>

<image017.jpg>

<image020.jpg>

<image021.jpg>

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Samuel Layton
Sent: Friday, February 25, 2022 3:59 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Biniam,

Thank you for your patience, we received the items from the EE at COB yesterday. We wanted you to have them immediately.

I am attaching the following:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65) – Capstone Datasheets.7z

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature): - Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf

- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment – I will send in a follow up email

- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed –1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf w/ adjusted service date per your request.

- with feasible in-service date.

☐ Load schedule Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf OR 1.3.2 Electrical Service Planning Information Form Murphy -Signed.pdf

I am also attaching our signed and executed Interconnect Agreement. – PD4193-IC-E & B NATURAL RESOURCES MANAGEMENT CORP-09aug-2021(EG).pdf

Thank you for your continued help and guidance with this project.

Most Sincerely,

Samuel S Layton, PE
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, January 27, 2022 9:35 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

LADWP records indicate a requested in-service date of **12/01/2021**. The previously requested in-service date is no longer feasible. Would you please provide me with an updated in-service date for your project located 2126 W Adams Blvd? It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Please provide an update on this job status as well.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
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---

From: Tesfagiyorgis, Biniam
Sent: Friday, January 21, 2022 3:31 PM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Just wanted to check in on this one again as it's been a few months. Can you provide a status update on this job?

Thanks,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, November 19, 2021 3:42 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I apologize for the delay. I have been working with a third party EE to get your package together.

I actually need your assistance. We need to get information about the LADWP transformer @ 2126 W Adams. This information will go on our drawings.
We tried to see the nameplate form outside the fence but were unsuccessful.

Can you help ?

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, November 17, 2021 12:59 PM
To: Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Just wanted to check in on this one again . Can you provide the requested information and status update on this job?

Thank You,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Tesfagiyorgis, Biniam
Sent: Wednesday, October 27, 2021 10:35 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Kindly, note that your project is in the design phase, and we are still waiting for the information requested on April 16, 2021. LADWP cannot proceed with design activities due to insufficient information. Please provide the requested info to continue the design activities.

Please note that the submitted in-service date is no longer feasible and we need to have an updated in-service date. Accordingly, could you please provide me with an updated in-service date?
It is imperative that I have an updated in-service date so that I can effectively coordinate with LADWP construction forces.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, September 7, 2021 2:25 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon,

I did receive your email requesting an update. I am currently awaiting a reply from the 3rd Party EE. I will let you know immediately when he gets back to me so we can submit the package as a whole.

Thank you for your patience.

Most Sincerely,

Samuel S Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES

From: Harper, Raymond <Raymond.Harper@ladwp.com>
Sent: Tuesday, September 7, 2021 10:53 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Sam,

I may have missed your email reply, so I'm following up to check if you were able to provide the information Biniam requested.

Thanks,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management

Los Angeles Department of Water & Power
P: 213-367-0228

From: Tesfagiyorgis, Biniam
Sent: Monday, August 30, 2021 10:01 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

I wanted to check in on this one again. Were you able to get the requested information?

Thank you,

<image024.jpg>

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business Division
Biniam.Tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

From: Tesfagiyorgis, Biniam
Sent: Tuesday, August 10, 2021 8:05 AM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lacayo, Danny <danny.lacayo@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I wanted to follow up on this and check the current status of this job. Please provide the requested information below to proceed with design activities.

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature):

- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)

• Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with feasible in-service date.

☐ Load schedule

Thank you,

<image024.jpg> **Biniam Tesfagiyorgis | Electrical Engineering Associate I**
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Meter Services Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACust

---

From: Tesfagiyorgis, Biniam
Sent: Tuesday, May 11, 2021 1:10 PM
To: 'Samuel Layton' <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The capacity relationship to the load doesn't matter (export or not). Generation connected in parallel with grid becomes part of the grid see ESR section 8i page 8-2i+ link in my signature and for this type of generation a Generation meter is required.

Thank you,

<image024.jpg> **Biniam Tesfagiyorgis | Electrical Engineering Associate I**
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, May 10, 2021 11:47 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Morning Biniam,

I am working on getting all the information together that you listed below. Please bear with us.

In the meantime, can you educate me on the nuances of LADWP interconnection policy.

Here's my question:

If I do not ever plan to sell back power to LADWP, because my demand will always be greater than my generation capability, **do I need to have a COGEN meter ?** Do I need to be "interconnected"?
In this hypothetical scenario, LADWP would still be able to lock out my generators, when needed, to keep workers protected from "back flow of electricity".

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 16, 2021 10:32 AM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

Your co-generation project is in the design phase and has been placed on hold. LADWP cannot proceed with design activities due to insufficient information.
Please provide the information requested. The following has been requested and is required:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65)

☐ One-line Electrical Diagram detailing the following:
- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment
- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SPIF) – complete & signed
- with visible in-service date.

☐ Load schedule

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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---

From: Harper, Raymond
Sent: Tuesday, April 13, 2021 8:11 PM
To: 398.ESR <398.ESR@ladwp.com>; Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Randy,

Thank you for scheduling this inspection.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: 398.ESR
Sent: Tuesday, April 13, 2021 5:48 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

I sent you an invite for Tuesday 4/20/21 between 10 and 11.

Regards,

<image024.jpg> **Randy Quan | Lead Electric Service Representative**
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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Virtual Inspections are now available. Contact your ESR for details.

If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@la

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:33 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Randy,

Thank you for your quick response.

Tuesday, April 20th, 2021 @ 10AM works for us. I will meet you onsite. Thanks again.

Most Sincerely,

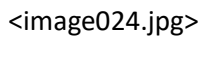
Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 5:30 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Sam,

Thank you for the SLD. I am available next week for inspection. I have Monday or Tuesday between 10 and 11. Which works best for you? Please advise.

Regards,



Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@la

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Tuesday, April 13, 2021 5:22 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Ted Cordova <tcordova@ebresources.com>; Steve Layton <slayton@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Mr. Quan,

You are inspecting equipment that has already been installed.

I have attached the "C-drawing" of the project that Tuan Lam {LADWP} revised and sent to E&B on 1/28/2021.
He mentioned that LADWP needs to "perform inspection on the construction before Judy can proceed with the Interconnection Agreement".

I realize there have been some new players from LADWP brought into this lately; so I will summarize the project below:

July 2020: E&B submits a signed IA and single-line diagram for the replacement of old microturbines with new microturbines.
July/August: E&B begins demo, pre-construction

September 2020: Construction continues. E&B and LADWP hold a conference call to discuss completing the microturbine replacement project. LADWP engineers agree to move forward. LADWP will provided updated C-drawing after installation is complete.
October 2020: E&B completed construction and piloted new turbines. LADWP given status update by E&B.
November/December: E&B finished SCADA controls and software upgrades. LADWP given status update by E&B.
December: **Stay at Home Order from COVID-19 ; delays follow**
January 28, 2021: LADWP provided C-drawing to E&B. E&B requested site visit for final inspection
April 2020: E&B re-requested site visit for final inspection.

I believe the only people involved from start to finish have been myself (E&B) and Raymond Harper (LADWP). I appreciate the guidance and understanding LADWP has shown us throughout this process. E&B is looking forward to seeing this microtubine replacement project across the finish line.

Please let me know what is needed for the final inspection and I will do my very best to accommodate.

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: 398.ESR <398.ESR@ladwp.com>
Sent: Tuesday, April 13, 2021 4:29 PM
To: Samuel Layton <slayton2@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

Can you tell me what stage you are in as far as your project? Am I inspecting equipment already installed or is this a pre construction meeting? Please advise.

Regards,

Randy Quan | Lead Electric Service Representative
West Metro Service Planning
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Randy.Quan@ladwp.com | Phone 213-367-6217

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If you have a concern about the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@la

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Friday, April 9, 2021 5:16 PM
To: 398.ESR <398.ESR@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening Randy,

Happy Friday, lets reconnect next week about scheduling our Final Inspection. Stay Safe,

Most Sincerely,

Sam Layton, PE
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, April 9, 2021 4:46 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Lou Zylstra <lzylstra@ebresources.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good afternoon Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.
Please coordinate with him for inspection.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate I
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

<image024.jpg>

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACust

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Wednesday, April 7, 2021 7:00 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Samuel Layton <slayton2@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Evening,

My name is Sam Layton, I am the Engineer at E&B Natural Resources. We operate the facility at 2126 W Adams.

We have been working with LADWP over the past couple months; we replaced existing equipment, LADWP revised the C-Drawing, and I believe all that is left is the final "Walk through' from LADWP.

I would like to accompany you on your walkthough but, unfortunately, I am really swamped this week and the first part of next week.; after that I should be freed up.
Is there a good date/time for you between 4/14/2021 – 4/23/2021?

Let me know if you need anything from us in the meantime.

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 7, 2021 3:50 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam ,

My name is Biniam Tesfagiyorgis from PV/BESS Design group at Los Angeles Department of Water and Power.
I am the new assigned engineer to your project located at 2126 W Adams Blvd.

Please let me know if you have additional questions or concerns.

Thank You,

<image024.jpg> **Biniam Tesfagiyorgis | Electrical Engineering Associate I**
PV/BESS Service Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
biniam.tesfagiyorgis@ladwp.com | Office (213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PNBDTACust

From: Lam, Tuan
Sent: Wednesday, April 7, 2021 3:39 PM
To: Samuel Layton <slayton2@ebresources.com>; Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

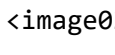
Hello Sam,

Mr. Randy's email was included in the previous email at 398.ESR@ladwp.com

Additionally, this job has been reassigned to Mr. Biniam Tesfagiyorgis (carbon copied). Please contact him directly from this point on as he will be the assigned design engineer for the job.

Thank you very much and it was great working with you.

Best Regards,



Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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If you have a question or comment regarding the level of customer service you are receiving, please send an email to PNBDTACustomerFeedback@ladwp.com

---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Monday, April 5, 2021 12:53 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Samuel Layton <slayton2@ebresources.com>; Steve Griffis <SGriffis@ebresources.com>; Lou Zylstra <lzylstra@ebresources.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Tuan,

LADWP never contacted us about a site visit?
Can you provide Randy Quan's email address so I can see this matter closed?

Most Sincerely,

Sam Layton
Production Operations Engineer
E&B NATURAL RESOURCES – LA BASIN
D: 562.548.6810 | M: 661.332.3984

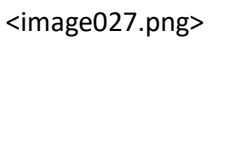
From: Lam, Tuan <Tuan.Lam@ladwp.com>
Sent: Thursday, January 28, 2021 3:41 PM
To: Samuel Layton <slayton2@ebresources.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>; 398.ESR <398.ESR@ladwp.com>
Subject: RE: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Sam,

The LADWP ESR is MR. Randy Quan, and he is copied to this email as well.

Please coordinate with him for inspection.

Thank you.



Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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---

From: Samuel Layton <slayton2@ebresources.com>
Sent: Thursday, January 28, 2021 3:39 PM
To: Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Chang, Stanley <Stanley.Chang@ladwp.com>
Subject: [EXTERNAL] Re: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Thank you Tuan,

LADBS has been by our site a few times.

Please let us know when LADWP would like to visit and we can make sure the appropriate managers are on location.

Thank you all very much for working with us throughout this process.

Sincerely,

Sam Layton
E&B

Sent from my BlackBerry — the most secure mobile device

From: Tuan.Lam@ladwp.com
Sent: 28 January 2021 15:29
To: slayton2@ebresources.com

Cc: Dalia.Trad@ladwp.com; Eduardo.Illingworth@ladwp.com; Raymond.Harper@ladwp.com; Judy.Roles@ladwp.com; Stanley.Chang@ladwp.com
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Samuel,

Please see in the attachment for the revised C drawing. There was a typo for the meter.

I believe Raymond spoke with Judy previously regarding the job update, and you would need to have LADWP and LADBS to perform inspection on your construction before Judy can proceed with the Interconnection Agreement.

Thank you.

<image028.png> **Tuan Lam | Electrical Engineer Associate I**
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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---

From: Caparaz, Resurreccion V.
Sent: Monday, January 25, 2021 12:16 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy, Raymond and Tuan,
Do we have any updates? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, January 7, 2021 4:59 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The C-Drawing for E & B Natural Resources co-gen plant is part of the attached email.

Please provide an update on what more if anything is needed, and a timeline to complete the IA process for this customer.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Wednesday, December 16, 2020 11:17 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Everyone –

I will review the IA again and give you a status. I am working on other assignments right now, so this will be on my list.

Have a great day!

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image029.png>

<image030.jpg>

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 16, 2020 11:12 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond, Judy and Tuan,
Please provide an update. Can you let us know if there's an estimated completion date? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, December 2, 2020 11:31 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please provide an update on what you still need in order to move the IA process forward.

Thanks,
Raymond

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:57 AM
To: Lam, Tuan <Tuan.Lam@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Tuan,
Judy provides us status on the IA. I do not know who provides status on construction; maybe Raymond can follow up and check for us. I am from the Rates group. We are requesting a copy of the completed IA so we can keep the account on CG rate.

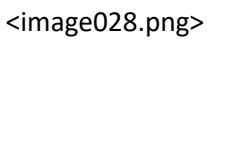
Thanks,
Dinty

From: Lam, Tuan
Sent: Wednesday, December 2, 2020 8:46 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have received some clarification from Samuel on Nov 18, 2020. I have just finished the C drawing and got it signed. However, I'm still working on the OLOD drawing revision.
May I ask you about your construction status and IA status?

