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Document Title:	Letter from Francisco Escobedo to Mary Dyas re Condition of
	Certification COM-7, 2018 Annual Operations Report, dated 3-26-18
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### GE

Power

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March 26, 2018

Ref. No. GE/IEEC – 1023

Ms. Mary Dyas Compliance Project Manager Docket Number – 01-AFC-17 California Energy Commission 1516 Ninth Street (MS-2000) Sacramento, CA 95814

### Subject: Inland Empire Energy Center, LLC Condition of Certification – COM-7 2018 Annual Operations Report

Dear Mr. Ali,

Enclosed is the Annual Operations Report for 2018 pursuant to the requirements of COM-7 of the California Energy Commission's Conditions of Certification for the Inland Empire Energy Center, LLC (IEEC).

This Annual Operations Report contains the following:

- Attachment 1: Condition of Certification Status.
- Attachment 2: 2018 Project Operating Status
- Attachment 3: AQ-4, BIO-2, HAZ-1, S&W 4-5, VIS-2, -5,-8 and Waste-5
- Attachment 4: Listing of all Post-COD approved changes
- Attachment 5: Submittal Deadline Summary
- Attachment 6: Government Agency Filings
- Attachment 7: 2018 Project Compliance Activity Summary
- Attachment 8: 2018 "e-Filings" Compliance Submittal Summary
- Attachment 9: COM-13-14 Plan Update

- Attachment 10: 2018 Complaint, NOV, Warning and Citation Summary
- Attachment 11: DTSC Monthly Submittals

Please contact me at (951) 928-5941 if you have any questions regarding this report.

Sincerely,

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Francisco Escobedo Director, Asset Management

Attachments

cc: Jason Taylor – GE File

### Attachment 1

### Condition of Certification (COC) Status

### All COC's were met in 2018

**Compliance Matrix included as Attachment 1** 

#### Inland Empire Energy Center CEC Conditions of Certification

				COC Revision Date
Condition No.	Sort Code	Description	Verification	
AQ-1	OPS	Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition. (SCAQMD F9-1)	The project owner shall document any known opacity violations in the Quarterly Operation Report (AQ-SC8). The project owner shall make the site available for inspection by representatives of the District, CARB, EPA and the Commission.	06/22/05
AQ-2	CONS	The operator shall operate and maintain this equipment according to the following requirements: Within12 months of permit issuance, the Permittee will sign a Memorandum of Understanding with the U.S. Forest Service to participate in a visibility monitoring project, the results of which will be used to establish a visibility baseline in nearby Class 1 Areas. (SCAQMD E193-3)	The project owner shall make the U.S. Forest Service Memorandum of Understanding available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-3	CONS	The operator shall not burn diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier. (SCAQMD F14-1)	The project owner shall make fuel oil purchase, MSDS or other fuel supplier records containing diesel fuel sulfur content available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-4	OPS	Accidental release prevention requirements of Section 112(r)(7): a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the SCAQMD Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP). b). The operator shall submit any additional relevant information requested) by the Executive Officer or designated agency. (SCAQMD F24-1)	The project owner shall submit to the District and the CPM the documents listed above as part of an annual compliance certification.	06/22/05
Conditions AQ- 5 through AQ- 28 apply per Turbine/HRSG Unit				
AQ-5	CONS	The operator shall install and maintain a flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH3). The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD_D12-1)	The project owner shall make the site available for inspection of the ammonia flow meter and ammonia flow records by representatives of the District, CARB and the Commission.	06/22/05
AQ-6	CONS	The operator shall install and maintain a temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor. The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD D12-2)	The project owner shall make the site available for inspection of the temperature gauge on the inlet to the SCR and the continuous temperature records by representatives of the District, CARB and the Commission.	06/22/05
AQ-7	CONS	The operator shall install and maintain a pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches water column. The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD D12-3)	The project owner shall make the site available for inspection of the SCR catalyst bed differential pressure gauge and the differential pressure records by representatives of the District, CARB and the Commission.	06/22/05
AQ-8	СОММ	The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. The District shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (CFH), the flue gas flow rate, and the combined gas turbines and steam turbine generating output in MW shall also be recorded if applicable. The test shall be conducted to the AQMD engineer no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures. For gas samples are extracted into Summa canisters, maintaining a final canister pressure between 400 - 500 mm Hg absolute, b) Pressurization of Summa canisters is done with zero gas analyzed/certified to containing less than 0.05 ppmv total hydrocarbons as carbon, and c) Analysis of Summa canisters is per EPA Method TO-12 (with pre-concentration) and the temperature of the Summa canisters when extracting samples for analysis is not to be below 70 degrees F. The use of this alternative VOC test	The project owner shall submit the proposed protocol for the initial source tests 45 days prior to the proposed source test date to the District for approval and to the CPM for review. The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test date and time. The project owner shall submit source test results no later than 60 days following the initial source test date to both the District and CPM.	04/11/07

level of 2.0 ppm calculated as carbon for natural gas fired turbines. Because the BACT level was set using data derived from various source test methods, this alternate method provides a fair comparison and represents the best sampling and analysis technique for this purpose at this time. The test results must be reported with two significant digits. The test shall be conducted when this equipment is operating at loads of 100, 75, and 50 (50 percent or the minimum compliant load achieved) percent of maximum load for the NOx, CO, VOC, and ammonia tests. The PM test shall be conducted when this equipment is operating at 100% of maximum load. All testing for this equipment shall be conducted in TRIPLICATE. The test shall be conducted when this equipment is operating at 100 percent of maximum load for the PM test. (SCAQMD D29-1)

				COC Revision
Condition No.	Sort Code	Description	Verification	Date
AQ-9	OPS	The test(s) shall be conducted at least once every three years. The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted when the gas turbine is operating at 100 percent of maximum heat input_Testing for this equipment shall be conducted in TRIPLICATE. For gas turbines only the VOC test shall use the following test method: a) Stack gas samples are extracted into Summa canisters, maintaining a final canister pressure between 400 - 500 mm Hg absolute, b) Pressurization of Summa canisters is done with zero gas analyzed/certified to containing less than 0.05 ppmv total hydrocarbons as carbon, and c) Analysis of Summa canisters is per EPA Method TO-12 (with pre-concentration) and the temperature of the Summa canisters when extracting samples for analysis is not to be below 70 degrees F. The use of this alternative VOC test method is solely for the determination of compliance with the VOC BACT level of 2.0 ppmv calculated as carbon for natural gas fired turbines. Because the BACT level was set using data derived from various source test methods, this alternate method provides a fair comparison and represents the best sampling and analysis technique for this purpose at this time. The test results must be reported with two significant digits. The test shall be conducted to demonstrate compliance with the Rule 1303 concentration and/or monthly emissions limit. (SCAQMD D29-2)	The project owner shall submit the proposed protocol for the triennial source tests 45 days prior to the proposed source test date to the District for approval and to the CPM for review. The project owner shall notify the District and CPM no later than 10 days prior to the proposed source test date and time. The project owner shall submit source test results no later than 60 days following the source test date to both the District and CPM.	04/11/07
AQ-10	СОММ	The operator shall conduct source test(s) for the pollutants identified below [ NH3 emissions].The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test. The test(s) shall be conducted at least quarterly during the first twelve months of oper+C17ation and at least annually thereafter. The NOx concentration, as determined by the certified CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable or not yet certified, a test shall be conducted to determine the NOx emissions using District Method 100.1 measured over a 60 minute averaging time period. The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit. (SCAQMD D29-3)	The project owner shall submit the proposed protocol for the ammonia slip source tests 30 days prior to the proposed source test date to the District for approval and to the CPM for review. The project owner shall notify the District and CPM no later than ten days prior to the proposed source test date and time. The project owner shall submit source test results no later than 60 days following the source test date to both the District and CPM.	04/11/07
AQ-11	СОММ	The operator shall provide to the District a source test report (see <b>AQ-8</b> , <b>AQ-9</b> , and <b>AQ-10</b> ) in accordance with the following specifications: Source test results shall be submitted to the District no later than 60 days after the source test was conducted. Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen (dry basis), mass rate (lb/hr), and lbs/MM cubic feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF. All exhaust flow rates shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM). All moisture concentration shall be expressed in terms of percent oxygen levels in the exhaust, the fuel flow rate (CFH), the flue gas temperature, and the generator power output (MW) under which the test was conducted. (SCAQMD K40-1)	See verifications for Conditions AQ-8, AQ-9, and AQ-10.	04/11/07
AQ-12	OPS	The operator shall not use natural gas containing the following specified compounds: Compound (H2S) Grains per 100 scf (Greater than 0.25) This concentration limit is an annual average based on monthly sample of natural gas composition or gas supplier documentation. (SCAQMD B61-1)	The project owner shall submit to the CPM and APCO turbine fuel data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	06/22/05
AQ-13	OPS	For the purpose of this condition, the limits shall be based on the emissions from each gas turbine. The operator shall calculate the emissions limits(s) by using monthly fuel use data and the following emission factors: PM10 2.93 lbs/mmscf, Sox 0.71 lbs/mmscf. The operator shall calculate the emission limit(s) by using monthly fuel use data and the following emission factors: VOC 1.79 lb/mmscf for normal operations, VOC 12.29 lb/mmscf for startups. The operator shall calculate the emission factor: 22.19 lb/mmscf. The operator shall calculate the following emission factor: 22.19 lb/mmscf. The operator shall calculate the emission limit(s) for CO, during the commissioning period, using fuel consumption data and the following emission factor: 4.48 lb/mmscf. The operator shall calculate the emissions limits(s) for CO, after the CO CEMS certification, based on readings from the certified CEMS. In the event the CO CEMS is not operating or the emissions exceed the valid upper range of the analyzer, the emission shall be calculated in accordance with the approved CEMS plan. (SCAQMD A63-1)	The project owner shall submit to the CPM and APCO turbine emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-14	СОММ	The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s): Natural gas fuel use during the commissioning period. (SCAQMD K67-1)	The project owner shall make the site available for inspection of the commissioning period natural gas usage data by representatives of the District, CARB and the Commission.	06/22/05
AQ-15	CONS	The operator shall install and maintain a CEMS to measure the following parameters: CO concentration in ppmv. Concentrations shall be corrected to 15 percent oxygen on a dry basis. The CEMS will convert the actual CO concentrations to mass emission rates (lb/hr) and record the hourly emission rates on a continuous basis. The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD. The CEMS shall be installed and operated to measure CO concentration over a 15 minute averaging time period. The CEMS shall be installed and submitted to the AQMD within 90 days of the conclusion of the turbine commissioning period. (SCAQMD D82-1)	The CEMS shall be installed and in operation after initial startup of the turbine. and Rule 218 testing shall be completed and submitted to the AQMD at the conclusion of the turbine commissioning period The project owner shall provide the CPM documentation of the Districts approval of the CEMS, within 15 days of its receipt. The project owner shall make the site available for inspection of the CEMS by representatives of the District, CARB and the Commission.	04/11/07