Thank you.
Best Regards,



Tuan Lam | Electrical Engineer Associate I
Customer Station Design Group
Los Angeles Department of Water and Power
Power New Business Development and Technology Applications Division
Tuan.lam@ladwp.com | Cell: 213-842-3458

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---

From: Caparaz, Resurreccion V.
Sent: Wednesday, December 2, 2020 8:37 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond, Judy and Tuan,
Do you have any updates on the IA for the account below? Please advise.

E & B NATURAL RESOURCES MANAGEMENT CO	3276565969	2126 W ADAMS BLVD	APMG429-67 AUPMDL422- (unit)

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, November 12, 2020 5:48 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

Tuan requested and received additional information from E & B at the beginning of this month. I haven't seen anything further since then.

Maybe Tuan can provide a better update.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, November 12, 2020 10:07 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,
Dinty

From: Harper, Raymond
Sent: Thursday, October 29, 2020 11:02 AM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>; Lam, Tuan <Tuan.Lam@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

The project was recently assigned a new design engineer, Tuan Lam. I've provided him all the necessary documentation again so we're still waiting to get information for Judy to complete her work.

Thanks,
Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Thursday, October 29, 2020 9:01 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Subject: RE: E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning,
Please let us know if you have any updates.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558 office
(213) 841-6813 mobile

From: Harper, Raymond
Sent: Friday, October 16, 2020 12:03 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Dinty,

I have not received a response from Sean or Ed.

The customer is also waiting on a reply to their question, so they can test the equipment and settle with their vendor.

Regards,
Raymond
P: 213-367-0228

From: Caparaz, Resurreccion V.
Sent: Friday, October 16, 2020 10:31 AM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Did you get a response from either Sean or Judy? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Wednesday, October 14, 2020 2:22 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>; Houlihan, Sean <Sean.Houlihan@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>; Illingworth, Eduardo <Eduardo.Illingworth@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

On the 09/30/20 customer call, Sean (copied) said he would get in touch with Judy to provide information she needs to move the IA forward.

Sean, have you had a chance to provide the information Judy needs, either directly or through WMIS?

Regards,
Raymond

X7-0228

From: Caparaz, Resurreccion V.
Sent: Wednesday, October 14, 2020 1:35 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Roles, Judy <Judy.Roles@ladwp.com>; Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: FW: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Raymond,
Do you have an update on this? Please advise.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, September 15, 2020 5:45 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

Station Design Engineer Sean Houlihan has scheduled a meeting with the customer for Wednesday, September 30. I hope we can move this process along after the meeting. The customer is getting anxious as well.

Regards,
Raymond
P: 213-367-0228

From: Harper, Raymond
Sent: Tuesday, September 1, 2020 3:39 PM
To: Roles, Judy <Judy.Roles@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello,

I'm checking with Station Design to see where they are with this project. I will include you in my request for an update.

Regards,
Raymond

Raymond Harper
Lead Account Advisor | Premier Account Management
Los Angeles Department of Water & Power
P: 213-367-0228

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:29 PM
To: Caparaz, Resurreccion V.; Harper, Raymond
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

From what I know, the agreement submitted to me is for an exisiting 130-kW system and a new 730-kW system. Our Customer Station Design Engineering Group is handling the new system being installed. Is the agreement submitted incorrect?

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image031.png>

<image032.jpg>

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 3:22 PM
To: Harper, Raymond <Raymond.Harper@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Roles, Judy <Judy.Roles@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Raymond,
Would you be able to assist and let Judy know the status?

Thanks,
Dinty

From: Roles, Judy
Sent: Tuesday, September 1, 2020 3:17 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty –

Has this project received any final inspection approval either from Building and Safety or LADWP? I cannot forward the agreement to the City Attorney until this happens. I'm asking all contractors to alert me when such final inspections have taken place.

Thanks,

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image033.png>

<image034.jpg>

From: Caparaz, Resurreccion V.
Sent: Tuesday, September 1, 2020 2:26 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Judy,
I'm checking if there is an update on this. Please advise.

Thanks,
Dinty

From: Roles, Judy
Sent: Wednesday, August 19, 2020 2:06 PM
To: Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon –

Sorry, we're not there yet. I will send it to you once it is all completed.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division

111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image038.png>

<image039.jpg>

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 19, 2020 1:18 PM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
Following up again. Please send us a copy of the completed IA.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Wednesday, August 12, 2020 10:54 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
Importance: High

Hi Judy,
I'm following up again on the copy of the IA if already completed.

Thanks,
Dinty

From: Caparaz, Resurreccion V.
Sent: Monday, August 3, 2020 9:04 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Just following up on the copy of the IA if already completed.

Thanks,
Dinty

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 12:01 PM
To: Roles, Judy
Cc: Trad, Dalia; Caparaz, Resurreccion V.

Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

The Production Operations Engineer, Sam Layton, gave the following timeline:

1. The project starts this month (July 2020)
2. Expected completion is in 6-8 weeks (September 2020)

Let me know if you need anything more.

Raymond
X7-0228

From: Harper, Raymond
Sent: Tuesday, July 28, 2020 11:01 AM
To: Caparaz, Resurreccion V.; Roles, Judy
Cc: Trad, Dalia
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty,

I've already emailed E & B for an answer to their project timing. I'll let Judy know as soon as I receive a response.

Raymond
X7-0228

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 10:53 AM
To: Roles, Judy
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Judy!

From: Roles, Judy
Sent: Tuesday, July 28, 2020 10:51 AM
To: Caparaz, Resurreccion V.
Cc: Trad, Dalia; Harper, Raymond
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Dinty – I will send you a copy of the executed IA. I'm just waiting for Raymond to let me know when E & B plans to begin their system upgrade. We have no job in our system and I need to let the City Attorney know of the timeline. They're renewing for micro-turbines totalling
730-kW(ac), but they currently only have 130-kW(ac).

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image040.png>

<image041.jpg>

From: Caparaz, Resurreccion V.
Sent: Tuesday, July 28, 2020 9:47 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning Judy,
Please email us a copy of the IA when it is completed.

Thanks,

Resurreccion "Dinty" Caparaz
LADWP/Rates Group
(213) 367-1558

From: Roles, Judy
Sent: Monday, July 27, 2020 10:58 AM
To: Harper, Raymond
Cc: Trad, Dalia; Caparaz, Resurreccion V.
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

I'll try to work on it today. I have to leave for a couple of hours and then I have other assignments needing to be completed this afternoon. If I can't get to it by this afternoon, it'll get finished tomorrow.

Judy Roles
Principal Clerk Utility – PPDED Admin Support
Interconnection Administrator
(213) 367-2726; fax: (213) 367-2919
Los Angeles Department of Water and Power
Power Planning, Development, and Engineering Division
111 N. Hope St., Room 819
Los Angeles, CA 90012-2607
<image040.png>

From: Harper, Raymond
Sent: Monday, July 27, 2020 10:46 AM
To: Roles, Judy <Judy.Roles@ladwp.com>
Cc: Trad, Dalia <Dalia.Trad@ladwp.com>; Caparaz, Resurreccion V. <Resurreccionvictoria.Caparaz@ladwp.com>
Subject: RE: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Judy,

Please speak to Dalia's question on when the IA will be completed internally.

Thanks,
Raymond

From: Trad, Dalia
Sent: Monday, July 27, 2020 10:42 AM
To: Harper, Raymond; Roles, Judy; Caparaz, Resurreccion V.
Subject: Re: E & B Natural Resources Management corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Raymond. Do you know when the interconnection agreement will be completed internally?

1. signed by LADWP(page 19); and
2. an agreement number filled in on the first page

Thank you

On: 27 July 2020 10:33, "Harper, Raymond" <Raymond.Harper@ladwp.com> wrote:

Good Morning,

The signed IA for E & B Natural Resources Management Corporation is attached along with the original single line diagram for the cogen plant.

Thanks,
Raymond
X7-0228

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<ahumphrey@andrewhumphreyengineering.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Samuel,

Just wanted to check in on this one again as it's been a few months. Can you provide a status update on this job?

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Tesfagiyorgis, Biniam
Sent: Thursday, October 6, 2022 7:37 AM
To: 'Samuel Layton' <Samuel.layton@ebresources.com>; 'Andrew Humphrey' <ahumphrey@andrewhumphreyengineering.com>
Cc: Lacayo, Danny <danny.lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning, Samuel.

Just wanted to check in on this one again as it's been a few months. Can you provide a status update on this job?

Also, in addition to the requested information in my previous email please sign and return the attached Declaration of Ownership form. Also, please submit the inverters settings report to confirm their compliance with DWP inverter technical requirements. (Please use ladwp.com/codes link in my signature).

Furthermore The previously requested in-service date is no longer feasible please provide me with an updated in-service date.

<image003.png>

Please let me know if you have any questions or concerns.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, May 11, 2023 2:15 PM
To: Andrew Humphrey; Samuel Layton
Cc: Lacayo, Danny; Nunezuribe, Luis; Harper, Raymond
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Andrew,

No load is allowed on the generation side of the performance meter, with a few exceptions, so as long as the shunt trip/control unit draws less than 100W, we're fine. See ESR PG 8-4i.

3. The performance meter as specified in these requirements is intended to measure the total output c customer's generating system. No customer load is permitted on the generating system side of the me

Exception: Optional customer installed device(s) used to monitor system performance are permitted and are subject to the following conditions:

(1) Device(s) shall be co-located on the same side of the AC disconnect switch as its sou of power.

(2) A device(s) power source wiring shall not bypass or defeat any AC disconnect switch.

(3) A device(s) power source and low voltage data circuits shall not enter or pass through utility sealed section.

(4) Total device load shall not exceed 100 Watts.

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Thursday, May 11, 2023 1:59 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>

Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hi Biniam,

Can you please confirm what you mentioned on the phone that LADWP is ok with the shunt trip circuit getting its control power after (microturbine side) the performance meter? Please note that the one line is not exactly the same as the switchboard drawings. The power for the shunt trips is derived from a 100VA control power transformer that also powers the arc-reduction maintenance switch on the 1200A breaker. Refer to the switchboard shop drawings.

Are there any other comments on the design? Please let us. We are eager to get the switchboards into production but are waiting on LADWP approval.

Thank you,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, CT, FL, HI, IN, KS, MA, MD, ME, MI, MN, MO, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Andrew Humphrey
Sent: Thursday, May 4, 2023 1:18 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

Mike Quisenberry confirmed Capstone does use UL directly to perform the UL1741 testing.

Thanks,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, CT, FL, HI, IN, KS, MA, MD, ME, MI, MN, MO, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, May 4, 2023 11:38 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton

<Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Andrew,

Thank you. Once I have reviewed all of the submitted documents, I will contact you if additional information is required.

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFeed

---

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Thursday, May 4, 2023 10:34 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

Please find attached the UL1741 SA certificate for the Capstone inverter.

I'm checking with Capstone (Mike Quisenberry) on the inverter settings report.

Aside from this, please let us know if there is anything else.

Many thanks,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, CT, FL, HI, IN, KS, MA, MD, ME, MI, MN, MO, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436
Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, May 4, 2023 9:55 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Andrew,

I'll call you to discuss further.

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Thursday, May 4, 2023 8:27 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

Can you explain these settings reports you are requesting? The spreadsheets in the attached email are a lengthy list of parameters. I'm not sure what all of them mean exactly or if they apply to the Capstone inverter unless this is a standardized list part of UL1741 SA. The voltage and frequency setpoints in the inverter will be set in accordance with LADWP requirements.

Thank you,

Andrew Humphrey, PE
(AK, AR, AZ, DC, CA, CO, CT, FL, HI, IN, KS, MA, MD, ME, MI, MN, MO, MT, NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)
Andrew Humphrey Engineering, LLC
PO Box 18436

Golden, CO 80402
720-627-5076 Desk
303-590-5976 Cell
ahumphrey@andrewhumphreyengineering.com
www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, May 4, 2023 9:13 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Sam,

The inverter settings report was not provided. Please send it in, and I'll begin reviewing the project (see email attached).

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, May 2, 2023 3:44 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Biniam,

As promised, here is the signed declaration form.

Thank you for your guidance on this.

Most Sincerely,

Sam Layton
E&B NATURAL RESOURCES

From: Samuel Layton
Sent: Tuesday, May 2, 2023 12:19 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Re: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

I am attaching the requested technical documents.

Also, please adjust the in-service date to 10/1/2023.

I will send the declaration in a follow up email.

Sincerely,

Sam Layton
E&B

> On May 2, 2023, at 7:38 AM, Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com> wrote:
>
> Samuel,
>
> LADWP cannot proceed with design activities due to insufficient information. Please provide the information requested. The following has been requested and is required:
>
> 1. Datasheet of the actual inverter , that shows all the electrical characteristic.
> 2. Updated In-service date
> 3. Completed declaration form
>
> Please keep in mind that the datasheet must also include the names of the testing laboratories for the electrical equipment/inverters (which labs perform UL 1741 testing).
>
> Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

<image002.jpg>

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustor

---

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Monday, May 1, 2023 3:37 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

---

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Good Afternoon Biniam,

I am attaching the shop drawings to this email for your review/comments. Thank you for your patience, it took some time to get them from the manufacturer.

I will handle the Declaration form and In-Service Date in a separate email.

Again, thank you for your patience and understanding.

Sam Layton
E&B Natural Resources – LA Basin
D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, April 19, 2023 7:49 AM
To: Samuel Layton <Samuel.layton@ebresources.com>; Andrew Humphrey

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<RE [EXTERNAL] RE Status update E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement>

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, May 25, 2023 10:23 AM
To: Andrew Humphrey; Samuel Layton
Cc: Nunezuribe, Luis; Lacayo, Danny; Harper, Raymond
Subject: Switchboard Shop Drawings - Approved as amended
Attachments: SWBD SHOP DRAWING ASA _ 2126 W Adams Blvd_last.pdf

Andrew,

The switchboard submittal that was proposed is approved as amended.