				COC Revision Date
Condition No.	Sort Code	Description	Verification	
AQ-16	CONS	The operator shall install and maintain a CEMS to measure the following parameters: NOx concentration is expressed in ppmv. Concentrations shall be corrected to 15 percent oxygen on a dry basis. The CEMS shall be installed and operating no later than 12 months after initial start-up of the turbine and shall comply with the requirements of Rule 2012. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within two weeks of the turbine startup date, the operator shall provide written notification to the District of the exact date of start-up. The CEMS shall be installed and in operation within 90 days after initial startup of the turbine. Rule 2012 provisional RATA testing shall be completed and submitted to the AQMD within 90 days of the conclusion of the turbine commissioning period. (SCAQMD D82-2)	The CEMS shall be installed and in operation after initial startup of the turbine. Rule 2012 provisional RATA testing shall be completed and submitted to the AQMD at the conclusion of the turbine commissioning period. The project owner shall provide the CPM documentation of the Districts approval of the CEMS, within 15 days of its receipt. The project owner shall make the site available for inspection of the CEMS by representatives of the District, CARB and the Commission.	04/11/07
AQ-17	СОММ	The 68.26 lbs/mmscf NOx emission limit(s) shall only apply during the turbine commissioning period. (SCAQMD A99-1)	The project owner shall submit, commencing one month from the time of gas turbine first fire, a monthly commissioning status report throughout the duration of the commissioning phase that demonstrates compliance with this condition and the emission limits of Condition AQ-13. The monthly commissioning status report shall include criteria pollutant emission estimates for each commissioning activity and total commissioning emission estimates. The monthly commissioning status report shall be submitted to the CPM until the report includes the completion of the initial commissioning activities. The project owner shall make the site available for inspection of the commission.	04/11/07
AQ-18	СОММ	The operator shall operate and maintain this equipment according to the following requirements: The commissioning period shall not exceed 738 hours of operation for both turbines. Startup/shutdown time shall not exceed 4 hours per day per gas turbine, except for a cold startup and combustor-tuning activities, which shall not exceed 6 hours per day per gas turbine. A cold startup shall be defined as a startup of the gas turbine after 72 hours of non-operation. Combustor-tuning activities shall be defined as all testing, adjusting, tuning, and calibration activities recommended by the turbine manufacturer to ensure safe, reliable, and in-specification operation of the turbine. Startup/shutdown and combustor-tuning activity emissions shall not exceed 408 lbs/hr NOx and 800 lbs/hr CO averaged for the duration of the startup. The startup/shutdown and combustor-tuning activity emissions shall not exceed 803 lbs/event NOx and 2000 lbs/event CO. Monthly startup/shutdown time shall not exceed 31 hours. Shutdown time does not include non-operation time. The operator shall provide the AQMD with written notification of the initial startup date. Written records of commissioning, startups, shutdowns, and combustor- tuning activities shall be maintained and made available upon request from AQMD. (SCAQMD E193-2)	The project owner shall submit to the CPM the final commissioning status report as in Condition AQ-17. The project owner shall provide startup/shutdown and combustor-tuning activity occurrence, duration, and emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8). The project owner shall make the site available for inspection of the commissioning, start-up/shutdown, and combustor tuning activity records by representatives of the District, CARB and the Commission.	12/15/10
AQ-19	OPS	The 7.36 lbs/mmscf NOx emission limit(s) shall only apply during the interim reporting period after the commissioning period to report RECLAIM emissions. (SCAQMD A99-3)	The project owner shall submit to the CPM and APCO turbine emissions data demonstrating compliance with this condition through the use of the required RECLAIM emission factor, as appropriate, as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-20	OPS	For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour. (SCAQMD E179-1) Condition AQ-5 (SCAQMD D12-1) Condition AQ-6 (SCAQMD D12-2)	See verifications for Conditions AQ-5 and AQ-6.	04/11/07
AQ-21	OPS	For the purpose of the following condition number(s), "continuously record" shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month. (SCAQMD E179-2) Condition <b>AQ-7</b> (SCAQMD D12-3)	See verification for Condition AQ-7.	04/11/07
AQ-22	OPS	The 2.0 ppmv NOx emission limit(s) is averaged over 1 hour at 15 percent oxygen, dry basis. The limit shall not apply to turbine commissioning, combustor-tuning activities, startup and shutdown periods. The limit shall not apply to the first fifteen 1-hour average NOx emissions above 2.0 ppmv, dry basis at 15% O2, in any rolling 12-month period for each combustion gas turbine provided that it meets all of the following requirements: A. This equipment operates under any one of the qualified conditions described below: a) Rapid combustion turbine load changes due to the following conditions: •Load changes initiated by the California ISO or a successor entity when the plant is operating under Automatic Generation Control; or •Activation of a plant automatic safety or equipment protection system which rapidly decreases turbine load b) The first two 1-hour reporting periods following the initiation/shutdown of the inlet air chilling system. Events as the result of technological limitation identified by the operator and approved in writing by the AQMD Executive Officer or his designees B. The 1-hour average NOx emissions above 2.0 ppmv, dry basis at 15% O2, did not occur as a result of operator neglect, improper operation or maintenance, or qualified breakdown under Rule 2004(i). C. The qualified operating conditions described in (A) above are recorded in the plant's operating log within 24 hours of the event, and in the CEMS by 5 p.m. the next business day following the qualified operating condition. The notations in the log and CEMS must describe the date and time of entry into the log/CEMS and the plant operating conditions responsible for NOx emissions exceeding the 2.0 ppm 1-hour average limit. D. The 1-hour average NOx concentration for periods that result from a qualified operating condition does not exceed 25 ppmv, dry basis at 15 percent O2. All NOx emissions during these events shall be included in all calculations of hourly, daily, and annual mass emission rates as required by this permit. (SCAQMD A195-1)	The project owner shall submit to the CPM and APCO turbine CEMS emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-23	OPS	The 3.0 ppmv CO emission limit(s) is averaged over 1 hour at 15 percent oxygen, dry basis. This limit shall not apply to turbine commissioning, combustor-tuning activities, startup and shutdown periods. (SCAQMD A195- 2) The 2.0 ppmv VOC emission limit(s) is averaged over 1 hour at 15 percent	The project owner shall submit to the CPM and APCO turbine CEMS emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8). See verifications for Conditions AQ-8 and AQ-9.	04/11/07
AQ-24	OPS	oxygen, dry basis. This limit shall not apply to turbine commissioning, combustor-tuning activities, startup and shutdown periods. (SCAQMD A195- 3)		0.4/4 : /25
AQ-25	OPS	The 5 ppmv NH3 emissions limit <u>(</u> s) is averaged over 1 hour at 15 percent oxygen, dry basis. (SCAQMD A195-7)	See verification for Conditions AQ-8, AQ-10, and AQ-26.	04/11/07

Condition No.	Sort Code	Description	Verification	COC Revision Date
AQ-26	CONS	The operator shall operate and maintain this equipment according to the following requirements: The operator shall calculate and continuously record the NH3 slip concentration using the following: NH3 (ppmvd) = [a-b*(c*1.2)/1E6]*1E6/b, where a=NH3 injection rate (lb/hr)/17(lb/lb-mol), b=dry exhaust flow rate (scf/hr)/(385.5 scf/lb-mol), c=change in measured NOx across the SCR, ppmvd at 15 percent O2. The operator shall install a NOx analyzer to measure the SCR inlet NOx ppm accurate to within +/- 5 percent calibrated at least once every 12 months. The operator shall use the method described above or another alternative method approved by the Executive Officer. The ammonia slip calculation procedures described above shall not be used for compliance determination or emission information determination without corroborative data using an approved reference method for the determination of ammonia. The ammonia slip calculation procedure shall be in-effect no later than 90 days after initial startup of the turbine. (SCAQMD E193-4)	The project owner shall provide the CPM documentation of the District's approval. The project owner shall make the site available for inspection of the monitoring records by representatives of the District, CARB and the Commission. The project owner shall submit to the CPM emissions data generated by the calculation procedure as part of the Quarterly Operation Report ( <b>AQ-SC8</b> ).	04/11/07
AQ-27	OPS	This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase. To comply with this condition, the operator shall prior to the first compliance year hold a minimum NOx RTCs of 165,612 lbs for the initial gas turbine plus 152,218 lbs for the second gas turbine. This condition shall apply during the first twelve months of operation, commencing with the initial operator of each gas turbine. To comply with this condition, the operator shall, prior to the beginning of all years subsequent to the first compliance year, hold a minimum NOx RTCs of 158,943 lbs for each gas turbine. In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the first compliance year. (SCAQMD I296-1 and I296-2)+C41	The project owner shall submit to the CPM copies of all RECLAIM reports filed with the District demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-28	СОММ	For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. (SCAQMD <u>A</u> 327-1)	See verifications for Conditions AQ-8 and AQ-9.	06/22/05
Conditions AQ- 29 through AQ- 47 apply to Auxiliary Boiler and SCR				
AQ-29	CONS	The operator shall install and maintain a flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH3). The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD <u>D</u> 12-1)	The project owner shall make the site available for inspection of the ammonia flow meter and ammonia flow records by representatives of the District, CARB and the Commission.	06/22/05
AQ-30	CONS	The operator shall install and maintain a temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor. The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD <u>D</u> 12-2)	The project owner shall make the site available for inspection of the temperature gauge on the inlet to the SCR and the continuous temperature records by representatives of the District, CARB and the Commission.	06/22/05
AQ-31	CONS	The operator shall install and maintain a pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches water column. The operator shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every twelve months. (SCAQMD <u>D</u> 12-3)	The project owner shall make the site available for inspection of the SCR catalyst bed differential pressure gauge and the differential pressure records by representatives of the District, CARB and the Commission.	06/22/05
AQ-32	СОММ	The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. The District shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. The District shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. The District shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (CFH) and the flue gas flow rate. The test shall be conducted. The protocol shall be submitted to the AQMD engineer no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions of the auxiliary boiler during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures. The test shall be conducted when this equipment is operating at 100 percent of maximum load for the NOx, CO, VOC and ammonia tests. (SCAQMD D29-4).	The project owner shall submit the proposed protocol for the initial source tests 45 days prior to the proposed source test date to the District for approval and to the CPM for review. The project owner shall submit source test results no later than 60 days following the source test date to both the District and CPM. The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test date and time.	04/11/07
AQ-33	СОММ	The operator shall conduct source test(s) for the pollutant(s) identified below. Pollutant(s) to be tested Required Test Method(s) Averaging Time Test Location NH3 emissions District Method 207.1 and 5.3 or EPA Method 17 1 hour Outlet of the SCR The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter. The NOx concentration, as determined by the certified CEMS, shall be simultaneously recorded during the amnonia slip test. If the CEMS is inoperable or not yet certified, a test shall be conducted to determine the NOx emissions using District Method 100.1 measured over a 60 minute averaging time period. The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit. (SCAQMD <u>D</u> 29-3)	The project owner shall submit the proposed protocol for the source tests 30 days prior to the proposed source test date to the District for approval and to the CPM for review. The project owner shall notify the District and CPM no later than ten days prior to the proposed source test date and time. The project owner shall submit source test results no later than 45 days following the source test date to both the District and CPM.	06/22/05

				COC Revision Date
Condition No.	Sort Code	Description	Verification	
AQ-34	СОММ	The operator shall provide to the District a source test report (see AQ- 32 and AQ-33) in accordance with the following specifications: -Source test results shall be submitted to the District no later than 60 days after the source test was conducted. -Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM cubic feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF. -All exhaust flow rates shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM). -All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen. Source test results shall also include the oxygen levels in the exhaust, the fuel flow rate (CFH), the flue gas temperature, and the generator power output (MW) under which the test was conducted. (SCAQMD K40-2	See verifications for Conditions AQ-32 and AQ-33	06/22/05
AQ-35	OPS	The operator shall limit the fuel usage to no more than 29.24 mmscf per month. To comply with this condition, the operator shall install and maintain a non-resettable totalizing fuel meter to accurately indicate the fuel usage of the auxiliary boiler. (SCAQMD C1-2)	The project owner shall submit to the CPM and APCO the auxiliary boiler operations data demonstrating compliance with this condition as part $\overline{ot}$ the Quarterly Operation Report (AQ-SC8). The project owner shall make the auxiliary boiler available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-36	OPS	The operator shall calculate the emission <b>limit(s)</b> by using monthly fuel use data and the following emission factors: CO 36.92 lb/mmscf, PM10 7.26 lbs/mmscf, VOC 4.22 lbs/mmscf, SOx 0.71 lbs/mmscf. The operator shall calculate the emission <b>limit(s)</b> for CO, after the CO CEMS certification, based on readings from the certified CEMS. In the event the CO CEMS is not operating or the emissions exceed the valid upper range of the analyzer, the emissions shall be calculated in accordance with the approved CEMS plan. (SCAQMD A63-2)	The project owner shall submit to the CPM and APCO boiler emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-37	CONS	The operator shall install and maintain a CEMS to measure the following parameters: • CO concentration in ppmv. Concentrations shall be corrected to 3 percent oxygen on a dry basis. The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis. The CEMS shall be installed and operated, in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD. The CEMS shall be installed and operated to measure CO concentration over a 15 minute averaging time period. The CEMS shall be installed and operating no later than 90 days after initial startup of the boiler. (SCAQMD <u>D</u> 82-3)	The project owner shall provide the CPM documentation of the Districts approval of the CEMS, within 15 days of its receipt. The project owner shall make the site available for inspection of the CEMS by representatives of the District, CARB and the Commission.	06/22/05
AQ-38	CONS	The operator shall install and maintain a CEMS to measure the following parameters: • NOx concentration is expressed in ppmv. Concentrations shall be corrected to 3 percent oxygen on a dry basis. The CEMS shall be installed and operating no later than 12 months after initial start-up of the boiler and shall comply with the requirements of Rule 2012. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within two weeks of the boiler startup date, the operator shall provide written notification to the District of the exact date of start-up. The CEMS shall be in operation and Rule 2012 provisional RATA testing submitted to the AQMD within 90 days of the conclusion of the boiler commissioning period. The CEMS shall be installed and operating no later than 90 days after initial startup of the boiler. (SCAQMD D82-4)	The project owner shall provide the CPM documentation of the Districts approval of the CEMS, within 15 days of its receipt. The project owner shall make the site available for inspection of the CEMS by representatives of the District, CARB and the Commission.	04/11/07
AQ-39	OPS	The 8.49 lbs/mmscf NOx emission limit(s) shall only apply after the installation and operation of the SCR catalyst during the interim reporting period to report RECLAIM emissions. (SCAQMD A99-2) The 100.67 lbs/mmscf NOx emission limit(s) shall only apply prior to the installation of the SCR catalyst during the interim reporting period to report RECLAIM emissions. (SCAQMD A99-4)	The project owner shall submit to the CPM and APCO auxiliary boiler emissions data demonstrating compliance with this condition through the use of the required RECLAIM emission factor, as appropriate, as part of the Quarterly Operation Report (AQ-SC8).	12/15/10
AQ-40	СОММ	For the purpose of the following conditions <u>number(s)</u> , continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour. (SCAQMD E179-1) Condition AQ-29 (SCAQMD D12-1) Condition AQ-30 (SCAQMD D12-2)	See verifications for Conditions AQ-29 and AQ-30.	04/11/07
AQ-41	СОММ	For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month. (SCAQMD E179-2) Condition AQ-31 (SCAQMD D12-3)	See verification for Condition AQ-31.	04/11/07
AQ-42	OPS	The 7 ppmv NOx emission limit(s) is averaged over one hour at 3 percent oxygen, dry basis. This limit shall not apply during the initial auxiliary boiler commissioning period not to exceed 200 hours or until the SCR catalyst is installed and operational, whichever occurs first. This limit shall not apply during startup and shutdown periods. Startup shall not exceed 75 minutes per occurrence and shutdown shall not exceed 30 minutes per occurrence. There shall be no more than one startup and one shutdown per day. (SCAQMD A195-4)	The project owner shall submit to the CPM and APCO auxiliary boiler CEMS emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	12/15/10
AQ-43	OPS	The 7 ppmv NOx emission limit(s) is averaged over one hour at 3 percent oxygen, dry basis. (SCAQMD A195-5)	The project owner shall submit to the CPM and APCO auxiliary boiler CEMS emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-44	СОММ	The 10 ppmv VOC emission limit(s) is averaged over 1 hour at 3 percent oxygen, dry basis. (SCAQMD A195-6)	See verification for Condition AQ-32.	04/11/07
AQ-45	СОММ	The 5 ppmv NH3 emission limit(s) is averaged over 1 hour at 3 percent oxygen, dry basis. The limit shall not apply during the auxiliary boiler D3 startup process when the SCR catalyst temperature is below 480 degree F. The limit shall not apply during the auxiliary boiler D3 boiler shutdowns. (SCAQMD A195-8)	See verification for Conditions AQ-32, AQ-33, and AQ-46.	12/15/10

Condition No.	Sort Code	Description	Verification	COC Revision Date
AQ-46	OPS	The operator shall operate and maintain this equipment according to the following requirements: The operator shall calculate and continuously record the NH3 slip concentration using the following: NH3 (ppmvd) = [a-b*(c*1.2)/1E6]*1E6/b, where a=NH3 injection rate (lb/hr)/17(lb/lb-mol), b=dry exhaust flow rate (scf/hr)/(385.5 scf/lb-mol), c=change in measured NOx across the SCR, ppmvd at 3 percent O2. The operator shall install a NOx analyzer to measure the SCR inlet NOx ppm accurate to within +/- 5 percent calibrated at least once every 12 months. The operator shall use the method described above or another alternative method approved by the Executive Officer. The ammonia slip calculation procedures described above shall not be used for compliance determination or emission information determination without corroborative data using an approved reference method for the determination of ammonia. The ammonia slip calculation procedure shall be in-effect no later than 90 days after initial startup of the boiler. (SCAQMD E193-5)	The project owner shall provide the CPM documentation of the District's approval of The project owner shall make the site available for inspection of the monitoring records by representatives of the District, CARB and the Commission. The project owner shall submit to the CPM emissions data generated by the calculation procedure as part of the Quarterly Operation Report ( <b>AQ-SC8</b> ).	04/11/07
AQ-47	OPS	This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase. To comply with this condition, the operator shall prior to the first compliance year hold a minimum NOX RTCs of 790 lbs. This condition shall apply during the first twelve months of operator. To comply with this condition, the operator shall, prior to the beginning of all years subsequent to the first compliance year, hold a minimum NOX RTCs of 790 lbs. In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the first compliance year. (SCAQMD I296-3)	The project owner shall submit to the CPM copies of all RECLAIM reports filed with the District demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	04/11/07
Conditions AQ- 48 through AQ- 53 apply to the Emergency Generators and Fire Pump Engine.				
AQ-48	OPS	Emergency Generator Engines: The operator shall limit the operating time of each engine to no more than 200 hours per year. The 200 hours annual limit includes no more than 50 hours in any one year for maintenance and testing purposes. (SCAQMD C1-1) Emergency Fire Pump Engine: The operator shall limit the operating time to no more than 50 hours in any one year. (SCAQMD C1-3)	The project owner shall submit to the CPM and APCO the emergency generator and fire pump IC engines operations data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	12/15/10
AQ-49	CONS	The operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of each engine. (SCAQMD $\underline{D}$ 12-4)	The project owner shall make the emergency generator and fire pump engines available for inspection by representatives of the District, CARB and the Commission upon request.	06/22/05
AQ-50	CONS	The operator shall install and maintain a non-resettable totalizingfuel meter to accurately indicate the fuel usage of each engine. (SCAQMD D12-5)	The project owner shall make the emergency generator and fire pump engines available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-51	OPS	The emergency generator engines shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation. In addition, this condition, the operator shall prior to the first compliance year hold a minimum NOx RTCs of 1,946 lbs for each engine. This condition shall apply during the first twelve months of operation. To comply with this condition, the operator shall prior to the full years subsequent to the first compliance year, hold a minimum NOX RTCs of 7,784 lbs for each engine. In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the first compliance year. (SCAQMD I296-4)	The project owner shall submit to the CPM copies of all RECLAIM reports filed with the District demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	12/15/10
AQ-52	OPS	The fire pump engine shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase. To comply with this condition, the operator shall prior to the first compliance year hold a minimum NOx RTCs of 172 lbs. This condition shall apply during the first twelve months of operator shall, prior to the beginning of all years subsequent to the first compliance year, hold a minimum NOx RTCs of 172 lbs. In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the first compliance year. (SCAQMD 1296-5)	The project owner shall submit to the CPM copies of all RECLAIM reports filed with the District demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8).	06/22/05
AQ-53	OPS	The operator shall keep records, in a manner approved by the District, for the following parameters or items: • Date of operation, the elapsed time, in hours, and the reason for operation. (SCAQMD K67-2)	The project owner shall make the emergency generator and fire pump engine records available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-54	CONS	The operator shall vent this equipment, during filling, only to the vessel from which it is being filled. (SCAQMD E144-1)	The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-55	CONS	The operator shall install and maintain a pressure relief valve with a minimum pressure set at 25 psig. (SCAQMD C157-1)	The project owner shall make the ammonia tank pressure relief valve and its specifications available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-56	CONS	The operator shall be subject to the applicable requirements of District Rule 1171 for VOC control from Solvent Cleaning Operations. This requirement shall apply to Rule 219 Exempted Cleaning Equipment. (SCAQMD <u>H</u> 23-1)	The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission upon request.	06/22/05