For additional reference, please refer to the Electric Service Requirements.
LADWP Codes

Please let me know if you have any questions or concerns
Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, June 2, 2023 2:48 PM
To: Andrew Humphrey; Samuel Layton
Cc: Nunezuribe, Luis; Lacayo, Danny; Harper, Raymond; 398.ESR
Subject: Commitment Documents -2126 W Adams Blvd
Attachments: 20c0079 _Rev1.pdf; NEM BESS FiT Interconnection Commitment Letter.pdf

Samuel,

Please see attached the Commitment letter and Customer One Line Operating Diagrams (20c0079 - Revision 1) describing the interconnections of your photovoltaic systems for your Cogen project at 2126 W Adams Blvd.

Please install all facilities in accordance with the Los Angeles Department of Water and Power (the Department) Electric Service Requirements (link in my signature) and the enclosed plans.
Any change in design will require you to submit such changes to the Department for re-evaluation.

Be advised that the locations of the required AC disconnects will be field verified by the assigned Electric Service Representative. It is your responsibility to provide a copy of this plan to the contractor or subcontractor responsible for performing the work.

If you have any questions about the design or if you wish to discuss any design changes, please let me know.

Regards,

Biniam Tesfagiyorgis | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
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TOTAL	12
CUST	1
ENGR	2
SP(398)	2
DDFT	1
ECC	2
ETS	1
ETD	1
ICA	1
FILE	1

730KW AC

CAPSTONE, C600S MICROTURBINE
600KW AC 480Y/277V, 3Ø, 4W

TYP. 2

200KW AC GENERATOR (MICRO-TURBINE)

200KW AC GENERATOR (MICRO-TURBINE)

200KW AC GENERATOR (MICRO-TURBINE)

65KW AC GENERATOR (MICRO-TURBINE)

34.5KV

IS-991

400A

400A

400A

1000A, 480Y/277V, 3Ø, 4W

GROUNDING TRANSFOREMER
ZIG-ZAG 156KVA

NEUTRAL BUS

SHUNT TRIP DEVICE

1200A

150A

15A

225A

1600A, 480Y/277V, 3Ø, 4W

IDR

WH
VH

EXISITING GENERATION
METER
APMG429-698

3Ø, 4W

SOUTHWEST CORNER OF THE PROPERTY

ELECTRIC ROOM

LADWP
CUST

1600A, 480V, 3Ø, 3W
UTILITY AC
DISCONNECT SWITCH

3Ø, 4W

REMOVE:
AUPMDL422-4420
INSTALL:
AUPMYD226-(NEW)
NBPV WR# 2268934

WH

3Ø, 4W

1600A, 277Y/480V, 3Ø, 4W
UTILITY AC
DISCONNECT SWITCH
W/VIEWING WINDOW

3000A

LINE SIDE TAP
PROVIDE UL 3RD PARTY
RECERTIFICATION
PER ESR PAGE 8-10i
CONSULT LADBS

480V, 3Ø, 3W
POWER & LIGHT

TYPE OF STATION:	SPACING MAP:	THOMAS:	WORK REQUEST:	PROJECT:	DISTRICT:	DATE:
OUT DOOR	124-192	663-H7	2085882	P291777	C	6/01/2022

REVISION

NO	DSN	CKD
1	BT	DF

Luis Nunezuribe — ENGINEERING APPROVAL — 5/31/2023 — DATE

DESCRIPTION

REVISED SIZE OF THE UNIT METER & DISCONNECT RATING

CUSTOMER ONE LINE OPERATING DIAGRAM
CUSTOMER OWNED GENERATOR -730KW AC
2126 W. ADAMS BLVD .-MURPHY DRILL SITE, IS-991

DESIGN: BT

Eduardo Illingworth — O.K.

Linh Doan — ENGINEERING APPROVAL — 12/1/2020 — DATE

POWER SYSTEM
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

DRAWING NUMBER: 20C0079

Los Angeles Department of Water & Power
BUILDING A STRONGER L.A.

Karen Bass, Mayor

Board of Commissioners
Cynthia McClain-Hill, President
Cynthia M. Ruiz, Vice President
Mia Lehrer
Nicole Neeman Brady
Nurit Katz
Chante L. Mitchell, Secretary

Martin L. Adams, General Manager and Chief Engineer

June 01, 2023

Mr. Samuel Layton
E&B Natural Resources Management Corporation
1600 Norris Rd
Bakersfield, CA 93308

Dear Mr. Layton:

Subject: Customer-Owned Parallel Generating System Interconnection Commitment
2126 W Adams Blvd, Los Angeles, CA 90018 - Murphy site microturbine
Project No. P291777 / Work Request No. 2201583

This letter confirms our approval to interconnect your 730kW AC Cogen System. Please install all facilities in accordance with the Los Angeles Department of Water and Power's (LADWP) Electric Service Requirements and the enclosed LADWP single line diagram 20C0079.

The maximum available fault current at the 3000A, 480V, 3Ø-3W underground service is estimated to be 41,500A amperes.

Contact the Electric Service Representative (ESR) for Area 398 at (213) 367-6217 for inspection of signage, meter equipment, lockable visible open disconnect, performance meter, access, and to spot disconnect location. Refer to the LADWP Electric Service Requirements Section 8 for parallel generating systems.

The LADWP single line diagram 22C0008 is to be laminated and visibly located at the main meter panel. Consult with the ESR for Area 398 for a location prior to posting.

You can track your jobs on our website at http://wmisweb.ladwp.com/powerwmis.

This commitment is valid for six months. If you have any questions regarding these requirements or if you wish to discuss any design changes, please contact our design engineer Mr. Biniam Tesfagiyorgis, at (818) 771-3681.

Sincerely,

Luis Nunezuribe
Luis Nunezuribe
Electrical Engineer, PV & BESS Design

c: Biniam Tesfagiyorgis, ESR Area 398 DL

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Tuesday, October 8, 2024 3:58 PM
To: Samuel Layton; ed wittenengineering.com
Cc: engineering wittenengineering.com
Subject: RE: [EXTERNAL] E & B Natural Resources - Murphy Drill Site - Revised Line Operating Diagram
Attachments: 20c0079 _Rev1.pdf; Murphy Site Microturbine Electrical Drawings 04-13-2022 (005).pdf; NEM BESS FiT Interconnection Commitment Letter.pdf

Thank you, Samuel,

Ed -As I mentioned during our phone call, we are expecting you to send us an updated single line diagram that matches the layout of the previously approved by LADWP.

Also, as you mentioned in your previous email, if your revision is only to connect directly to the 1600A fuse, please update the original drawings to reflect those changes; this will allow me to avoid reviewing the layout again and expedite the process. Drawings that have been previously approved are attached.

Regards,

Biniam Tesfagiyorgis, MSEE | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFee*

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Thursday, October 3, 2024 9:31 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>; ed wittenengineering.com <ed@wittenengineering.com>
Cc: engineering wittenengineering.com <engineering@wittenengineering.com>; Patricio, Jerick <Jerick.Patricio@ladwp.com>; Yakoub, Naguib <Naguib.Yakoub@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Subject: RE: [EXTERNAL] E & B Natural Resources - Murphy Drill Site - Revised Line Operating Diagram

Greetings Biniam,

I hope all is well!

As you may know by now, E&B Natural Resources has enlisted Witten Engineering to assist with the project at 2126 W Adams.

Please consider Ed Coltuneac of Witten Engineering as the Single Point of Contact (SPOC) for this project going forward.

I am confident we can see this project across the finish line.

Thank you for all of your guidance and assistance thus far.

Most Sincerely,

Samuel S Layton, PE
Technical Director
E&B Natural Resources
M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, October 3, 2024 9:18 AM
To: ed wittenengineering.com <ed@wittenengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: engineering wittenengineering.com <engineering@wittenengineering.com>; Patricio, Jerick <Jerick.Patricio@ladwp.com>; Yakoub, Naguib <Naguib.Yakoub@ladwp.com>
Subject: RE: [EXTERNAL] E & B Natural Resources - Murphy Drill Site - Revised Line Operating Diagram

Good morning,

As I mentioned during our phone conversation , our single point of contact (SPOC) for this project is Mr. Samuel Layton, If the point of contact for this job changes, I must receive an email from the SPOC.

Please let me know if you have any questions or concerns.

Regards,

Biniam Tesfagiyorgis, MSEE | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFee

---

From: ed wittenengineering.com <ed@wittenengineering.com>
Sent: Wednesday, August 14, 2024 1:11 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: engineering wittenengineering.com <engineering@wittenengineering.com>

Subject: [EXTERNAL] E & B Natural Resources - Murphy Drill Site - Revised Line Operating Diagram
Importance: High

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Hi Biniam,

I have attached the revised line operating diagram for the Murphy Drill Site at 2126 W. ADAMS BLVD for your review.
The initial plan was to tap the line to the bus bar on the main switchboard, which would have required a UL recertification.
However, we have decided to connect directly to the 1600A fuse instead, thus avoiding the need for the UL recertification.
Please let me know if you have any questions.

Thank you,
Ed Coltuneac
(562) 837 - 7283
WITTEN engineering

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, July 3, 2024 8:34 AM
To: ed wittenengineering.com <ed@wittenengineering.com>
Cc: Patricio, Jerick <Jerick.Patricio@ladwp.com>; Yakoub, Naguib <Naguib.Yakoub@ladwp.com>
Subject: RE: [EXTERNAL] FW: Fw: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Ed Coltuneac,

Please see the attached commitment package that was given to the customer on June 2, 2023.

Regards,

Biniam Tesfagiyorgis, MSEE | Electrical Engineering Associate II
PV/BESS Design Group
Los Angeles Department of Water and Power
Power New Business and Electrification Division
Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes
How to apply for Encroachment Permits: Encroachment Permits
Check electric service installations online at: https://wmis.powersystem.ladwp.com/
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"If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerFee

---

From: ed wittenengineering.com <ed@wittenengineering.com>
Sent: Tuesday, July 2, 2024 8:44 AM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Subject: [EXTERNAL] FW: Fw: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Hi Biniam,

Per our conversation, please provide us with the package that was approved.

Thank you,
Ed Coltuneac
(562) 837 - 7283

WITTEN engineering

From: Kevin Nguyen <kevin@directsourceelectric.com>
Sent: Friday, June 7, 2024 5:31 AM
To: ed wittenengineering.com <ed@wittenengineering.com>
Subject: Fwd: Fw: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

---------- Forwarded message ---------
From: **Samuel Layton** <Samuel.layton@ebresources.com>
Date: Tue, Jun 4, 2024 at 7:15 PM
Subject: Fw: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement
To: Kevin Nguyen <kevin@directsourceelectric.com>

Another important email for our records

Sam Layton

E&B Natural Resources – LA Basin

D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, May 25, 2022 7:52 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good morning, Andrew and Sam!

I have some good news: LADWP has accepted the proposed zig-zag transformer for this project, but the performance meter voltage characteristics has to be 3 phase 4w. Please send updated single line diagram.

Please also provide the following items in order to Procced with the design activity.

1. New in-service date, LADWP records indicate a requested in-service date of 06/01/2022. The previously requested in-service date is no longer feasible.
2. Inverter datasheet

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-9086

Electric Service Requirements: www.ladwp.com/codes

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Wednesday, May 18, 2022 4:57 PM
To: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Hi Biniam,

I just sent you current drawings showing the zigzag transformer. Once we resolve these issues, we'll get an updated switchboard quote and shop drawings.

Thank you,

Andrew Humphrey, PE

(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT,

NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)

Andrew Humphrey Engineering, LLC

PO Box 18436

Golden, CO 80402

720-627-5076 Desk

303-590-5976 Cell

ahumphrey@andrewhumphreyengineering.com

www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, May 18, 2022 5:53 PM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