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AQ-57	CONS	<ul> <li>The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):</li> <li>For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.</li> <li>For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.</li> <li>This requirement shall apply to Rule 219 Exempted Coating Equipment. (SCAQMD <u>K</u>67-3)</li> </ul>	The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission upon request.	06/22/05
AQ-58	OPS	The operator shall restrict the operation of the gas turbines and auxiliary boiler according to the following requirements: • The calendar daily cumulative operating hours for both gas turbines (D1 and D2) and the auxiliary boiler (D3) shall not exceed 60 hours per day. The operating hours shall be recorded and maintained using an automated data acquisition system. The operating hours shall be determined from the RECLAIM certified NOx CEMS accurate to the nearest 15-min operating period. • The operator shall maintain daily records summarizing daily operating hours of each of the following equipment – gas turbine D1, gas turbine D2, and auxiliary boiler D3 for at least 5 years and made available to AQMD upon request. (SCAQMD E193-6)	The project owner shall submit to the CPM and APCO turbine and boiler operating data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8). The project owner shall make the records available for inspection by representatives of the District, CARB and the Commission upon request.	04/11/07
AQ-SC1	PC	The project owner shall fund all expenses for an on-site Air Quality Construction Mitigation Manager (AQCMM) who shall be responsible for maintaining compliance with conditions AQ-SC2 through AQ-SC6 for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities identified in Conditions AQ-SC1 through AQ-SC6 to one or more air quality construction mitigation monitors. The on-site AQCMM shall have access to areas of construction of the project site and linear facilities, and shall have the authority to appeal to the CPM to have the CPM stop any or all construction activities as warranted by applicable construction mitigation conditions. The AQCMM may have other responsibilities in addition to those described in this condition. The on-site AQCMM shall not be terminated without written consent of CPM.	At least 60 days prior to the start of ground disturbance, the project owner shall submit to the CPM, for approval, the name and contact information for the on-site AQCMM and air quality construction mitigation monitors.	04/11/07
AQ-SC2	PC	The project owner shall provide a construction mitigation plan, for approval, which shows the steps that will be taken, and reporting requirements, to ensure compliance with conditions AQ-SC3 and AQSC4.	At least 60 days prior to start any ground disturbance, the project owner shall submit to the CPM, for approval, the construction mitigation plan. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. Otherwise, the plan shall be deemed approved.	12/22/03
AQ-SC3	CONS	The on-site AQCMM shall submit to the CPM, in the Monthly Compliance Report (MCR), a construction mitigation report that demonstrates compliance with the following mitigation measures: a) All unpaved roads and disturbed areas in the project and linear construction sites shall be watered until sufficiently wet for every four hours of construction activities, or until sufficiently wet to comply with the dust mitigation objectives of Condition AQ-SC4. The frequency of watering can be reduced or eliminated during periods of precipitation. b) No vehicle shall exceed 15 miles per hour within the construction site. c) The construction equipment vehicle tires shall be washed or cleaned free of dirt prior to entering paved roadways. e) Gravel ramps of at least 20 feet in length must be provided at the tire washing/cleaning station. f) All entrances to the construction site shall be graveled or treated with water or dust soil stabilization compounds. g) Construction vehicles must enter the construction site through the treated entrance roadways. h) Construction areas adjacent to any paved roadway shall be provided with sandbags to prevent run-off to the roadway. i) All east the first 500 feet of any public roadway exiting from the construction site shall be swept twice daily when construction activity occurs. j) At least the first 500 feet of any public roadway exiting from the construction site shall be covered, or be treated with appropriate dust suppressant compounds. j) All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least one foot of freeboard. m) Wind erosion control techniques, such as windbreaks, water, chemical dust suppressants, and vegetation, shall be used on all construction areas that may be disturbed. Any windbreaks used shall remain in place untit the soil is stabilized or permanently covered wit	In the MCR, the project owner shall provide the CPM a copy of the construction mitigation report and any diesel fuel purchase records, which demonstrate compliance with condition AQ-SC3.	12/22/03
AQ-SC4	CONS	Wind exceede 25 miles per hour unless water, chemical dust suppressent. No construction activities are allowed to cause visible dust emissions at or beyond the project site fenced property boundary or any adjacent lands owned by the applicant. No construction activities are allowed to cause visible dust plumes that exceed 20 percent opacity at any location on the construction site. No construction activities are allowed to cause any visible dust plume in excess of 200 feet beyond the centerline of the construction of linear facilities.	The on-site AQCMM shall conduct a visible emission evaluation at the construction site fence line, or 200 feet from the center of construction activities at the linear facilities, each time he/she sees excessive fugitive dust from the construction or linear facility site. The records of the visible emission evaluations shall be maintained at the construction site and shall be provided to the CPM in the MCR.	12/22/03
AQ-SC5	N/A	Condition Deleted.	Condition Deleted.	12/22/03
AQ-SC6	CONS	During site mobilization, ground disturbance, and grading activities, the project owner shall limit the fugitive dust causing activities (i.e. scraping, grading, trenching, or other earth moving activities) to no more than a twelve-hour per day schedule as provided in Condition NOISE-8.	The project owner shall provide records of compliance as part of the MCR.	12/22/03
AQ-SC7	CONS	I he project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or EPA, and any revised permit issued by the District or EPA, for the project.	The project owner shall submit any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency. The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	12/22/03

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Condition No.	Sort Code	Description	Verification	Date
AQ-SC8	OPS	The project owner shall submit to the CPM Quarterly Operation Reports, no later than 30 days following the end of each calendar quarter, that include operational and emissions information as necessary to demonstrate compliance with Conditions AQ-SC11, AQ-SC12, AQ-SC14, AQ-SC15, AQ-SC17, and AQ-1 through AQ-58, as applicable. The Quarterly Operation Report will specifically note or highlight incidences of noncompliance.	The project owner shall submit the Quarterly Operation Reports to the CPM no later than 30 days following the end of each calendar quarter.	04/11/07
AQ-SC9	PC	The project owner shall provide emission reduction credits to offset turbine, auxiliary boiler, and standby/emergency equipment NOx, CO, VOC, SOx, and PM10 emissions in the form and amount required by the District. RECLAIM Trading Credits (RTCs) shall be provided for NOx as necessary to demonstrate compliance with <b>AQ-27</b> , <b>AQ-47</b> , <b>AQ-51</b> , and <b>AQ-52</b> . Emission reduction credits (ERCs) shall be provided for CO (822 lb/day, includes offset ratio of 1.2) and VOC (307 lb/day) includes offset ratio of 1.2). Emission reduction credits for SOx (91 lb/day) and PM10 (379 lb/day) shall be obtained from the SCAQMD Priority Reserve.	The project owner shall submit to the CPM records showing that the project's offset requirements have been met 15 days prior to initiating construction for Priority Reserve credits and RTCs, and 30 days prior to turbine first fire for traditional ERCs. If the CPM approves a substitution or modification to the list of ERCs, the CPM shall file a statement of the approval with the project owner and commission docket. The CPM shall maintain an updated list of approved ERCs for the project.	04/11/07
AQ-SC10	СОММ	If the project owner uses Priority Reserve Credits to satisfy District ERC requirements, the project owner shall comply with all applicable requirements of SCAQMD Rule 1309.1 governing the use of such credits. Note: Nothing in this condition shall waive the requirements of Section 1720.3 of the Commission's regulations.	Within 15 days of becoming operational, the project owner shall submit to the District and CPM documentation substantiating that the requirements of SCAQMD Rule 1309.1 and Section 1720.3 of the Commission's regulations have been met.	06/22/05
AQ-SC11	OPS	The project owner shall perform quarterly cooling tower recirculating water quality testing for each cooling tower, or shall provide for continuous monitoring of conductivity as an indicator, for total dissolved solids content. The project owner shall also provide a flow meters to determine the daily cooling tower circulating water flow for each cooling tower.	The project owner shall submit to the CPM cooling tower recirculating water quality tests or a summary of continuous monitoring results and daily recirculating water flow in the Quarterly Operation Report (AQ-SC8). If the project owner uses continuous monitoring of conductivity as an indicator for total dissolved solids content, the project owner shall submit data supporting the calibration of the conductivity meter and the correlation with total dissolved solids content at least once each year in a Quarterly Operation Report (AQ-SC8).	06/22/05
AQ-SC12	OPS	The cooling tower daily PM10 emissions shall be limited to 42 lb/day per cooling tower. Each cooling tower shall be equipped with a drift eliminator to control the drift fraction to 0.0005 percent of the circulating water flow. The project owner shall estimate daily PM10 emissions from Each cooling tower using the water quality testing data or continuous monitoring data and daily circulating water flow data collected on a quarterly basis.	The project owner shall submit to the CPM daily cooling tower PM10 emission estimates in the Quarterly Operation Report (AQ-SC8).	06/22/05
AQ-SC13	СОММ	The project owner shall minimize emissions of carbon monoxide and nitrogen oxides from the gas turbines to the maximum extent possible during the commissioning period. During the commissioning period, the project owner shall limit the combined CO emission rate for the two gas turbines to 794.2 lb/hr (777 lb/hr commissioning plus 17.2 lb/hr baseload) and limit the combined NOx emission rate for the two gas turbines to 605.8 816 lb/hr (587 lb/hr commissioning plus 18.8 lb/hr baseload 408 lb/hr for each).	See the verification for Condition AQ-17.	04/11/07
AQ-SC14	OPS	The project owner shall limit emissions during startup periods. During startup periods, the project owner shall limit the combined CO emission rate for the two gas turbines to 190 1600 lb/hr (95 800 lb/hr for each turbine) and limit the combined NOx emission rate for the two gas turbines to 816 lb/hr (408 lb/hr for each turbine).	See the verification for Condition AQ-18.	12/15/10
AQ-SC15	OPS	The gas turbines shall be fired on natural gas that results in emissions of less than 1.83 lb/hr SOx for each gas turbine, averaged over three hours.	The project owner shall compile hourly SOx emissions data for each gas turbine. The hourly emission data shall be calculated using the emission factor specified in Condition AQ-13. The emissions data shall be submitted to the CPM in the Quarterly Operation Report (AQ-SC8).	04/11/07
AQ-SC16	OPS	The project owner shall install and operate the equipment so that it does not exceed the emission limits set forth in the Equipment Description portion of Section H of the facility permit issued by the District. The current Equipment Description, as shown in the May 2005 Determination of Compliance July 1, 2006 Permit to Construct, is attached as Attachment Air Quality 1 – AQ-SC16, Equipment Description.	The project owner shall submit to the CPM emissions data demonstrating compliance with this condition as part of the Quarterly Operation Report (AQ-SC8). The project owner shall submit to the CPM all permit changes, whether initiated by the project owner or the District, pursuant to Condition AQ-SC7.; updates to table: Attachment Air Quality 1 – AQ-SC16, Equipment Description EQUIPMENT DESCRIPTION Section H of the facility permit: Permit to Construct and temporary Permit to Operate	04/11/07; 12/15/10
AQ-SC17	OPS	If the Project owner does not voluntarily participate in the California Climate- Action Registry then the Project owner shall report to the CPM the quantity- of CO <sub>2</sub> emitted on an annual basis as a direct result of facility electricity- production.	Any CO <sub>2</sub> emissions that are reported by the project owner to the California- Climate Action Registry or pursuant to this condition shall be reported to the CPM once each year as part of the fourth Quarterly Air Quality Reports- required by Condition of Certification AQ-SC8.	<del>6/22/05;</del> <del>6/27/2012</del>
		The project owner shall submit the resume, including contact information, of the proposed Designated Biologist to the CPM for approval prior to the start	The project owner shall submit the specified information at least 60 days prior to the start of any site or related facilities mobilization. Site or related	12/22/03
BIO-1	PC	of any site or related facilities mobilization	<ul> <li>Interstation any site of related facilities mobilization. Site of related facilities mobilization shall not commence until an approved Designated Biologist is available to be on site.</li> <li>The Designated Biologist must meet the following minimum qualifications: <ol> <li>Bachelor's Degree in biological sciences, zoology, botany, ecology, or a closely related field;</li> <li>Three years of experience in field biology or current certification of a nationally recognized biological society such as The Ecological Society of America or The Wildlife Society; and</li> <li>At least one year of field experience with biological resources found in or near the project area.</li> </ol> </li> <li>If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least 10 working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.</li> </ul>	

Condition No.	Sort Code	Description	Verification	COC Revision Date
BIO-2	CONS	The Designated Biologist shall perform the following during any site or related facilities mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by a Biological Monitor(s). 1. Advise the project owner's Construction Manager and Operation Manager, supervising construction engineer and operations engineer on the implementation of the biological resources Conditions of Certification; 2. Be available to supervise or conduct mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources such as wetlands and special status species or their habitat; 3. Clearly mark sensitive biological resource areas and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions; 4. Prior to construction commencing each day, inspect active construction areas where animals may have become trapped. At the end of the day, inspect for the installation of structures that prevent entrapment or allow escape during periods of construction inactivity. Periodically inspect areas with high vehicle activity (parking lots) for animals in harms way; 5. Notify the project owner and the CPM of any non-compliance with any biological resources Condition of Certification; and 6. Respond directly to inquiries of the CPM regarding biological resource issues.	The Designated Biologist shall maintain written records of the tasks described above; summaries of these records shall be submitted in the Monthly Compliance Reports (MCRs). The Biological Monitor(s) shall be approved by the CPM. Biological Monitor(s) training shall include familiarity with the Conditions of Certification and the monitoring procedures established in the BRMIMP. During project operation, the Designated Biologist shall submit summaries of the tasks described above in the Annual Compliance Report.	12/22/03
BIO-3	CONS	The project owner's Construction Manager and Operation Manager shall act on the advice of the Designated Biologist or Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist or Biological Monitor(s), the project owner's Construction Manager or Operation Manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist as sensitive or which may affect a sensitive area or sensitive species. The Designated Biologist and Biological Monitor(s) shall: 1. Require a halt to all activities in any area when it is determined that there would be an adverse impact to sensitive biological resources if the activities continued; 2. Inform the project owner, the Construction Manager and the Operation Manager hen to resume activities; and 3. Notify the CPM if there is a halt of any activities, and advise the CPM of any corrective actions that have been taken, or will be instituted, as a result of the halt.	The Designated Biologist must notify the CPM and the project owner immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	12/22/03
BIO-4	PC	The project owner shall develop and implement a CPM approved Worker Environmental Awareness Program (WEAP) in which each of its employees, as well as employees of contractors and subcontractors who work on the project site or any related facilities during site mobilization, ground disturbance, grading, construction, operation and closure are informed about sensitive biological resources associated with the project. The training may be in the form of a video if administered by a person approved by the Designated Biologist. The WEAP must: 1. Be developed by or in consultation with the Designated Biologist and consist of an on-site or training center presentation in which supporting written material is made available to all participants; 2. Discuss the locations and types of sensitive biological resources on the project site and adjacent areas; 3. Present the reasons for protecting these resources; 4. Present the meaning of various temporary and permanent habitat protection measures; 5. Identify whom to contact if there are further comments and questions about the material discussed in the program; and 6. Include a training acknowledgment form to be signed by each worker indicating that they received training and shall abide by the guidelines. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	At least 60 days prior to the start of any site or related facilities mobilization, the project owner shall submit to the CPM two copies of the WEAP and all supporting written materials prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The project owner shall submit in the MCR the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. The signed training acknowledgement forms from construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation. During project operation, signed statements for active project operational personnel shall be kept on file for six months following the termination of an individual's employment.	12/22/03
BIO-5	CONS	The project owner shall submit two copies of the proposed Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) to the CPM for review and approval and to CDFG and USFWS for review and comment prior to the start of any site or related facilities mobilization and shall implement the measures identified in the approved BRMIMP. The final BRMIMP shall identify: 1. All biological resources mitigation, monitoring, and compliance measures proposed and agreed to by the project owner; 2. All Biological Resources Conditions of Certification identified in the Commission's Final Decision; 3. All biological resource mitigation, monitoring and compliance measures required in federal agency terms and conditions, such as those provided in the USACE permit and as a result of informal consultation between the project owner and the USFWS; 4. All biological resources mitigation, monitoring and compliance measures required in other state agency terms and conditions, such as those provided in the RWQCB permit; 5. All biological resources mitigation, monitoring and compliance measures required in local agency permits, such as site grading, noise, lighting, and landscaping requirements; 6. All incidental take minimization measures as provided in the Stephens' kangaroo rat HCP or as specified by the Stephens' kangaroo rat Habitat Conservation Agency; 7. All sensitive biological resources to be impacted, avoided, or mitigated by project construction, operation and closure; 8. All required mitigation measures for each sensitive biological resource; 9. Required habitat compensation strategy, including provisions for acquisition, enhancement, and management for any temporary and permanent loss of sensitive biological resources; 10. A detailed description of measures that will be taken to avoid or mitigate temporary disturbances from construction activities; 11.All locations on a map, at an approved scale, of sensitive biological resource areas subject to disturbance and areas requiring temporary protection and avoidanc	The project owner shall submit the specified document at least 60 days prior to start of any site or related facilities mobilization. The CPM, in consultation with the CDFG, the USFWS and any other appropriate agencies, shall determine the BRMIMP's acceptability within 45 days of receipt. If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM and USFWS within 10 days of their receipt and the BRMIMP shall be revised or supplemented to reflect the permit conditions within 20 days of their receipt. The project owner shall notify the CPM no less than five working days before implementing any modifications to the approved BRMIMP to obtain CPM approval. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with CDFG, the USFWS, and appropriate agencies to ensure no conflicts exist. Within 30 days after completion of project construction, the project owner shall submit to the CPM, for review and approval, a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	12/22/03

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BIO-6	OPS	The project owner shall incorporate into the permanent or unexpected permanent closure plan, and the BRMIMP, measures that address the local biological resources. The planned permanent or unexpected permanent closure plan will address the following biological resources related mitigation measures (typical measures are): 1. Removal of transmission conductors when they are no longer used and useful; 2. Removal of all power plant site facilities and related facilities; 3. Measures to restore wildlife habitat to promote the re-establishment of native plant and wildlife species; and 4. Revegetation of the plant site and other disturbed areas utilizing appropriate seed mixture.	At least 12 months prior to commencement of closure activities, the project owner shall address all biological resources related issues associated with facility closure in a Biological Resources Element. The Biological Resources Element shall be incorporated into the Facility Closure Plan and the BRMIMP and include a complete discussion of the local biological resources and proposed facility closure mitigation measures.	12/22/03
BIO-7	PC	The project owner will acquire the Regional Water Quality Control Board Section 401 Clean Water Act certification, and incorporate the biological resource related terms and conditions into the project's BRMIMP.	At least 30 days prior to the start of any site or related facilities mobilization activities, the project owner will submit to the CPM a copy of the final Regional Water Quality Control Board's certification.	12/22/03
BIO-8	PC	The project owner shall submit to the CPM a final copy of the U.S. Army Corps of Engineers Section 404 of the federal Clean Water Act permit. The biological resources related terms and conditions contained in the permit shall be incorporated into the project's BRMIMP.	At least 30 days prior to the start of any site or related facilities mobilization, the project owner shall submit to the CPM a copy of the U.S. Army Corps of Engineers permit.	12/22/03
BIO-9	PC	The project owner shall modify the project design to incorporate all feasible measures that avoid or minimize impacts to the local biological resources. These modifications may include: 1. Design transmission line poles, access roads, pulling sites, and storage and parking areas to avoid identified sensitive resources. If, in the final design plans, the 500kV or the 115 kV transmission lines are located within four feet of site MW-51, potential impacts to listed fairy shrimp shall be reevaluated by the CPM in coordination with the USFWS. 2. Avoid wetland loss as defined in the Western Riverside County Multi-Species Habitat Conservation Plan or loss of jurisdictional features as defined by the U.S. Army Corps of Engineers; and 3. Design and construct transmission lines and all electrical components to reduce the likelihood of electrocutions of large birds.	All mitigation measures and their implementation methods shall be included in the BRMIMP.	12/22/03
BIO-10	PC	The project owner shall manage its construction site and related facilities, in a manner to avoid or minimize impacts to the local biological resources. Typical and site specific measures shall include: 1. Temporarily fence and provide wildlife escape ramps for construction areas that contain steep walled holes or trenches if outside of an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar materials that are approved for use by USFWS and CDFG; 2. Make certain all food-related trash will be disposed of in closed containers and removed at least once a week. Feeding of wildlife shall be prohibited; 3. Prohibit non-security related firearms or weapons from being brought to the site; 4. Prohibit pets from being brought to the site; 5. Report all inadvertent deaths of sensitive species to the appropriate project representative. Injured animals shall be reported to CDFG and the project owner shall follow instructions that are provided by CDFG; 6. Protect potential vernal pool fairy shrimp habitat identified as site MW-51 from sedimentation or wind (aeolic) deposition originated by project construction; 7. Access to the 0.9-mile transmission line when adjacent to the MW- 51 shall be restricted to the west of the existing and new 500-kV lattice towers; 8. Eliminate any California Exotic Pest Plants of Concern (CalEPPC) List A species from landscaping plans; 9. Use native, drought tolerant species in the restoration of land temporarily disturbed during the installation linear underground facilities; 10. Restore temporarily disturbed sites to their pre-existing physical condition; and 11. In areas that potentially support vernal pool fairy shrimp, the project owner shall perform the following measures: • Biological impacts to potential fairy shrimp habitat shall be minimized to the maximum extent possible by siting facilities away from such sensitive habitats, within disturbed agricultural fields, adjacent to or within existing road or established utility rights-of-way. • Prior	All mitigation measures and their implementation methods shall be included in the BRMIMP.	12/22/03
BIO-11	PC	Prior to site or related facilities mobilization, the IEEC shall comply with the provisions of Riverside County Ordinance No. 663, which requires the payment of fees for permanent and temporary loss of historical Stephens' kangaroo rat habitat within the Stephens' kangaroo rat HCP fee assessment area. The applicant shall purchase habitat credits for temporary impacts to 47.63 acres and permanent impacts to 38.60 acres. Fees shall be based on the most current fees assessed by Riverside County. Monies will be paid directly to the Riverside County Habitat Conservation Agency.	At least 30 days prior to site or related facilities mobilization, the project owner shall demonstrate to the CPM evidence of receipt of payment of the Stephens' kangaroo rat habitat fee by the County of Riverside. At least 30 days prior to site mobilization (or other CPM-approved timeframe), the project owner shall submit to the CPM a written certificate or letter from the County of Riverside stating the date and amount of funds received.	06/22/05
BIO-12	PC	Prior to site or related facilities mobilization, the project owner shall pay an Interim Open Space Mitigation Fee in the amount assessed in accordance with Riverside County Ordinance No. 810 to assist in providing revenue to acquire and preserve open space and habitat (Riverside 2002a). The amount of the fee shall be based on permanent impacts to 38.6 acres using the most current fee rates for industrial projects under this Ordinance. Any area identified as "no use proposed" on the approved exhibit A (i.e., the AFC, Ex. 1) shall not be included in the project area.	At least 30 days prior to site or related facilities mobilization, the project owner shall submit to the CPM documentation that payment has been made to the County of Riverside for the Interim Open Space Mitigation Fee. At least 30 days prior to site or related facilities mobilization (or other CPMapproved timeframe), the project owner shall provide a letter from the County of Riverside stating the date and amount of funds received for open space and habitat mitigation.	12/22/03
BIO-13	CONS	Prior to site or related facilities mobilization, the project owner shall enter into a legally binding agreement with Southern California Edison (SCE), or its successor, regarding construction and maintenance of the transmission line between the Inland Empire Energy Center and the Valley substation. The agreement shall include the measures identified in the BRMIMP and Conditions of Certification BIO-5 and BIO-10. The agreement shall also allow the CPM access to the transmission line corridor throughout construction and operation. The project owner is ultimately responsible for implementation of all mitigation measures associated with the 0.9 mile transmission line.	At least 30 days prior to site or related facilities mobilization along the transmission line corridor, the project owner shall submit to the CPM a copy of the initial agreement between the parties for review and approval. Any proposal to enter into a subsequent agreement must be submitted 30 days in advance of its execution to the CPM for review and approval in consultation with appropriate state, federal, or local authorities. The agreement may be terminated at any time, provided that the terminated agreement is replaced by another agreement which complies with the requirements set forth and is effective immediately upon termination of the prior agreement.	12/22/03