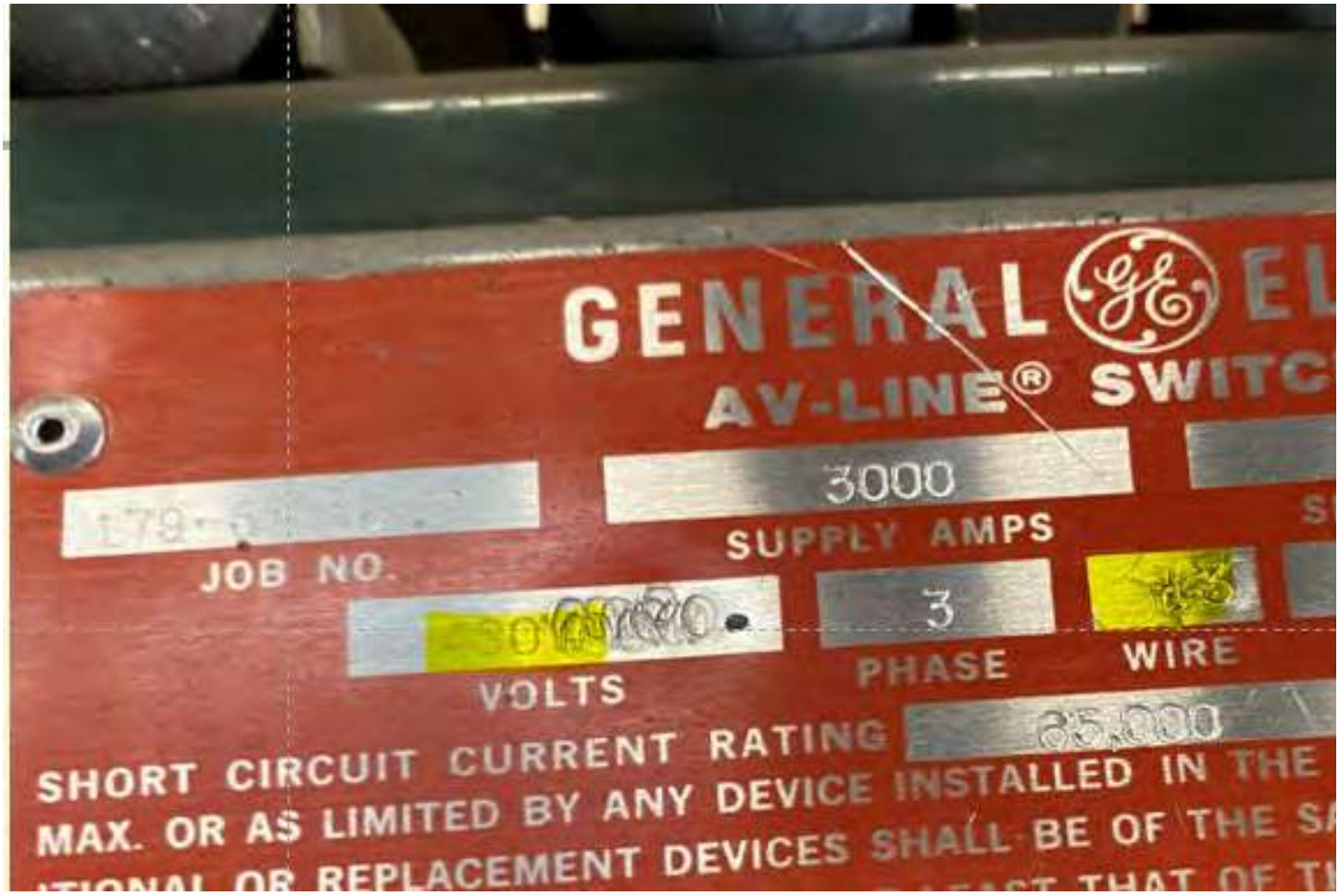
Hello Andrew,

Please provide an updated single line diagram with the zigzag transformer and switchboard shop drawing for the new 1600 A Cogen subpanel as per our conversation this afternoon (05/18).

Furthermore, existing panel voltage labels are scratched. Please ensure that the switch board is red signed with the right voltage and phase characteristics.

See the picture below.

Please let me know if you have any question or concern.



Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

Electric Service Requirements: www.ladwp.com/codes

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Tuesday, May 17, 2022 9:10 AM
To: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Thank you Biniam.

Andrew Humphrey, PE

(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT,

NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)

Andrew Humphrey Engineering, LLC

PO Box 18436

Golden, CO 80402

720-627-5076 Desk

303-590-5976 Cell

ahumphrey@andrewhumphreyengineering.com

www.AndrewHumphreyEngineering.com

From: Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Sent: Tuesday, May 17, 2022 10:08 AM
To: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>; Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Andrew,

Thank you for reaching out. Please give us some more time; we're currently having an internal discussion and will respond to you as soon as possible.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-9086

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Sent: Monday, May 16, 2022 11:26 AM
To: Samuel Layton <Samuel.layton@ebresources.com>; Tesfagiyorgis, Biniam <B.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello Biniam,

I understand LADWP made a site investigation of the existing service and service transformer for this project last Thursday. Can you please share any finding of this investigation that would help us move forward?

Many thanks,

Andrew Humphrey, PE

(AK, AR, AZ, DC, CA, CO, FL, HI, IN, KS, MA, MD, ME, MI, MN, MT,

NC, NE, NM, NV, NY, OK, OH, OR, PA, RI, SC, SD, TX, VA, VT, WY)

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PO Box 18436

Golden, CO 80402

720-627-5076 Desk

303-590-5976 Cell

ahumphrey@andrewhumphreyengineering.com

www.AndrewHumphreyEngineering.com

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Wednesday, April 20, 2022 6:47 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Biniam,

Can we set up a conference call to discuss the requested revisions of equipment?

The lead times on the electrical equipment are the worst ive ever seen and we want to make sure were on the same page on a few small details. The manufacturers are telling us if we don't iron out the details soon it could delay the manufacturing of the items for over a year.

As this project is in a peculiar predicament of already having a signed and fully executed IA, I believe we all desire to see this ironed out and put to rest sooner than later.

Sam Layton

E&B Natural Resources – LA Basin

D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Wednesday, March 23, 2022 11:05 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello, Sam.

A few of items needed to be updated in order to move forward with the design activity.

1. The given single line diagram is inconsistent with the LADWP ESR requirement. The service offered to this location is three phase three wire. Please match all voltage descriptions provided on the single diagram and provide an updated one. Refer ESR 8i

2. Provide information about the BUS rating (see my comments on the attached pdf)

Note: Service voltage in this plan/SLD has to be 3 phase 3 wire all the way up to the microturbine

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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You can always Find the Right Person at LADWP: https://www.ladwp.com/findtherightperson

Virtual Inspections are now available. Contact your ESR for details.

"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Friday, March 18, 2022 1:39 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>; Andrew Humphrey <ahumphrey@andrewhumphreyengineering.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Biniam,

I am attaching three (3) documents to this email. I believe this should fulfill all of your requests.

Please let us know if there is anything else you need, we are happy to help.

Most Sincerely,

Sam Layton

E&B Natural Resources – LA Basin

D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Friday, March 18, 2022 11:42 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Sam,

Please review the comments in my last email and respond with all of the needed information.

Please let me know if you have any question or concern.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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Virtual Inspections are now available. Contact your ESR for details.

"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Thursday, March 17, 2022 5:24 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Good Evening Biniam,

The EE has addressed your comments and provided us with updated drawings.

Please find the following attachments:

- Picture of LADWP Meter – 2126 W Adams
- Picture of Co-Gen Meter – 2126 W Adams
- Updated drawings from EE

Please let me know if there is anything else you need.

Most Sincerely,

Sam Layton

E&B Natural Resources – LA Basin

D: 562.548.6810 || M: 661.332.3984

From: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Sent: Thursday, March 10, 2022 11:17 AM
To: Samuel Layton <Samuel.layton@ebresources.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Hello, Samuel

Thank you very much for the attachment. After reviewing all of the provided documents, there are still a few details that need to be addressed before I begin the design activity. Kindly update the single line diagram with all relevant details.

Thank you,

Biniam Tesfagiyorgis | Electrical Engineering Associate

PV/BESS Design Group

Los Angeles Department of Water and Power

Power New Business and Electrification Division

Biniam.Tesfagiyorgis@ladwp.com |(213)-841-**9086**

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"*If you have a question or comments regarding the level of customer service you are receiving, please send an email to PowerCustomerF*

From: Samuel Layton <Samuel.layton@ebresources.com>
Sent: Tuesday, March 8, 2022 4:05 PM
To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: [EXTERNAL] RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

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Good Afternoon Biniam,

Thank you for the phone call. I have uploaded the contents of the .zip file as you requested. I hope the data sheets are easier to view now.

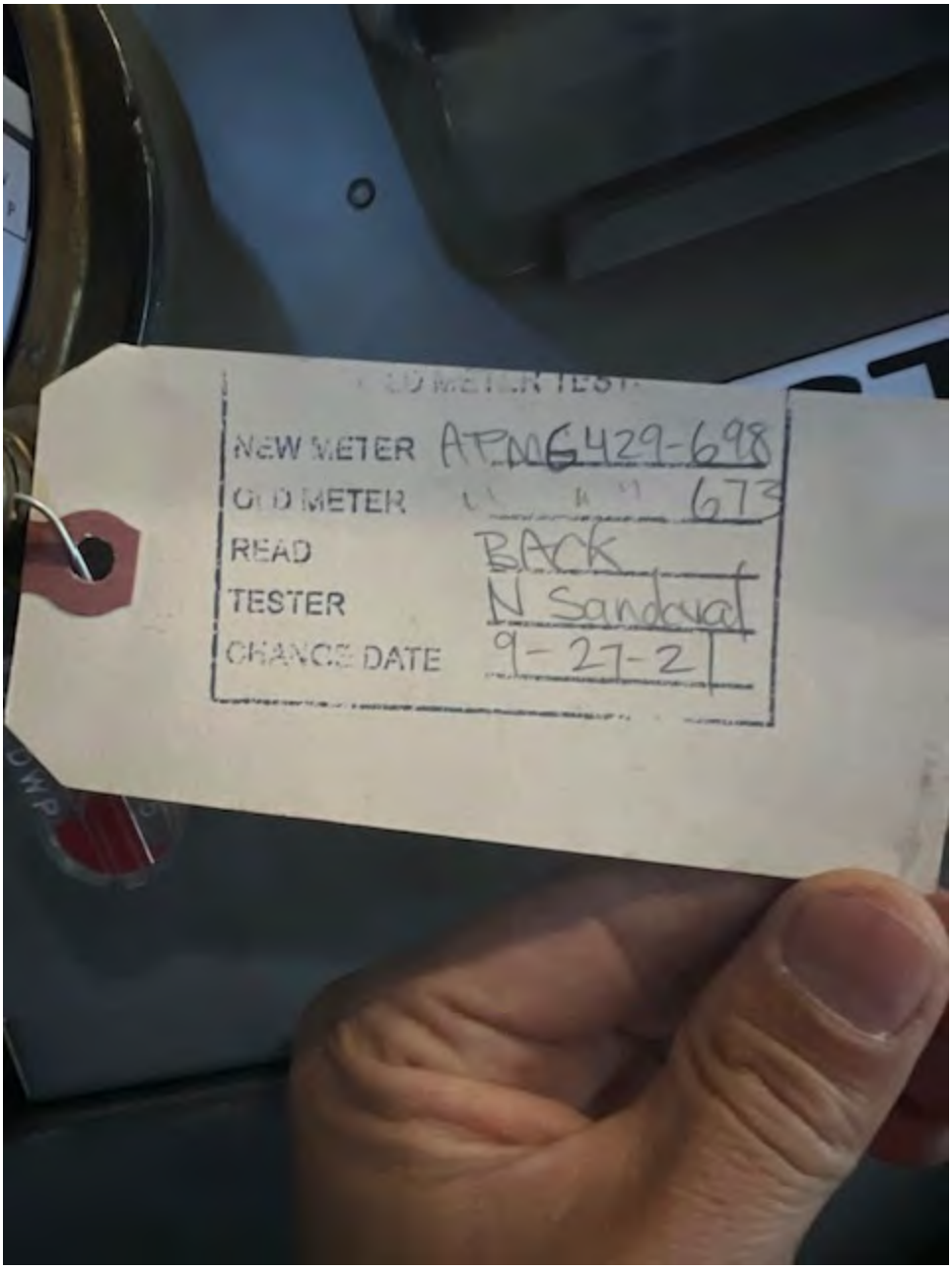
I have also uploaded pictures of the LADWP meter and the Co-Gen meter at 2126 W Adams Blvd.

If there is more detail you need about the Capstones please let me know. I will forward your request(s) to Capstone, I am confident they will provide exactly what you're looking for.

Most Sincerely,

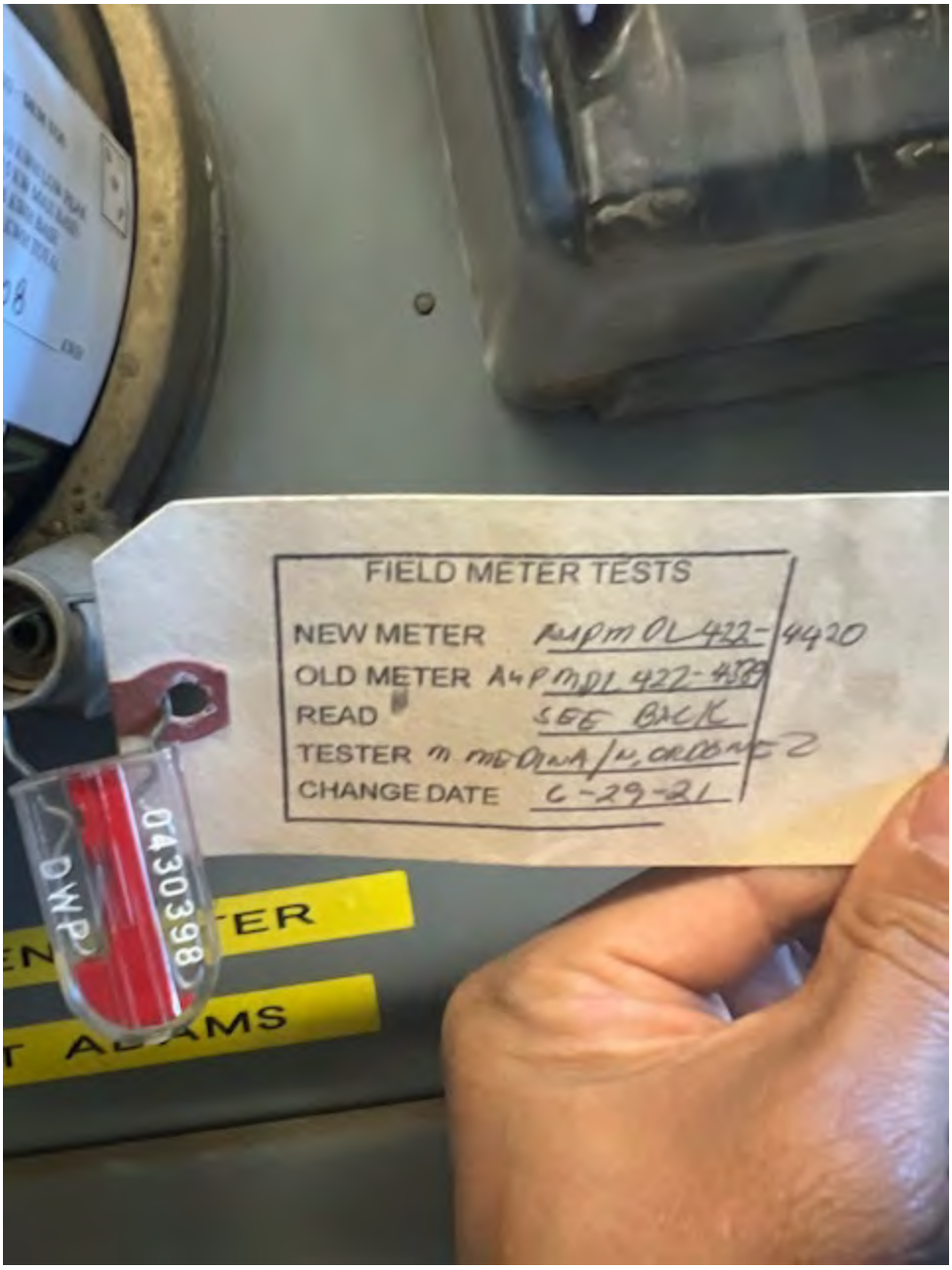
Sam Layton

E&B NATURAL RESOURCES


NEW METER AP06429-698
OLD METER 673
READ BACK
TESTER N Sandoval
CHANGE DATE 9-27-21

2126 WEST
ADAMS BLVD.
CT RATIO
2000 : 5

SQUARE D COMPANY
CT RATIO 400:5
C
G
CODE REQUIRES:



Sam Layton

E&B Natural Resources – LA Basin

D: 562.548.6810 || M: 661.332.3984

From: Samuel Layton
Sent: Friday, February 25, 2022 3:59 PM

To: Tesfagiyorgis, Biniam <Biniam.Tesfagiyorgis@ladwp.com>
Cc: Lacayo, Danny <Danny.Lacayo@ladwp.com>; Nunezuribe, Luis <Luis.Nunezuribe@ladwp.com>; Harper, Raymond <Raymond.Harper@ladwp.com>
Subject: RE: Status update : E & B Natural Resources Management Corporation Customer Generation Service - 2126 W Adams Blvd - Interconnection Agreement

Good Afternoon Biniam,

Thank you for your patience, we received the items from the EE at COB yesterday. We wanted you to have them immediately.

I am attaching the following:

☐ Equipment datasheet for the micro-turbine generators (C-600,C-200 and C-65) – Capstone Datasheets.7z

☐ One-line Electrical Diagram detailing the following(Please refer ESR PAGE 8-37i link in my signature): - Murphy Site Microturbine Electrical Drawings 02-24-2022.pdf

- Voltage, phase, and amps of switchboards, meter panels, and load centers
- Breaker, fuse, and switch amps
- Existing information for meter panel of a performance meter (voltage , phase and amp)
- Rating of the existing utility AC disconnect switch (voltage, phase and amp)

☐ Photographs of existing main service and metering equipment – I will send in a follow up email

- Picture for existing co-gen meter (APMG429)
- Picture for the existing performance meter (AUPMD422-)

☐ Service Planning Information Form (SP

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TOTAL	12
CUST	1
ENGR	2
SP(398)	2
DDFT	1
ECC	2
ETS	1
ETD	1
ICA	1
FILE	1

730KW AC

CAPSTONE, C600S MICROTURBINE
600KW AC 480Y/277V, 3Ø, 4W

TYP. 2

200KW AC GENERATOR (MICRO-TURBINE)

200KW AC GENERATOR (MICRO-TURBINE)

200KW AC GENERATOR (MICRO-TURBINE)

65KW AC GENERATOR (MICRO-TURBINE)

34.5KV

IS-991

400A

400A

400A

1000A, 480Y/277V, 3Ø, 4W

GROUNDING TRANSFOREMER
ZIG-ZAG 156KVA

NEUTRAL BUS

SHUNT TRIP DEVICE

1200A

150A

15A

225A

1600A, 480Y/277V, 3Ø, 4W

IDR

WH
VH

EXISITING GENERATION
METER
APMG429-698

3Ø, 4W

SOUTHWEST CORNER OF THE PROPERTY

ELECTRIC ROOM

LADWP
CUST

1600A, 480V, 3Ø, 3W
UTILITY AC
DISCONNECT SWITCH

3Ø, 4W

REMOVE:
AUPMDL422-4420
INSTALL:
AUPMYD226-(NEW)
NBPV WR# 2268934

WH

3Ø, 4W

1600A, 277Y/480V, 3Ø, 4W
UTILITY AC
DISCONNECT SWITCH
W/VIEWING WINDOW

3000A

LINE SIDE TAP
PROVIDE UL 3RD PARTY
RECERTIFICATION
PER ESR PAGE 8-10i
CONSULT LADBS

480V, 3Ø, 3W
POWER & LIGHT

TYPE OF STATION:	SPACING MAP:	THOMAS:	WORK REQUEST:	PROJECT:	DISTRICT:	DATE:
OUT DOOR	124-192	663-H7	2085882	P291777	C	6/01/2022

REVISION

NO	DSN	CKD
1	BT	DF

Luis Nunezuribe — ENGINEERING APPROVAL — 5/31/2023 — DATE

DESCRIPTION

REVISED SIZE OF THE UNIT METER & DISCONNECT RATING

CUSTOMER ONE LINE OPERATING DIAGRAM
CUSTOMER OWNED GENERATOR -730KW AC
2126 W. ADAMS BLVD .-MURPHY DRILL SITE, IS-991

DESIGN: BT

Eduardo Illingworth — O.K.

Linh Doan — ENGINEERING APPROVAL — 12/1/2020 — DATE

POWER SYSTEM
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

DRAWING NUMBER: 20C0079

MURPHY SITE MICROTURBINE

2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018

CONTACT INFORMATION

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PROJECT DESCRIPTION

THE PROJECT CONSISTS OF A NEW CAPSTONE C600s AND TWO EXISTING CAPSTONE C65s MICOTURBIBES AND RELATED ELECTRICAL EQUIPMENT AT THE MURPHY DRILL SITE LOCATED AT 2126 WEST ADAMS BOULEVARD, LOS ANGELES, CALIFORNIA 90018. ALL EQUIPMENT WILL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REQUIREMENTS OF THE LOCAL JURISDICTION AND UTILITY.

SYSTEM SPECIFICATIONS

MICROTURBINES: (1) NEW CAPSTONE C600s
(2) EXISTING CAPSTONE C65s

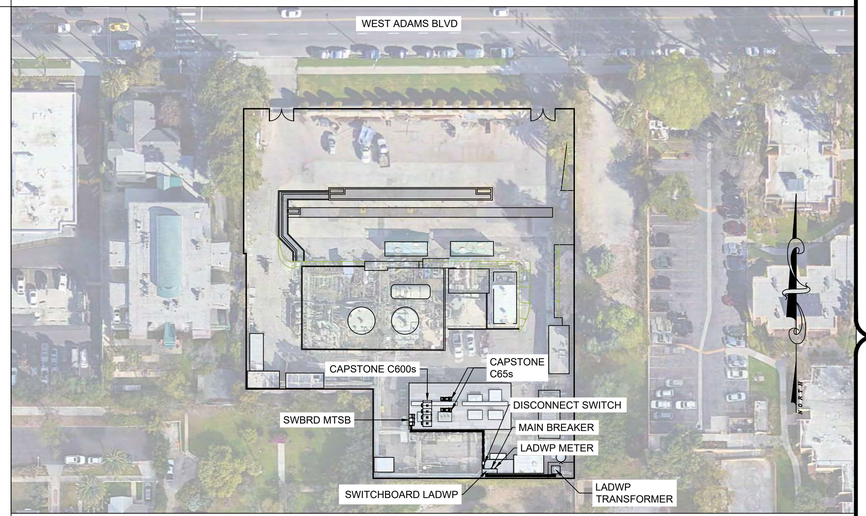
APPLICABLE CODES & STANDARDS

2017 NATIONAL ELECTRIC CODE (NEC)
2019 CALIFORNIA ELECTRICAL CODE
2019 CALIFORNIA BUILDING STANDARDS CODE
CALIFORNIA CODE REGS. TITLE 24

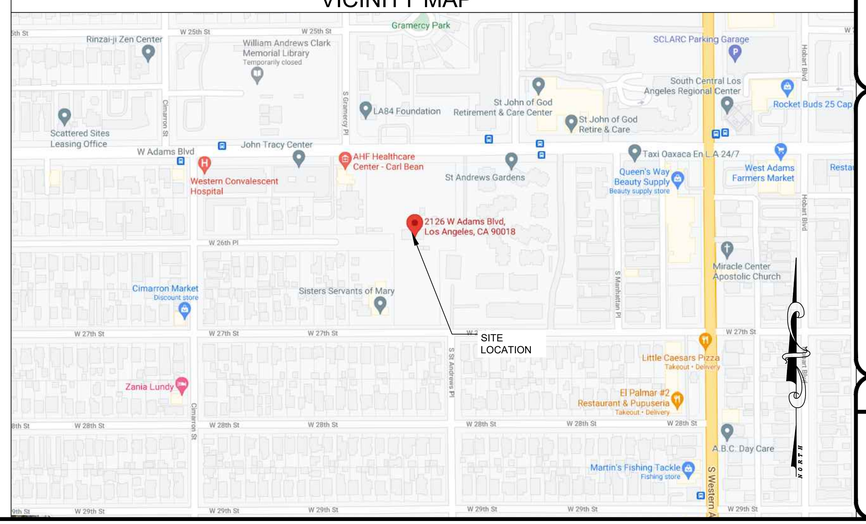
DRAWING LIST

E0	TITLE SHEET	REV 3, FOR REVIEW
E1	ELECTRICAL NOTES	REV 0, FOR REVIEW
E2	ONE-LINE DIAGRAM AND CALCULATIONS	REV 3, FOR REVIEW
E3	SITE PLAN	REV 0, FOR REVIEW
E4	ELECTRICAL PLAN	REV 0, FOR REVIEW
E5	PLACARDS	REV 0, FOR REVIEW

AERIAL IMAGE



VICINITY MAP



REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW
1	03/11/22	EZ	EZ	AFH	FOR REVIEW
2	03/18/22	EZ	EZ	AFH	FOR REVIEW
2	04/13/22	EZ	EZ	AFH	FOR REVIEW

MURPHY SITE MICROTURBINE
2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018
TITLE SHEET

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JOB NO. 2020.098
SCALE NONE

E0

SCOPE OF WORK

THE PROJECT CONSISTS OF A NEW CAPSTONE C600s AND TWO EXISTING CAPSTONE C65s MICROTURBINES AND RELATED ELECTRICAL EQUIPMENT AT THE MURPHY DRILL SITE LOCATED AT 2126 WEST ADAMS BOULEVARD, LOS ANGELES, CALIFORNIA 90018.

NEW MICROTURBINE

THE CAPSTONE C600s MICROTURBINE IS RATED 600kW, 900A, 480V AC/3-PHASE. THE MIRCOTURBINE PRODUCES ELECTRIC POWER USING A HIGH-SPEED TURBINE WHICH PRODUCES HIGH FREQUENCY AC POWER WHICH IS CONVERTER TO 480V, 60Hz USING RECTIFIERS AND INVERTERS INCLUDED IN THE MICROTURBINE UNIT. THE MICROTURBINE IS INSTALLED IN A DEDICATED ROOM.

EXISTING MICROTURBINES

THE CAPSTONE C65s MICROTURBINES ARE RATED 65kW, 120A, 480V AC/3-PHASE. THESE MICROTURBINES ARE INSTALLED IN THE TURBINE ROOM.

NEW 480VAC , 1600A SWITCHBOARD

THE OUTPUT OF THE MICROTURBINE WILL BE FED FROM THE NEW BREAKERS IN THE NEW 480VAC, 1600A SWITCHBOARD WHICH INCLUDES PERFORMANCE METERING REQUIRED BY THE UTILITY, LOS ANGELES DEPARTMENT OF WATER AND POWER (LADWP).