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CIVIL-1	PC	<ul> <li>The project owner shall submit to the CBO for review and approval the following:</li> <li>1. Design of the proposed drainage structures and the grading plan;</li> <li>2. An erosion and sedimentation control plan;</li> <li>3. Related calculations and specifications, signed and stamped by the responsible civil engineer; and</li> <li>4. Soils report as required by the 2001 CBC [Appendix Chapter 33, Section 3309.5, Soils Engineering Report; and Section 3309.6, Engineering Geology Report].</li> </ul>	At least 15 days (or project owner and CBO approved alternative timeframe) prior to the start of site grading, the project owner shall submit the documents described above to the CBO for design review and approval. In the next Monthly Compliance Report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	12/22/03
CIVIL-2	CONS	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer or civil engineer, experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area [2001 CBC, Section 104.2.4, Stop orders].	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide the CPM a copy of the CBO's approval.	12/22/03
CIVIL-3	CONS	The project owner shall perform inspections in accordance with the 2001 CBC, Chapter 1, Section 108, Inspections; Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection; and Appendix Chapter 33, Section 3317, Grading Inspection. All plant site-grading operations for which a grading permit is required shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO and the CPM [2001 CBC, Appendix Chapter 33, Section 3317.7, Notification of Noncompliance]. The project owner shall prepare a written report detailing all discrepancies and non-compliance items, and the proposed corrective action, and send copies to the CBO and the CPM.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report (NCR) and the proposed corrective action. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs for the reporting month shall also be included in the following Monthly Compliance Report.	12/22/03
CIVIL-4	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans [2001 CBC, Section 3318, Completion of Work].	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plan (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes. The project owner shall submit a copy of the CBO's approval to the CPM in the next Monthly Compliance Report.	12/22/03
00114	Oracian	The project owner shall grant Energy Commission staff and delegate		12/22/03
COM-1 COM-2	Ongoing	agencies or consultants unrestricted access to the power plant site. The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.		12/22/03
COM-3	Ongoing	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether the condition was satisfied by work actions of the project		12/22/03
COM-4	PC	Construction shall not commence until all of the following activities/ submittals have been completed: property owners living within one mile of the project have been notified of a telephone number to contact for questions, complaints or concerns; a pre- construction matrix has been submitted identifying only those conditions that must be fulfilled before the start of construction; all pre-construction conditions have been complied with; and the CPM has issued a letter to the project owner authorizing construction.		12/22/03
COM-5	CONS	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.		12/22/03
COM-6	CONS	During construction, the project owner shall submit Monthly Compliance Reports (MCRs) which include specific information. The first MCR is due the month following the Commission business meeting date on which the project was approved and shall include an initial list of dates for each of the events identified on the Key Events List.		12/22/03
COM-7	OPS	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports.		12/22/03
COM-8	PC	Thirty days prior to commencing construction, the project owner shall submit a Security Plan for the construction phase. Sixty days prior to initial receipt of hazardous material on site, the project owner shall submit an Security Plan & Vulnerability Assessment for the operational phase.		12/22/03
COM-9	Ongoing	Any information the project owner deems confidential shall be submitted to the Dockets Unit with an application for confidentiality.		12/22/03
COM-10	PC	The project owner shall pay a filing fee of \$850 at the time of project certification.		12/22/03
COM-11	PC	Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.		12/22/03
COM-12	OPS	The project owner shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure.		12/22/03
COM-13	СОММ	To ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation.		12/22/03
COM-14	СОММ	To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation		12/22/03
COM-15	PC	The project owner shall establish specific performance milestones for pre- construction and construction phases of the project.		12/22/03

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CUL-1	PC	Prior to the start of ground disturbance, the project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, if alternates are needed, to manage all monitoring, mitigation, and curation activities. The CRS may elect to obtain the services of Cultural Resource Monitors (CRMs) and other technical specialists, if needed, to assist in monitoring, mitigation and curation activities. The project owner shall ensure that the CRS evaluates any cultural resources that are newly discovered or that may be affected in an unanticipated manner for eligibility to the California Register of Historic Resources (CRHR). CULTURAL RESOURCES SPECIALIST The resume for the CRS and alternate(s) shall include information demonstrating that the minimum qualifications specified in the U.S. Secretary of Interior Guidelines, as published in the COde of Federal Regulations, 36 CFR Part 61 are met. In addition, the CRS shall have the following qualifications: 1. a technical specialty appropriate to the needs of the project and a background in anthropology, archaeological or historic, as appropriate, resource mitigation and field experience in California. The resume of the CRS shall include the names and telephone numbers of contacts familiar with the work of the CRS on referenced projects, and demonstrate that the CRS has the appropriate to the satisfaction of the CPM that the proposed CRS or alternate has the appropriate training and background to effectively implement the Conditions of Certification. CULTURAL RESOURCES MONITOR CRMs shall have the following qualifications: 1. a BS or BA degree in anthropology, archaeology, historic archaeology, or a related field and one year experience monitoring in California; or 3. enrollment in upper division classes pursuing a degree in the fields of anthropology, archaeology, or a related field and four years experience monitoring in California; or 3. enrollment in upper division classes pursuing a degree in the fields of anthropology, archaeology, or a rel	The project owner shall submit the resume for the CRS, and alternate(s) if desired, at least 45 days prior to the start of ground disturbance to the CPM for review and approval. At least 10 days prior to a termination or release of the CRS, the project owner shall submit the resume of the proposed new CRS to the CPM for review and approval. At least 20 days prior to ground disturbance, the CRS shall submit written notification to the CPM identifying anticipated CRMs for the project stating they meet the minimum qualifications required by this condition. If additional CRMs are needed later, the CRS shall submit written notice one week prior to any new CRMs beginning work. At least 10 days prior to the start of ground disturbance, the project owner shall confirm in writing to the CPM that the approved CRS will be available for on-site work and is prepared to implement the cultural resources Conditions of Certification.	12/22/03
CUL-2	PC	Prior to the start of ground disturbance, the project owner shall provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities. Maps shall include the appropriate USGS quadrangles and a map at an appropriate scale (e.g., 1:2000 or 1" = 200') for plotting individual artifacts. If the CRS requests enlargements or strip maps for linear facility routes, the project owner shall provide copies to the CRS and CPM. If the footprint of the power plant or linear facilities changes, the project owner shall provide maps and drawings reflecting these changes to the CRS and the CPM for approval. Maps shall identify all areas of the project where ground disturbance is anticipated. If construction of the project will proceed in phases, maps and drawings, not previously provided, shall be submitted prior to the start of each phase. Written notification identifying the schedule of each project phase shall be provided to the CRS and CPM. At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases.	The project owner shall submit the subject maps and drawings at least 30 days prior to the start of ground disturbance. If there are changes to any project related footprint, revised maps and drawings shall be provided at least 10 days prior to start of ground disturbance for those changes. If project construction is phased, if not previously provided, the project owner shall submit the subject maps and drawings 15 days prior to each phase. A current schedule of anticipated project activity shall be provided in each Monthly Compliance Report (MCR). The project owner shall provide written notice of any changes to scheduling of construction phases within five days of identifying the changes.	12/22/03
CUL-3	CONS	Cultural resource monitoring shall be conducted during the initial groundbreaking at the plant site and the on project's linear facilities. The potential for encountering buried deposits shall be assessed by the CRS based on the initial groundbreaking observations. The initial assessment shall prescribe the type (intermittent to full time), location, and duration for monitoring of ground disturbance within the plant site and on the project's linear facilities and show that the CPM has concurred with that determination. The cultural resource monitoring shall continue until the CRS determines that no cultural resources will be impacted by continued construction. Monitors shall keep a daily log of any monitoring or cultural resource activities, these logs shall be submitted weekly. The CRS shall prepare a monthly summary report on the progress or status of cultural resource monitoring and mitigation activities with Energy Commission technical staff. The CRS and the project owner shall notify the CPM by telephone or email of any incidents of non-compliance with the Conditions of Certification and/or applicable LORS within 24 hours of becoming aware of the situation. The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the Conditions of Certification and/or applicable LORS within 24 hours of becoming aware of the situation. The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the Conditions of Certification. Antieve compliance with the Conditions of Certification. A Native American monitor shall be obtained, at a minimum on an on-call basis, to monitor resolve charies that the concerned Native American artifacts are discovered. Informational lists prepared by the Native American Artifacts are discovered. Informational lists prepared by the Native American with traditional ties to the area that will be monitored.	Within 5 days after the initial groundbreaking, the CRS or alternate CRS will provide a letter (electronic or paper) to the CPM and the project owner of the assessment of the initial groundbreaking observations, including the type (intermittent to full time) and duration of cultural resources monitoring for review and approval by the CPM. Monitoring shall not be completed until the CRS has determined that continued construction will not result in an impact to cultural resources and has provided a letter stating so to the CPM and the project owner. During the ground disturbance phases of the project, all daily logs will be submitted on a weekly basis to the CPM either through email, fax, or hard copy. During the ground disturbance phases of the project, the project owner shall include in the MCR to the CPM copies of the monthly summary reports prepared by the CRS regarding project-related cultural resources monitoring. Within 24 hours of recognition of a non-compliance issue with the Conditions of Certification and/or applicable LORS, the CRS and the project owner shall notify the CPM by telephone of the problem and of steps being taken to resolve the problem. The telephone call shall be followed by an e-mail or fax detailing the non-compliance issue and the measures necessary to achieve resolution of the issue. Daily logs shall include forms detailing any instances of non-compliance. In the event of any non-compliance issue, a neorcompliance incident that describes the issue, resolution of the issue, and the effectiveness of the resolution measures shall be provided in the MCR following completion of the resolut. When Native American artifacts are found, the project owner shall send notification to the CPM identifying the person(s) retained, at a minimum, on an on-call basis to conduct Native American monitori are unsuccessful, the project owner shall immediately inform the CPM who will initiate a resolution process.	12/22/03
CUL-4	CONS	The project owner shall submit the Cultural Resources Report (CRR) to the CPM for approval. The CRR shall be written by the CRS and shall be provided in the Archaeological Resources Management Report (ARMR) format. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analysis. All survey reports, DPR 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) shall be included as an appendix to the CRR.	The project owner shall submit the CRR within 90 days after completion of ground disturbance (including landscaping). Within 10 days after CPM approval, the project owner shall provide documentation to the CPM that copies of the CRR have been provided to the State Historic Preservation Officer (SHPO), the CHRIS, and the curating institution (if archaeological materials were collected).	12/22/03

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		Prior to and for the duration of ground disturbance, the project owner shall	The project owner shall provide in the Monthly Compliance Report the	12/22/03
CUL-5	CONS	provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment. The training may be presented in the form of a video. The training shall include: 1. a discussion of applicable laws and penalties under the law; 2. samples or visuals of artifacts that might be found in the project vicinity; 3. information that the CRS, alternate CRS, or CRM has the authority to halt construction in the event of a discovery or unanticipated impact to a cultural resource; 4. instruction that employees are to halt work on their own in the vicinity of a potential cultural resources find, and shall contact their supervisor and the CRS or CRM; redirection of work would be determined by the construction supervisor and the CRS; 5. an informational brochure that identifies reporting procedures in the event of a discovery; 6. an acknowledgement form signed by each worker indicating that they have received the training; and 7. a sticker that shall be placed on each employee's hard hat indicating that that employee has completed environmental training.	WEAP Certification of Completion form of workers who have completed the training in the prior month, as well as a running total of all workers who have completed training to date.	
CUL-6	PC	The project owner shall grant authority to halt construction to the CRS, alternate CRS, and the CRMs in the event previously unknown cultural resource sites or materials are encountered, or if known resources may be impacted in a previously unanticipated manner (discovery). Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event of a discovery, the halting or redirection of construction shall remain in effect until the CRS has determined the discovery is categorically treated as not significant as defined in the research design below, or all of the following have occurred: 1. the CRS has notified the project owner, and the CPM has been notified within 24 hours or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning, including a description of the discovery (or changes in character or attributes), the action taken (i.e. work stoppage or redirection), a recommendation of eligibility and recommendations for mitigation of any cultural resources discoveries whether or not a determination of significance has been made ; 2. the CRS, the project owner, and the CPM have conferred and determined what, if any, data recovery or other mitigation has been completed. A research design shall be prepared to identify the information values that may be contained in a typical cultural resource deposit. The research design shall provide guidance for determining the significance of cultural resource shat shall be categorically treated as not significance and methodology for determining the age of deposits.	At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt construction activities in the vicinity of a cultural resource find, and that the CRS or project owner shall notify the CPM immediately (no later than the following morning of the incident or Monday morning in the case of a weekend) of any halt of construction activities, including the circumstances and proposed mitigation measures. The project owner shall provide the CRS with a copy of the letter granting the authority to halt construction. At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM a research design developed by the CRS for review and approval.	12/22/03
CUL-7	CONS	If any cultural materials are collected as identified in the research design, following the filing of the CPM-approved CRR with the appropriate entities the project owner shall ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository that meets the U.S. Secretary of Interior requirements for the curation of cultural resources. The project owner shall pay any fees for curation required by the repository.	The project owner shall ensure that all recovered cultural resource materials are delivered for curation within 30 days after providing the CPM-approved CRR. For the life of the project, the project owner shall maintain in its compliance files copies of signed contracts or agreements with the public repository to which the project owner has delivered for curation all cultural resource materials collected during data recovery and mitigation for the project.	12/22/03
ELEC-1	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher listed below, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations [CBC 2001, Section 106.3.2, Submittal documents]. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS [2001 CBC, Section 108.4, Approval Required, and Section 108.3, Inspection Requests]. All transmission facilities (lines, switchyards, switching stations, and substations) are covered in Conditions of Certification in the Transmission System Engineering section of this document. A. Final plant design plans to include: 1. one-line diagrams for the 13.8 kV, 4.16 kV and 480 V systems; and 2. system grounding drawings. B. Final plant calculations to establish: 1. short-circuit ratings of plant equipment; 2. ampacity of feeder cables; 3. voltage drop in feeder cables; 4. system grounding requirements; 5. coordination study calculations for fuses, circuit breakers, and protective relay settings for the 13.8 kV, 4.16 kV, and 480 V systems; 6. system grounding requirements; and 7. lighting energy calculations. C. The following activities shall be reported to the CPM in the Monthly Compliance Report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; and 3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission Decision.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	12/22/03

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GEN-1	CONS	The project owner shall design, construct, and inspect the project in accordance with the 2001 California Building Code (CBC) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. (The CBC in effect is that edition that has been adopted by the California Building Standards Commission and published at least 180 days previously.) All transmission facilities (lines, switchyards, switching stations and substations) are covered in Conditions of Certification in the Transmission System Engineering section of this document. In the event that the initial engineering designs are submitted to the CBO when a successor to the 2001 CBC is in effect, the 2001 CBC provisions identified herein shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern.	Within 30 days after receipt of the Certificate of Occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design. The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO [2001 CBC, Section 109 – Certificate of Occupancy].	12/22/03
GEN-2	PC	Prior to submittal of the initial engineering designs for CBO review, the project owner shall furnish to the CPM and to the CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List. The schedule shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide specific packages to the CPM when requested.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO and to the CPM the schedule, the Master Drawing List, and the Master Specifications List of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures and equipment listed in Table 1 below. Major structures and equipment shall be added to or deleted from the Table only with CPM approval. The project owner shall provide schedule updates in the Monthly Compliance Report.	12/22/03
GEN-3	CONS	The project owner shall make payments to the CBO for design review, plan check and construction inspection based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2001 CBC [Chapter 1, Section 107 and Table 1-A, Building Permit Fees; Appendix Chapter 33, Section 3310 and Table A-33-A, Grading Plan Review Fees; and Table A-33-B, Grading Permit Fees], adjusted for inflation and other appropriate adjustments; may be based on hourly rates; or may be as otherwise agreed by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next Monthly Compliance Report indicating that the applicable fees have been paid.	12/22/03
GEN-4	PC	Prior to the start of rough grading, the project owner shall assign a California registered architect, structural engineer, or civil engineer as a resident engineer (RE) to be in general responsible charge of the project [Building Standards Administrative Code (Cal Code of Regs., tit. 24, § 4-209, Designation of Responsibilities)]. All transmission facilities (lines, switchyards, switching stations and substations) are covered in conditions of certification in the Transmission System Engineering section of this document. The RE may delegate responsibility for portions of the project to other registered engineers. Registered mechanical and electrical engineers may be delegated responsibility for mechanical and electrical engineers may be delegated responsibility for each designated part. The RE shall: 1. Monitor construction progress of work requiring CBO design review and inspection to ensure compliance with LORS; 2. Ensure that construction of all the facilities subject to CBO design review and inspection conforms in every material respect to the applicable LORS, these Conditions of Certification, approved plans, and specifications; 3. Prepare documents to initiate changes in the approved drawings and specifications when directed by the project inspectors and testing agency(ies) with complete and up-to-date set(s) of stamped drawings, plans, specifications and any other required documents; 5. Be responsible for notifying the CBO of corrective action or the disposibility for her timely submittal of construction progress reports to the CBO from the project proved plans and specifications. The RE shall have the authority to halt construction, and to require changes or remedial work, if the work does not conform to applicable requirements. If the RE or the delegated engineers to the CBO for review and approval. The project owner shall anotify the CPM of the CBO's approval of the new engineer.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval. If the RE or the delegated engineer(s) are subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	12/22/03

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GEN-5	CONS	Prior to the start of construction, the project owner shall assign at least one of each of the following California registered engineers to the project: a) a civil engineer; b) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; c) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; d) a mechanical engineer; and e) an electrical engineer. [California Business and Professions Code section 6704 et seq., and sections 6730 and 6736 requires state registration to practice as a civil engineer or structural engineer in California.] All transmission facilities (lines, switchyards, switching stations and substations) are covered in Conditions of Certification in the Transmission System Engineering section of this document. The tasks performed by the civil, mechanical, electrical or design engineers may be divided between two or more engineers, as long as each engineer is responsible for a particular segment of the project (e.g., proposed earthwork, civil structures, power plant structures, equipment support). No segment of the project shall have more than one responsible engineer. The transmission line may be the responsibility of a separate California registered electrical engineer. The project owner shall submit to the CBO, for review and approval, the names, qualifications, and registration numbers of all responsible engineers assigned to the project [2001 CBC, Section 104.2, Powers and Duties of Building Official]. If any one of the designated responsible engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications, and registration number of the newly assigned responsible engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer. A: The civil engineer shall: 1. Design, or be responsible for design, stamp, and sign all plans, calc	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of all the responsible engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval. If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	12/22/03
GEN-6	CONS	<ul> <li>2. Dravide concultation to the PE during the construction phase of the Prior to the start of an activity requiring special inspection, the project owner shall assign to the project qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2001 CBC, Chapter 17 [Section 1701, Special Inspections; Section 1701.5, Type of Work (requiring special inspection)]; and Section 106.3.5, Inspection and observation program. All transmission facilities (lines, switchyards, switching stations and substations) are covered in Conditions of Certification in the Transmission System Engineering section of this document.</li> <li>The special inspector shall:</li> <li>1. Be a qualified person who shall demonstrate competence, to the satisfaction of the CBO, for inspection of the particular type of construction requiring special or continuous inspection;</li> <li>2. Observe the work assigned for conformance with the approved design drawings and specifications;</li> <li>3. Furnish inspection reports to the CBO and RE. All discrepancies shall be brought to the immediate attention of the RE for correction then, if uncorrected, to the CBO and the CPM for corrective action [2001 CBC, Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector]; and</li> <li>4. Submit a final signed report to the RE, CBO, and CPM stating whether the work requiring special inspection was, to the best of the inspector's knowledge, in conformance with the approved plans and specifications as well as the applicable provisions of the applicable edition of the CBC.</li> <li>A certified weld inspector, certified by the American Welding Society (AWS) and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels).</li> </ul>	At least 15 days (or project owner and CBO approved alternative timeframe) prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above. The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next Monthly Compliance Report. If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval. The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	12/22/03
GEN-7	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend the corrective action required [2001 CBC, Chapter 1, Section 108.4, Approval Required; Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector; Appendix Chapter 33, Section 3317.7, Notification of Noncompliance]. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this Condition of Certification and, if appropriate, the applicable sections of the CBC and/or other LORS. The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next Monthly Compliance Report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval andthe revised corrective action to obtain CBO's approval.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next Monthly Compliance Report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	12/22/03
GEN-8	CONS	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. When the work and the "as-built" and "as graded" plans conform to the approved final plans, the project owner shall notify the CPM regarding the CBO's final approval. The marked up "as-built" drawings for the construction of structural and architectural work shall be submitted to the CBO. Changes approved by the CBO shall be identified on the "as-built" drawings [2001 CBC, Section 108, Inspections]. The project owner shall retain one set of approved engineering plans, specifications, and calculations at the project [2001 CBC, Section 106.4.2, Retention of Plans].	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM in the next Monthly Compliance Report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing final approved engineering plans, specifications and calculations as described above, the project owner shall submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.	12/22/03