GENERAL ELECTRICAL AND EQUIPMENT NOTES

1. ALL ELECTRICAL WORK TO BE PERFORMED SHALL CONFORM TO ALL APPLICABLE CODES OF GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE PROJECT. WHERE THESE CODES DO NOT APPLY, THE WORK SHALL CONFORM TO THE CALIFORNIA ELECTRIC CODE, 2019 LOS ANGELES CITY CODES WITH AMENDMENTS AND THE 2017 NATIONAL ELECTRICAL CODE. APPLICABLE CODES SHALL INCLUDE BUT NOT BE LIMITED TO, THE FOLLOWING:
   - 1.1. 2019 EDITION OF THE CITY OF LOS ANGELES ELECTRICAL CODE
   - 1.2. 2019 L.A. BUILDING CODE (LABC)
   - 1.3. 2019 L.A. MECHANICAL CODE (LAMC)
   - 1.4. 2019 NATIONAL FIRE ALARM CODE (NFPA 72)
   - 1.5. 2019 CALIFORNIA ENERGY CODE
   - 1.6. 2019 L.A. GREEN CODE (LAGC)
   - 1.7. NATIONAL ELECTRICAL CODE (NFPA 70), 2017.
   - 1.8. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE).
   - 1.9. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA).
   - 1.10. ELECTRICAL SAFETY IN THE WORKPLACE (NFPA 70E).
   - 1.11. UNDERWRITER'S LABORATORY (UL).
   - 1.12. INSULATED CABLE ENGINEERS ASSOCIATION (ICEA).
   - 1.13. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
   - 1.14. AMERICAN SOCIETY OF TESTING MATERIALS (ASTM).
   - 1.15. NATIONAL BUREAU OF STANDARDS.
   - 1.16. INTERNATIONAL BUILDING CODE.
   - 1.17. SAFETY ORDERS OF INDUSTRIAL ACCIDENT COMMISSION.
   - 1.18. RULES OF THE NATIONAL BOARD OF FIRE UNDERWRITERS.
   - 1.19. LOCAL ORDINANCES OF THE STATE.
   - 1.20. LOCAL ORDINANCES OF THE COUNTY OR CITY.
   - 1.21. REQUIREMENTS OF LOCAL UTILITY COMPANY.
2. CONTRACTOR SHALL SUBMIT ELECTRICAL EQUIPMENT PRODUCT DATA SHEETS TO ENGINEER FOR REVIEW AND APPROVAL.
3. ELECTRICAL EQUIPMENT SHALL BE LISTED OR CERTIFIED BY A CITY OF LOS ANGELES RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.
4. MEDIUM-VOLTAGE EQUIPMENT (OVER 1000V) SHALL BE LISTED BY A CITY OF LOS ANGELES RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.
5. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
6. PROPOSED DEVIATIONS FROM DESIGN DOCUMENTS SHALL BE REVIEWED AND APPROVED BY ENGINEER.
7. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ELECTRIC UTILITY LINES WHICH ARE TO REMAIN IN USE DURING CONSTRUCTION.
9. ALL MAJOR EQUIPMENT INTENDED FOR USE IN THE MICROTURBINE SYSTEM SHALL BE IDENTIFIED AND LISTED FOR THE APPLICATION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND EQUIPMENT THROUGHOUT THE JOBSITE TO ENSURE ITS PROTECTION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ITS EMPLOYEES, PERSONNEL, SUBCONTRACTORS, AND EQUIPMENT CONTINUOUSLY DURING CONSTRUCTION INCLUDING AFTER HOURS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT ADEQUATE SAFETY MEASURES AND TO ENFORCE THOSE MEASURES.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONSTRUCTION WORK SHALL BE ACCOMPLISHED IN A THOROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS.
13. STORAGE OF MATERIAL AND EQUIPMENT: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL MATERIAL AND EQUIPMENT TO BE USED IN CONSTRUCTION MUST BE STORED SO AS TO BE PROTECTED FROM DETERIORATING EFFECTS OF THE ELEMENTS. IF OUTDOOR STORAGE CANNOT BE AVOIDED, THE MATERIAL AND EQUIPMENT MUST BE STACKED ON SUPPORTS WELL ABOVE THE GROUND LINE AND PROTECTED FROM THE ELEMENTS AS APPROPRIATE, AND WITH DUE REGARD TO PUBLIC SAFETY.
14. HANDLING OF CABLE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE CABLE SHALL BE HANDLED CAREFULLY AT ALL TIMES TO AVOID DAMAGE, AND SHALL NOT BE DRAGGED ACROSS THE GROUND, FENCES OR SHARP PROJECTIONS. CARE SHALL BE EXERCISED TO AVOID EXCESSIVE BENDING OF THE CABLE. THE CONTRACTOR SHALL ENSURE THAT THE ENDS OF THE CABLE BE SEALED AT ALL TIMES AGAINST MOISTURE WITH SUITABLE END CAPS. WHERE IT IS NECESSARY TO CUT THE CABLE, THE ENDS WILL BE TERMINATED OR SEALED IMMEDIATELY AFTER THE CUTTING OPERATION.

IDENTIFICATION/MARKINGS

1. CONTRACTOR MUST SUPPLY ALL REQUIRED SAFETY SIGNS AND LABELS, WHICH SHALL BE PERMANENTLY ATTACHED BY MECHANICAL MEANS. LABELS SHALL COMPLY WITH NEC ARTICLE 705 AND OTHER APPLICABLE SECTIONS AND LOCAL CODES.
2. CONTRACTOR SHALL ASSIGN TO EACH WIRE AND CABLE A UNIQUE IDENTIFICATION NUMBER. NUMBERS SHALL BE ASSIGNED TO ALL CONDUCTORS HAVING COMMON TERMINALS.
3. AT A MINIMUM, IDENTIFICATION NUMBERING SHALL INCLUDE ORIGIN LOCATION & TERMINAL LOCATION.
4. APPLY ALL CONDUCTOR AND CABLE MARKERS BEFORE TERMINATION.
5. APPLY ALL CONDUCTORS' IDENTIFICATION MARKING WITH HEAT SHRINKABLE TUBING. TUBING SHALL BE TIGHT ON THE WIRE AFTER INSTALLATION AND CHARACTERS SHALL FACE THE OPENING PANEL AND READ LEFT TO RIGHT OR TOP TO BOTTOM.
6. TORQUE MARKS SHALL BE PLACED ON ALL TERMINATION LUGS USING A COLOR DIFFERENT FROM MANUFACTURER.
7. ALL EQUIPMENT ANCHORS SHALL BE TORQUED MARKED BASED ON MANUFACTURER'S OR STRUCTURAL ENGINEER'S RECOMMENDATION.

WIRING & WIRING METHODS

1. BENDING RADIUS SHALL BE PROVIDED BASED ON THE NEC. PROPER BENDING RADIUS MUST BE APPLIED BASED ON CONDUCTOR DIAMETER.
2. FIELD WIRING LARGER THAN 6 AWG THAT IS NOT COLOR CODED SHALL BE COLOR CODED AT BOTH ENDS WITH CODING TAPE TO IDENTIFY ITSELF.
3. GROUNDED CONDUCTORS SHALL BE COLOR CODED IN COMPLIANCE WITH NEC ARTICLE 200.6.
4. ALL GROUND CONDUCTORS SHALL BE COPPER, UNLESS NOTED OTHERWISE.
5. ALL LINE CONDUCTORS SHALL BE COPPER, UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS. CONTRACTOR SHALL CONFIRM WIRE SIZING WITH ENGINEER PRIOR TO USING A WIRE TYPE AND/OR SIZE DIFFERENT FROM WHAT IS SHOWN ON THESE PLANS.
6. ALL CONNECTORS SHALL BE TORQUED PER DEVICE LISTING OR MANUFACTURER'S RECOMMENDATIONS.
7. WHERE NECESSARY TO PREVENT PHYSICAL DAMAGE TO RACEWAY OR CABLE, UNDERGROUND INSTALLATIONS SHALL HAVE BACKFILL PROTECTION IN THE FORM OF GRANULAR OR SELECTED MATERIAL, OR OTHER APPROVED MEANS.
8. EDGE PROTECTION MUST BE PRESENT IF A CONDUCTOR HAS A POTENTIAL OF BEING DAMAGED.
9. DIRECT-BURIED CONDUCTORS MUST BE PROTECTED FROM EARTH MOVEMENT AT ALL TRANSITIONS FROM CONDUIT TO DIRECT BURIAL VIA BELL ENDS, OAE, PER NEC 300.5.
10. PROPERLY COAT WIRES AND CABLES WITH PULLING COMPOUND BEFORE PULLING INTO CONDUITS TO PREVENT MECHANICAL DAMAGE TO CONDUCTORS DURING INSTALLATION.
11. ALL CAT 5 OR CAT 6 CABLES SHALL BE SHIELDED AND CONTAIN SHIELDED TERMINATION ENDS.
12. SPARE CONDUITS SHALL BE CAPPED, TAGGED WITH DESTINATION MARKER, AND PULL WIRES SHALL BE IN PLACE WITH A MINIMUM OF 250LBS TENSILE STRENGTH.
13. CONDUIT CONNECTORS SHALL BE WATER-TIGHT, THREADED FITTINGS.
14. ALL CONNECTIONS FROM WIRE TROUGHS TO DISCONNECTS OR OTHER ELECTRICAL EQUIPMENT SHALL BE MADE THROUGH CONDUIT NIPPLES.
15. STRAIN RELIEF SHALL BE EMPLOYED FOR ALL WIRING ENTERING OR EXITING CONDUIT OR ENCLOSURES, EXCEPT WHERE CONDUIT IS OPEN AT BOTH ENDS AND BEING USED EXCLUSIVELY AS PHYSICAL PROTECTION.

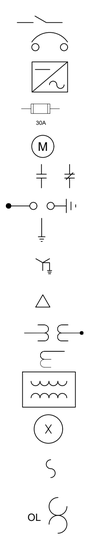
GROUNDING

1. A GROUNDING ELECTRODE SYSTEM SHALL BE PROVIDED AS SHOWN ON THESE DRAWINGS.
2. EXPOSED NON-CURRENT CARRYING METAL PARTS SHALL BE GROUNDED.
3. EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH NEC 250.122.
4. WHERE GROUNDING ELECTRODE CONDUCTORS ARE SPLICED THEY SHALL BE IRREVERSIBLE.
5. GROUNDING SYSTEM COMPONENTS SHALL BE LISTED FOR THEIR PURPOSE, INCLUDING BUT NOT LIMITED TO GROUND RODS, GROUND LUGS, GROUND CLAMPS, ETC.
6. A COPPER-CLAD OR GALVANIZED STEEL GROUND ROD SHALL BE 5/8" X 8' MINIMUM AND MUST BE U.L. APPROVED AND SHALL BE INSTALLED AT EQUIPMENT LOCATIONS AS SHOWN IN THE CONSTRUCTION DRAWINGS. GROUND RODS SHALL BE SEPARATED BY AT LEAST ONE ROD LENGTH FROM EACH OTHER.

ELECTRICAL ABBREVIATIONS

AF	AMPERES FRAME OF BREAKER
AIC	AMPS INTERRUPTING CAPACITY
AMP, A	AMPERES
AT	AMPERE TRIP RATING OF BREAKER
AUTO	AUTOMATIC
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C	CELSIUS
CAB	CABINET
CB	COMBINER BOX
CC	CENTER TO CENTER
CKT	CIRCUIT
CND	CONDUIT
COM	COMMUNICATION
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY (MAGNETICALLY HELD UNLESS NOTED OTHERWISE)
CT	CURRENT TRANSFORMER
CTRL	CONTROL
CU	COPPER
DAS	DATA ACQUISITION SYSTEM
DB	DIRECT BURIAL
DISC	DISCONNECT
DISTR	DISTRIBUTION
DWG	DRAWING
EGC	EQUIPMENT GROUND CONDUCTOR
ELEV	ELEVATION
EMERG	EMERGENCY
ENCL	ENCLOSURE
EQPT	EQUIPMENT
(E)	EXISTING
FDR	FEEDER
FS	FLOW SWITCH
FLEX	FLEXIBLE
FUT	FUTURE
FUP	FUSE, CPT PRIMARY
FUS	FUSE, CPT SECONDARY
GEC	GROUNDING ELECTRODE CONDUCTOR
GFP	GROUND-FAULT PROTECTION
GND	GROUND
HH	HAND HOLE
HOA	HAND-OFF-AUTOMATIC
HTR	HEATER
Hz	HERTZ
IG	ISOLATED GROUND
IND	INDICATION
INSTR	INSTRUMENT
INV.	INVERTER
Isc	SHORT CIRCUIT CURRENT
JB	JUNCTION BOX
k	THOUSAND (KILO)
kV	KILOVOLTS
kW	KILOWATTS
kVA	KILOVOLT AMPERES
kVAR	KILOVOLT AMPERES REACTIVE
kWH	KILOWATT-HOURS
kWHD	KILOWATT HOUR DEMAND METER
LC	LOAD CENTER
LT, LTS	LIGHT, LIGHTS
LTG	LIGHTING
MAX	MAXIMUM
MET	METEOROLOGICAL STATION
MCB	MAIN CIRCUIT BREAKER
MCM, Kcmil	THOUSAND CIRCULAR MILS
MH	MANHOLE
MLO	MAIN LUGS ONLY
MIN	MINIMUM
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
N	NEUTRAL
NC	NORMALLY CLOSED
NO.	NUMBER
NO	NORMALLY OPEN
NP	NAMEPLATE
NTS	NOT TO SCALE
NTRL	NEUTRAL
NCU	NETWORK CONTROL UNIT
OAE	OR APPROVED EQUAL
OL	OVER LOAD
OC	ON CENTER
PB	PULL BOX
PCS	POWER CONVERSION STATION
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNL	PANEL
PNLBD	PANEL BOARD
POI	POINT OF INTERCONNECTION
PRI	PRIMARY
PS	PRESSURE SWITCH
PT	POTENTIAL TRANSFORMER
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
PWR	POWER
REC	RECEPTACLE
RECPTS	RECEPTACLES
REQD	REQUIRED
RSU	REMOTE SENSOR UNIT
SCH	SCHEDULE
SECT	SECTION
SHT	SHEET
SIG	SIGNAL
SM	START CONTACTOR COIL
SP HTR	SPACE HEATER
ST	SHUNT TRIP
STA	STATION
STD	STANDARD
STL	STEEL
STR	STRING
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYS	SYSTEM
SYM	SYMMETRICAL
TC	TRAY CABLE
TCU	TRACKER CONTROL UNIT
TDOD	TIME DELAY ON DE-ENERGIZATION
TEMP	TEMPERATURE
TERM	TERMINAL
TKR	TRACKER
TS	TAMPER SWITCH
TSTAT	THERMOSTAT
TYP	TYPICAL
U/G	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UGPS	UNDERGROUND PULL SECTION
Voc	OPEN CIRCUIT VOLTAGE
W	WATTS
WHM	METER (WATT HOUR METER)
WP	WEATHERPROOF
XFMR	TRANSFORMER
//	PARALLEL

ELECTRICAL SYMBOLS



DISCONNECT SWITCH
CIRCUIT BREAKER
INVERTER
FUSE W/ CURRENT RATING
METER
CONTACTOR OR NO CONTACT, NC CONTACT
MOV LIGHTNING ARRESTOR
EARTH GROUND
THREE PHASE WYE CONNECTED SOLIDLY GROUNDED NEUTRAL
THREE PHASE DELTA CONNECTED
POTENTIAL TRANSFORMER
CURRENT TRANSFORMER
TRANSFORMER
ANSI PROTECTIVE FUNCTION OR RELAY
CIRCUIT CONTINUATION
MOTOR OVERLOAD PROTECTION

REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW

MURPHY SITE MICROTURBINE
2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018
ELECTRICAL NOTES

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JOB NO. 2020.098
SCALE NONE

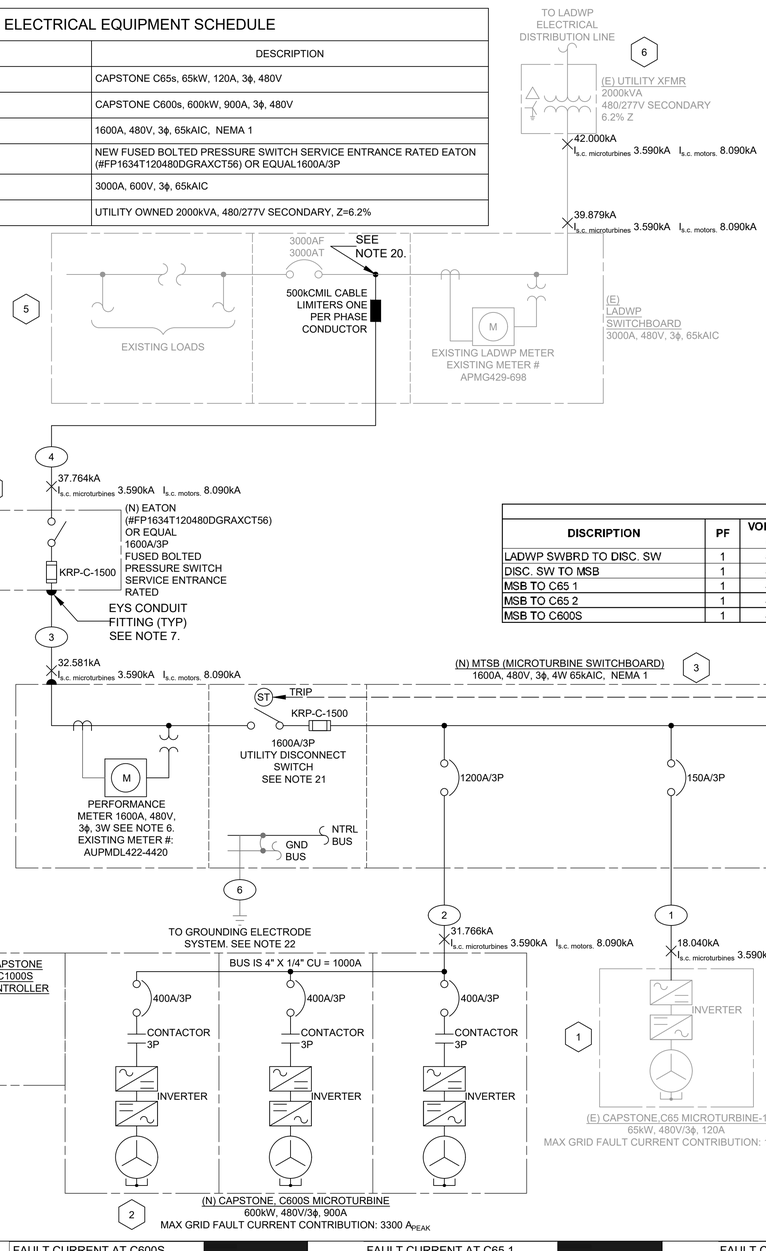
E1

ELECTRICAL EQUIPMENT SCHEDULE

KEY	ITEM	DESCRIPTION
1	EXISTING MICROTURBINES:	CAPSTONE C65s, 65kW, 120A, 3ϕ, 480V
2	NEW MICROTURBINE:	CAPSTONE C600s, 600kW, 900A, 3ϕ, 480V
3	MICROTURBINE SWITCHBOARD:	1600A, 480V, 3ϕ, 65kAIC, NEMA 1
4	BOLTED PRESSURE SWITCH:	NEW FUSED BOLTED PRESSURE SWITCH SERVICE ENTRANCE RATED EATON (#FP1634T120480DGRAXCT56) OR EQUAL1600A/3P
5	LADWP SWITCHBOARD:	3000A, 600V, 3ϕ, 65kAIC
6	TRANSFORMER:	UTILITY OWNED 2000kVA, 480/277V SECONDARY, Z=6.2%

LEGEND

- DISCONNECT SWITCH
- CIRCUIT BREAKER
- INVERTER
- FUSE W/ CURRENT RATING (30A)
- METER
- EARTH GROUND
- THREE PHASE WYE CONNECTED SOLIDLY GROUNDED NEUTRAL
- POTENTIAL TRANSFORMER
- CURRENT TRANSFORMER
- TRANSFORMER
- ANSI PROTECTIVE FUNCTION OR RELAY
- CIRCUIT CONTINUATION



POWER CABLE / CONDUIT SCHEDULE

NO.	CONDUCTORS	NOTES
1	1X[(3) #1 CU THWN-2, (1) #1 CU THWN-2 N, (1) #6 CU THWN-2 G, 1.5" C.]	D
2	3X[(3) #600 KCMIL CU THWN-2, (1) #600 KCMIL CU THWN-2 N, (1) #3/0 CU THWN-2 G, 3.5" C.]	A, C, D
3	4X[(3) #535 KCMIL CU DLO, (1) #313 KCMIL CU DLO G, 4" C.]	A, B, C
4	4X[(3) #535 KCMIL CU DLO, (1) #313 KCMIL CU DLO G, 4" C.]	A, C, D
5	1X[(3) #250 KCMIL CU THWN-2, (2) #500 KCMIL CU THWN-2 N, (1) #4 CU THWN-2 G, 3" C.]	D

NOTES:

A. PARALLEL RUNS IN SEPARATE CONDUIT.
B. USE RMC.
C. IN 24" CABLE TRAY.
D. USE RMC OR EMT

LOAD STUDY:

- NEW MICROTURBINE GENERATION = 900A X 1.25 = 1125A
- EXISTING MICROTURBINE GENERATION = 2 X 120A X 1.25 = 300A
- TOTAL MICROTURBINE GENERATION = 1125A + 300A = 1425A

4X535KCMIL DLO CABLE AMPACITIES:

IN CONDUIT IN FREE AIR PER NEC T310.15(B)(16), 75°C RATING WITHOUT CORRECTION FACTORS = 394A x 4 = 1576A
IN CONDUIT IN FREE AIR PER NEC T310.15(B)(16), 90°C RATING WITH CORRECTION FACTORS = 446A x 4 x 0.96 = 1712.64A
OVER-CURRENT PROTECTIVE DEVICE RATING = 1500A

IN CABLE TRAY PER NEC 392.80(A)(2)(b) & T310.15(B)(17), 75°C RATING WITHOUT CORRECTION FACTORS = 660A x 4 x 0.65 = 1716A
IN CABLE TRAY PER NEC 392.80(A)(2)(b) & T310.15(B)(17), 90°C RATING WITH CORRECTION FACTORS = 747A x 4 x 0.65 X 0.96 = 1864.51A

3X600KCMIL CABLE AMPACITIES:

IN CONDUIT IN FREE AIR PER NEC T310.15(B)(16), 75°C RATING WITHOUT CORRECTION FACTORS = 420A x 3 = 1260A
IN CONDUIT IN FREE AIR PER NEC T310.15(B)(16), 90°C RATING WITH CORRECTION FACTORS = 475A x 3 x 0.96 = 1368A
OVER-CURRENT PROTECTIVE DEVICE RATING = 1200A

IN CABLE TRAY PER NEC 392.80(A)(2)(a) & T310.15(B)(17), 75°C RATING WITHOUT CORRECTION FACTORS = 690A X 3 X 0.70 = 1449A
IN CABLE TRAY PER NEC 392.80(A)(2)(a) & T310.15(B)(17), 90°C RATING WITH CORRECTION FACTORS = 780A X 3 X 0.70 X 0.96 = 1572.48A

AC VOLTAGE DROP CALCULATIONS

DISCRIPTION	PF	VOLTAGE (V)	PHASE	CONDUCTOR SIZE (AWG OR KCMIL)	CONDUIT	# RUNS	CURRENT (A)	LENGTH(FT)	Xl (Ω/1000FT)	XR (Ω/1000FT)	Zc (Ω/1000FT)	VOLTAGE DROP(L-L)	VOLTAGE DROP(%)	TOTAL VOLTAGE DROP(%)
LADWP SWBRD TO DISC. SW	1	480	3	535	EMT	4	1140	35	0.0098	0.0064	0.006	0.442	0.09%	0.09%
DISC. SW TO MSB	1	480	3	535	RMC	4	1140	105	0.0098	0.0064	0.006	1.327	0.28%	0.37%
MSB TO C65 1	1	480	3	1	EMT	1	120	50	0.0460	0.1500	0.150	1.559	0.32%	0.69%
MSB TO C65 2	1	480	3	1	EMT	1	120	60	0.0460	0.1500	0.150	1.871	0.39%	0.76%
MSB TO C600S	1	480	3	600	EMT	3	900	15	0.0130	0.0077	0.008	0.179	0.04%	0.41%

NOTES:

1. AVAILABLE FAULT CURRENT INDICATED WITH "X" INCLUDES CONTRIBUTION FROM UTILITY, MICROTURBINE GENERATOR, AND MOTORS LARGER THAN 50HP.
2. MICROTURBINE IS INVERTER GENERATION MEETING CALIFORNIA RULE 21 AND IEEE 1547 REQUIREMENTS AND IS UL1741 LISTED, PROVIDING VOLTAGE, FREQUENCY, AND ANTI-ISLANDING PROTECTION.
4. GENERATOR DISCONNECTING MEANS SHALL MEET LADWP REQUIREMENTS: SWITCH SHALL HAVE A READILY VERIFIABLE VISUAL AIR GAP TO ASSURE POSTIVE CIRCUIT DISCONNECT AND SHALL BE LOCKABLE IN THE OPEN (OFF) POSITION. UTILITY DISCONNECT SWITCH SHALL HAVE THE LINE SIDE CONNECTED TOWARD THE UTILITY. THE LOAD SIDE OF THE SWITCH (BLADE SIDE) SHALL BE CONNECTED TO THE MICROTURBINE GENERATOR. THE FUSE SHALL BE "COLD SEQUENCED" SO THAT IT IS DE-ENERGIZED FROM THE UTILITY SOURCE WHEN SWITCH IS OPEN. SWITCH SHALL BE ACCESSIBLE AT ALL TIMES TO UTILITY PERSONNEL.
5. THE CUSTOMER SHALL PROVIDE SIGNS AND LABELS IN ACCORDANCE WITH LADWP AND CALIFORNIA ELECTRIC CODE (2017 NEC) REQUIREMENTS. SEE PAGES 8-7 OF THE LADWP ELECTRICAL SERVICES REQUIREMENTS STANDARD: A SIGN AT THE MAIN SERVICE (METER) PANEL LOCATION IDENTIFYING THE COGEN GENERATOR DISCONNECT LOCATION; A SIGN AT THE GENERATOR DISCONNECT IDENTIFYING THE MAIN SERVICE LOCATION; OTHER SIGNS AND LABELS AS REQUIRED BY LADWP OR AUTHORITY HAVING JURISDICTION.
6. UTILITY GENERATOR METERING PER LADWP REQUIREMENTS.
7. PROVIDE LISTED EXPLOSION PROOF CONDUIT SEAL FITTINGS AT TRANSITIONS FROM CLASS 1, DIVISION 2 AREAS TO NON-CLASSIFIED AREAS. OUTSIDE AREAS ARE CONSIDERED CLASS 1, DIVISION 2. LOCATION OF FUSED BOLTED PRESSURE SWITCH AND INSIDE BUILDING ARE CONSIDERED NON-CLASSIFIED.
8. FUSES, CIRCUIT BREAKERS, OR DISCONNECTS PROVIDED BY LADWP ON ITS ELECTRIC SYSTEM SHALL NOT BE USED IN PLACE OF A CUSTOMER'S FUSED SERVICE SWITCH OR BREAKER.
9. NO INTERCONNECTED GENERATING SYSTEM SHALL BE SWITCHED OR OPERATED IN PARALLEL WITH LADWP'S ELECTRIC SYSTEM WITHOUT THE APPROVAL OF THE LADWP.
10. ALL INTERCONNECTED GENERATING SYSTEMS SHALL BE CONNECTED ON THE LOAD SIDE OF THE CUSTOMER'S METER SWITCH (MAIN SERVICE DISCONNECT DEVICE).
11. ALL CUSTOMER-OWNED DEVICES SHALL BE CONNECTED TO THE LOAD SIDE OF THE METER.
12. METER SOCKETS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST REVISION OF AEIC-IEEE-NEMA STANDARDS FOR WATT-HOUR METER SOCKETS (ANSI C12.7) AND UNDERWRITERS LABORATORIES (UL) STANDARD FOR METER SOCKETS (UL414). THE SOCKET RIM TO SOCKET JAW CLEARANCE SHALL NOT BE LESS THAN SPECIFIED BY ANSI C12.7 (0.500 INCH) OR MORE THAN 0.690 INCH.
13. WHERE THE MAXIMUM RATING OF THE METER SWITCH EXCEEDS 250 AMPERES, A CURRENT-TRANSFORMER BOX OR A SWITCHBOARD SERVICE SECTION WITH AN INSTRUMENT-TRANSFORMER COMPARTMENT IS REQUIRED.
14. THE CUSTOMER SHALL NOT CONNECT ANY CONDUCTOR TO THE SOCKET TERMINALS FOR ANY INSTRUMENT-TRANSFORMER RATED METER INSTALLATION.
15. METER-SOCKET BOXES AND CURRENT-TRANSFORMER BOXES SHALL NOT BE USED AS PULL OR JUNCTION BOXES EXCEPT AS SPECIFICALLY PERMITTED IN THESE REQUIREMENTS. CONNECTIONS SHALL NOT BE MADE IN ANY OF THESE BOXES TO SUPPLY ANY OTHER METER.
16. CUSTOMER-OWNED FUSES OR OTHER PROTECTIVE DEVICES SHALL NOT BE INSTALLED BETWEEN THE METER SOCKET AND LADWP'S ELECTRIC METER.
17. THE CUSTOMER SHALL FURNISH AND INSTALL A SERVICE DISCONNECT DEVICE (METER SWITCH) SUCH AS A CIRCUIT BREAKER, FUSED SWITCH, OR OTHER APPROVED DISCONNECTING DEVICE WITH OVER-CURRENT PROTECTION ON THE LOAD SIDE OF THE METER.
18. METER AND SERVICE EQUIPMENT SHALL BE PROVIDED WITH A MANUFACTURER'S LABEL IDENTIFYING THE METERED VOLTAGE, PHASE, AMPACITY AND RATED SHORT-CIRCUIT DUTY (WHEN APPLICABLE).
19. METER AND SERVICE EQUIPMENT SHALL BE PROVIDED WITH A LABEL IDENTIFYING THE NATIONALLY RECOGNIZED TESTING LABORATORY THAT HAS TESTED AND LISTED THE EQUIPMENT.
20. AHJ TYPICALLY REQUIRES BUS CONNECTION TO BE CERTIFIED BY LISTING AGENCY SUCH AS UL OR INTERTEK.
21. 24/7 UTILITY ACCESSIBLE UTILITY AC DISCONNECT SWITCH WITH A READILY VERIFIABLE VISUAL AIR GAP, A LADWP STANDARD PADLOCK, AND A VIEWING WINDOW. SEE LADWP'S ESR SECTION 9-6.
22. ALL GROUNDING ELECTRODES AS DESCRIBED IN NEC 250.52(A)(1) THROUGH (A)(7) THAT ARE PRESENT AT THE BUILDING SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM. THIS INCLUDES METAL UNDERGROUND WATER PIPE, METAL IN-GROUND SUPPORT STRUCTURE, CONCRETE-ENCASED ELECTRODE, GROUND RING, GROUND RODS, ETC.

FAULT - X1
$I_{s.c.\ (L\text{-}L\text{-}L)}$ 42,000 AMPS
$I_{s.c.\ microturbines}$ 3,590 AMPS $I_{s.c.\ motors}$ 8,090 AMPS
$I_{total\ s.c.\ (L\text{-}L\text{-}L)}$ 53,680 AMPS
Voltage (L-L) 480 V

CONDUCTOR RUN - C1
LENGTH 75 FT
SIZE 500
QTY (per phase) 8
TYPE Three Single Conductors
CONDUIT Nonmagnetic
WIRE Cu, 600 V

FAULT CURRENT AT LADWP SWBRD
$I_{s.c.\ (L\text{-}L\text{-}L)}$ 39,879 AMPS
$I_{s.c.\ microturbines}$ 3,590 AMPS $I_{s.c.\ motors}$ 8,090 AMPS
$I_{total\ s.c.\ (L\text{-}L\text{-}L)}$ 51,559 AMPS
Voltage (L-L) 480 V

MOTOR CONTRIBUTION - M1
MOTOR $_{VOLTAGE}$ 480 V
MOTOR $_{F.L.A.}$ 2,022 AMPS
MOTOR CONTRIBUTION 8,090 AMPS

FAULT CURRENT AT DISCONNECT SWITCH

LENGTH :- 35 FT
SIZE :- 535
QTY (PER PHASE) :- 4
TYPE :- THREE SINGLE CONDUCTORS
CONDUIT :- STEEL

$f = (1.73 \times L \times I_{S.C.})/(C \times n \times V_{LL})$
$f = (1.73 \times 35 \times 39879)/(22458 \times 4 \times 480)$
$f = 0.055999752$
$M = 1/(1+f)$
$M = 0.946969919$
$I_{S.C.} = 0.946969919 \times 39879$
$I_{S.C.} = 37.764kA$
$I_{S.C.\ MOTOR} = 8.090kA$ $I_{S.C.\ MICROTURBINES} = 3.590kA$
$I_{S.C.\ TOTAL} = 49.444kA$

FAULT CURRENT AT MTSB

LENGTH :- 105 FT
SIZE :- 535
QTY (PER PHASE) :- 4
TYPE :- THREE SINGLE CONDUCTORS
CONDUIT :- STEEL

$f = (1.73 \times L \times I_{S.C.})/(C \times n \times V_{LL})$
$f = (1.73 \times 105 \times 37764)/(22458 \times 4 \times 480)$
$f = 0.159090241$
$M = 1/(1+f)$
$M = 0.862745595$
$I_{S.C.} = 0.862745595 \times 37764A$
$I_{S.C.} = 32.581kA$
$I_{S.C.\ MOTOR} = 8.090kA$ $I_{S.C.\ MICROTURBINES} = 3.590kA$
$I_{S.C.\ TOTAL} = 44.261kA$

FAULT CURRENT AT C600S
LENGTH 15 FT
SIZE 600
QTY (per phase) 3
TYPE Three Single Conductors
CONDUIT Steel
WIRE Cu, 600 V

FAULT - X2
$I_{s.c.\ (L\text{-}L\text{-}L)}$ 31,766 AMPS
$I_{s.c.\ microturbines}$ 3,590 AMPS $I_{s.c.\ motors}$ 8,090 AMPS
$I_{total\ s.c.\ (L\text{-}L\text{-}L)}$ 43,446 AMPS
Voltage (L-L) 480 V

FAULT CURRENT AT C65 1
LENGTH 50 FT
SIZE 1
QTY (per phase) 1
TYPE Three Single Conductors
CONDUIT Steel
WIRE Cu, 600 V

FAULT - X2
$I_{s.c.\ (L\text{-}L\text{-}L)}$ 18,040 AMPS
$I_{s.c.\ microturbines}$ 3,590 AMPS $I_{s.c.\ motors}$ 8,090 AMPS
$I_{total\ s.c.\ (L\text{-}L\text{-}L)}$ 29,720 AMPS
Voltage (L-L) 480 V

FAULT CURRENT AT C65 2
LENGTH 60 FT
SIZE 1
QTY (per phase) 1
TYPE Three Single Conductors
CONDUIT Steel
WIRE Cu, 600 V

FAULT - X2
$I_{s.c.\ (L\text{-}L\text{-}L)}$ 16,561 AMPS
$I_{s.c.\ microturbines}$ 3,590 AMPS $I_{s.c.\ motors}$ 8,090 AMPS
$I_{total\ s.c.\ (L\text{-}L\text{-}L)}$ 28,241 AMPS
Voltage (L-L) 480 V

REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW
1	03/11/22	EZ	EZ	AFH	FOR REVIEW
2	03/18/22	EZ	EZ	AFH	FOR REVIEW
3	04/13/22	EZ	EZ	AFH	FOR REVIEW

MURPHY SITE MICROTURBINE
2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018

ONE-LINE DIAGRAM

ANDREW HUMPHREY ENGINEERING
PO Box 18426 • Golden, CO 80402 • 303.990.5976
www.AndrewHumphreyEngineering.com

JOB NO. 2020.098
SCALE NONE

E2

E3

JOB NO 2020.098

SCALE AS SHOWN

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MURPHY SITE MICROTURBINE

2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018

SITE PLAN

REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW

REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW

MURPHY SITE MICROTURBINE

2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018

ELECTRICAL PLAN

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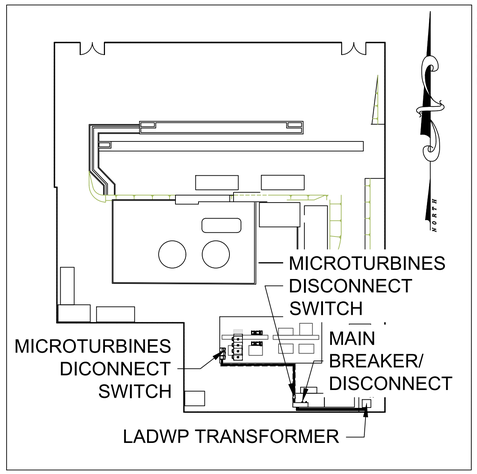
2020.098	AS SHOWN

E4

SWITCHBOARD LADWP



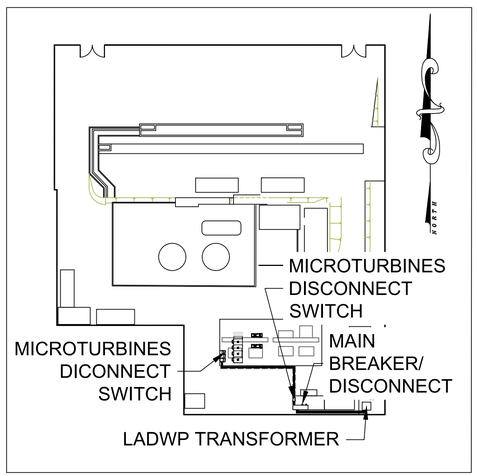
6.5"X6.5"
3/16" TEXT HEIGHT
WHITE BACKGROUND, BLACK GRAPHIC & TEXT
QTY: 1
LOCATION: AT SWITCHBOARD LADWP
NEC 705.10

⚠ WARNING

THIS EQUIPMENT IS FED BY TWO POWER SOURCES FROM UTILITY AND MICROTURBINES.

6"X2"
3/8" & 3/16" TEXT HEIGHT
SAFETY ORANGE BACKGROUND, BLACK TEXT
QTY: 1
LOCATION: FRONT SURFACE OF LADWP SWITCHBOARD

SWITCHBOARD MTSB



6.5"X6.5"
3/16" TEXT HEIGHT
WHITE BACKGROUND, BLACK GRAPHIC & TEXT
QTY: 1
LOCATION: AT SWITCHBOARD LADWP
NEC 705.10

⚠ WARNING

THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE SHALL NOT EXCEED AMPACITY OF BUSBAR.

6"X2.25"
3/8" & 3/16" TEXT HEIGHT
SAFETY ORANGE BACKGROUND, BLACK TEXT
QTY: 1
LOCATION: FRONT SURFACE OF SWITCHBOARD MTSB SECTION - 3
NEC 705.12(B)(2)(3)

⚠ WARNING

THIS EQUIPMENT IS FED BY TWO POWER SOURCES FROM UTILITY AND MICROTURBINES.

6"X2"
3/8" & 3/16" TEXT HEIGHT
SAFETY ORANGE BACKGROUND, BLACK TEXT
QTY: 1
LOCATION: FRONT SURFACE OF SWITCHBOARD MTSB SECTION - 3

REV	DATE	DWN.	ENG.	CHK.	DESCRIPTION
0	02/24/22	EZ	EZ	AFH	FOR REVIEW

MURPHY SITE MICROTURBINE
2126 WEST ADAMS BLVD, LOS ANGELES, CALIFORNIA 90018

PLACARDS

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JOB NO. 2020.098 | SCALE NONE

E5

Los Angeles Department of Water & Power
BUILDING A STRONGER L.A.

Karen Bass, Mayor

Board of Commissioners
Cynthia McClain-Hill, President
Cynthia M. Ruiz, Vice President
Mia Lehrer
Nicole Neeman Brady
Nurit Katz
Chante L. Mitchell, Secretary

Martin L. Adams, General Manager and Chief Engineer

June 01, 2023

Mr. Samuel Layton
E&B Natural Resources Management Corporation
1600 Norris Rd
Bakersfield, CA 93308

Dear Mr. Layton:

Subject: Customer-Owned Parallel Generating System Interconnection Commitment
2126 W Adams Blvd, Los Angeles, CA 90018 - Murphy site microturbine
Project No. P291777 / Work Request No. 2201583

This letter confirms our approval to interconnect your 730kW AC Cogen System. Please install all facilities in accordance with the Los Angeles Department of Water and Power's (LADWP) Electric Service Requirements and the enclosed LADWP single line diagram 20C0079.

The maximum available fault current at the 3000A, 480V, 3Ø-3W underground service is estimated to be 41,500A amperes.

Contact the Electric Service Representative (ESR) for Area 398 at (213) 367-6217 for inspection of signage, meter equipment, lockable visible open disconnect, performance meter, access, and to spot disconnect location. Refer to the LADWP Electric Service Requirements Section 8 for parallel generating systems.

The LADWP single line diagram 22C0008 is to be laminated and visibly located at the main meter panel. Consult with the ESR for Area 398 for a location prior to posting.

You can track your jobs on our website at http://wmisweb.ladwp.com/powerwmis.

This commitment is valid for six months. If you have any questions regarding these requirements or if you wish to discuss any design changes, please contact our design engineer Mr. Biniam Tesfagiyorgis, at (818) 771-3681.

Sincerely,

Luis Nunezuribe
Luis Nunezuribe
Electrical Engineer, PV & BESS Design

c: Biniam Tesfagiyorgis, ESR Area 398 DL