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HAZ-1	OPS	The project owner shall not use any hazardous materials not listed in Appendix C, below, or in greater quantities than those identified by chemical name in Appendix C, below, unless approved in advance by Riverside County and the Compliance Project Manager (CPM).	The project owner shall provide to the CPM, in the Annual Compliance Report, a list of hazardous materials present at the facility in reportable quantities.	12/22/03
HAZ-2	CONS	The project owner shall provide a Business Plan to the Certified Unified Program Authority (CUPA) (Riverside County Environmental Health Department) for review and to the CPM for review. The project owner shall also provide a Risk Management Plan (RMP) to the CUPA and the CPM for review at the time the RMP is first submitted to the U.S. Environmental Protection Agency (EPA). After receiving comments from the CUPA and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Business Plan and RMP shall be provided to the CUPA and EPA for information and to the CPM for approval.	At least 45 days prior to receiving any hazardous material on the site, the project owner shall provide a copy of the final Business Plan to the CPM for approval. At least 60 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the CUPA for information and to the CPM for approval.	12/22/03
HAZ-3	CONS	The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of aqueous ammonia with incompatible hazardous materials.	At least 30 days prior to the initial delivery of aqueous ammonia to the facility, the project owner shall provide a safety management plan as described above to the CPM for review and approval.	12/22/03
HAZ-4	CONS	The aqueous ammonia storage facility shall be designed to either the ASME Boiler & Pressure Vessel Code and ANSI K61.1 or to API 620. In either case, a secondary containment basin capable of holding the largest tank volume, plus the volume associated with 24 hours of rain assuming the 25- year storm, shall be provided to contain any releases from the storage tanks.	At least 30 days prior to the initial delivery of aqueous ammonia to the facility, the project owner shall submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	12/22/03
HAZ-5	CONS	The project owner shall ensure that no flammable material is stored within 50 feet of the sulfuric acid tank.	At least 30 days prior to initial receipt of sulfuric acid on-site, the project owner shall provide copies of the facility design drawings showing the location of the sulfuric acid storage tank and the location of any tanks, drums, or piping containing any flammable materials.	12/22/03
HAZ-6	CONS	The project owner shall ensure that the gas pipeline undergoes a complete design review and detailed inspection 30 days after initial startup and every 5 years thereafter. Those portions of the natural gas pipeline that are owned by a regulated public utility which is subject to a substantively similar requirement shall not be subject to this condition.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall undertake a full and comprehensive pipeline design review. The project owner shall provide an outline of the pipeline design plan to the CPM for review and approval. The full and complete plan shall be amended, as appropriate, and submitted to the CPM for review and approval not later than one year before the plan is implemented by the project owner.	12/22/03
HAZ-7	CONS	After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline shall be inspected by the project owner. Those portions of the natural gas pipeline that are owned by a regulated public utility which is subject to a substantively similar requirement shall not be subject to this condition.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide a detailed plan to the CPM for review and approval so that the CPM is assured that a full and comprehensive pipeline inspection will occur in the event of an earthquake. This plan shall be amended, as appropriate, and submitted to the CPM for review and approval at least every five years.	12/22/03
HAZ-8	CONS	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-307.	At least 30 days prior to the first receipt of aqueous ammonia on site, the project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	12/22/03
HAZ-9	CONS	The project owner shall ensure that the hydrogen gas storage cylinders are stored in an area out of the plane of the turbines and per the clearance requirements of NFPA 50A.	At least 30 days prior to the first receipt of hydrogen gas on-site, the project owner shall provide copies of the facility design drawings showing the location of the hydrogen gas cylinders and the location of any tanks, drums, or piping containing any combustible or flammable material.	12/22/03
HAZ-10	CONS	The project owner shall direct and require all vendors delivering any hazardous material to the site to use only the route approved by the CPM (I-215 to Ethanac Road to Antelope Road and then into the facility). The project owner shall obtain approval of the CPM if an alternate route is desired.	At least 30 days prior to the first receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route to the CPM for review and approval.	12/22/03
HAZ-11	CONS	The project owner shall direct all vendors carrying any liquid hazardous materials greater than 500 gallons not to deliver during the time in the mornings and afternoons when children are going to and from school. The project owner shall coordinate with any present or future schools near the facility regarding the times when students may be traveling in the transportation route area.	At least 30 days prior to the first receipt of any hazardous materials on site, the project owner shall submit documentation to the CPM identifying the hours that delivery of hazardous materials may and may not take place.	12/22/03
HAZ-12	CONS	The project owner shall ensure that the construction, operation, and maintenance of the natural gas pipeline is done in compliance with Public Utilities Commission General Order 112-E and 58-A standards, and Federal Department of Transportation (DOT) regulations, Title 49, Code of Federal Regulations (CFR), Parts 190, 191, and 192. Those portions of the natural gas pipeline that are owned by a regulated public utility which is subject to a substantively similar requirement shall not be subject to this condition.	At least 30 days prior to the construction of the gas pipeline, the project owner shall provide proof that the above regulations will be complied with to the CPM	12/22/03
HAZ-13	CONS	The project owner shall include the following safety measures for the natural gas compressor enclosure: 1. inside natural gas sensors 2. inside fire (flame) detectors 3. remotely operated gas compressor shut-off valves actuated by the plant operator from the control room 4. outside manual shut-off valves located at least 50 feet from the gas compressor building 5. CO2 fire suppression system for the compressor enclosures 6. unobstructed access to the compressor building by off-site fire department equipment and personnel from two directions 7. a maintenance schedule for the gas compressor	At least thirty (30) days prior to the introduction of natural gas to the pipeline, the project owner shall provide the CPM with a written description of the safety measures applied to the gas compressor enclosure.	06/22/05
		Prior to the start of construction, the project owner shall obtain the	Within 30 days prior to the start of construction, the project owner shall	12/22/03
LAND-1	PC	necessary approval(s) from the County and complete any lot merger or lot line adjustments necessary to ensure that the proposed project, including associated facilities, improvements and buffer areas which would allow adjacent parcels to be developed to their full extent as presently zoned, will be located on a single legal lot.	provide the CPM with proof of completion of the above adjustments or satisfactory evidence that no such adjustments are necessary.	

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MECH-1	CONS	The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in Table 1, Condition of Certification GEN 2, above. Physical layout drawings and drawings not related to code compliance and life safety need not be submitted. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of said construction [2001 CBC, Section 106.3.2, Submittal Documents; Section 108.3, Inspection Requests; Section 108.4, Approval Required; 2001 California Plumbing Code, Section 103.5.4, Inspection Request; Section 301.1.1, Approval]. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems subject to the CBO design review and approval, and submit a signed statement to the CBO when the said proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations, and industry standards [Section 106.3.4, Architect or Engineer of Record], which may include, but not be limited to: American National Standards Institute (ANSI) B31.1 (Power Piping Code); ANSI B31.3 (Chemical Plant and Petroleum Refinery Piping Code); ANSI B31.8 (Gas Transmission and Distribution Piping Code); Title 24, California Code of Regulations, Part 5 (California Energy Code, for building energy conservation systems and temperature control and ventilation systems); Title 24, California Code of Regulations, Part 2 (California Building Code); and Specific City/County code. The CBO may deputize inspectors to carry out the functions of the code enforcement agency [2001 CBC, Section 104.2.2, Deputies].	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of major piping or plumbing construction listed in Table 1, Condition of Certification GEN-2 above, the project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report. The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	12/22/03
MECH-2	CONS	For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of said installation [2001 CBC, Section 108.3, Inspection Requests]. The project owner shall: 1. Ensure that all boilers and fired and unfired pressure vessels are designed, fabricated and installed in accordance with the appropriate section of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code or other applicable code. Vendor certification, with identification of applicable code, shall be submitted for prefabricated vessels and tanks; and 2. Have the responsible design engineer submit a statement to the CBO that the proposed final design plans, specifications and calculations conform to all of the requirements set forth in the appropriate ASME Boiler and Pressure Vessel Code or other applicable codes.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for design review and approval the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM. The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	12/22/03
MECH-3	CONS	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC), or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. The project owner shall design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of any increment of construction, the project owner shall request the CBO's inspection and approval of said construction. The final plans, specifications, and calculations shall include approved criteria, assumptions, and methods used to develop the design. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings, and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications, and calculations, specifications, and calculations (2001 CBC, Section 108.7, Other Inspections; Section 106.3.4, Architect or Engineer of Record].	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction of any HVAC or refrigeration system, the project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	12/22/03
NOISE-1	PC	At least 15 days prior to the start of ground disturbance, the project owner shall notify all residents within one-half mile of the site and the linear facilities, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement, signed by the project manager, stating that the above notification has been performed, and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.	12/22/03
NOISE-2	Ongoing	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints. The project owner or authorized agent shall: Use the Noise Complaint Resolution Form (see Attachment 1), or functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; Attempt to contact the person(s) making the noise complaint within 24 hours;	Within 5 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form with the Riverside County Planning Department and the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	12/22/03
NOISE-3	PC	The project owner shall submit a noise control program plan to the CPM for review and approval. The noise control program shall be used to reduce employee exposure to high noise levels during construction and also to comply with applicable OSHA and Cal-OSHA standards.	At least 30 days prior to the start of ground disturbance, the project owner shall submit to the CPM the noise control program. The project owner shall make the program available to Cal-OSHA upon request.	12/22/03

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NOISE-4	СОММ	If a traditional, high-pressure steam <u>or air</u> blow process is employed, the project owner shall equip steam/ <u>air</u> blow piping with a temporary silencer that quiets the noise of steam/ <u>air</u> blows to no greater than 86 dBA measured at a distance of 100 feet. The noise level at the nearest residence produced by this operation must be less than a constant value of 48 dBA. The project owner shall conduct high pressure steam/ <u>air</u> blows only during the hours of 8 a.m. to 5 p.m., unless the CPM agrees to longer hours based on a demonstration by the project owner that offsite noise impacts will not cause annoyance. If a low-pressure continuous steam blow or air blow process, with expected noise levels and projected period of execution, to the CPM, who shall review the proposal with the objective of ensuring that the resulting noise levels from this process do not exceed 42 dBA hourly Leq at the most-affected residence. If the low-pressure process is approved by the CPM, the project owner shall implement it in accordance with the requirements of the CPM.	At least 15 days prior to the first high-pressure steam/ <u>air</u> blow, the project owner shall submit to the CPM drawings or other information describing the temporary steam/ <u>air</u> blow silencer and the noise levels expected, and a description of the steam/ <u>air</u> blow schedule. At least 15 days prior to any low-pressure continuous steam/ <u>air</u> blow, the project owner shall submit to the CPM drawings or other information describing the process, including the noise levels expected and the projected time schedule for execution of the process.	06/22/05
NOISE-5	СОММ	Prior to the first steam or air blow(s), the project owner shall notify all residents within one-half mile of the site, and the principal of the Romoland School, of the planned activity, and shall make the notification available to other area residents in an appropriate manner.	The notification may be in the form of letters to the area residences, telephone calls, fliers or other effective means. The notification shall include a description of the purpose and nature of the steam or air blow(s), the proposed schedule, the expected sound levels, and the explanation that it is a one-time operation and not a part of normal plant operations.	12/22/03
NOISE-6	СОММ	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise level produced by operation of the project (including the gas compressor station) will not exceed an L50 of 45 dBA measured at any residence. No new pure tone components may be introduced. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. Steam relief valves shall be adequately muffled to preclude noise that draws legitimate complaints. The measurement of power plant noise for the purposes of demonstrating compliance with this Condition of Certification may alternatively be made at a location, acceptable to the CPM, closer to the plant (e.g., 400 feet from the plant boundary) and this measured level then mathematically extrapolated to determine the plant noise contribution at the nearest residence. However, notwithstanding the use of this alternative method for determining the noise level, the character of the plant noise shall be evaluated at the nearest residence to determine the project first achieves a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct a 25-hour community noise survey at Locations 1, 2, and 3 (Ex. 67, p. 5.6-5). The noise survey shall also include short-term measurement of one-third octave band sound pressure levels at each of the above locations to ensure that no new puretone noise components have been introduced. If the results from the two noise surveys (AFC vs. post-construction) indicate that the noise level due to the plant operations exceeds 45 dBA for any given hour during the 25-hour period, mitigation measures shall be implemented to reduce noise to a level of compliance with these limits. If the results from the two noise surveys (AFC vs. post-construction) indicate that pure tones are present, mitigation measures shall be implemented to eliminate the pure tones.	The post-construction survey shall take place within 30 days of the project first achieving a sustained output of 80 percent or greater of rated capacity. Within 15 days after completing the post-construction survey, the project owner shall submit a summary report of the survey to the Riverside County Planning Department and to the CPM. Included in the post-construction survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures. When these measures are in place, the project owner shall repeat the operational noise survey. Within 15 days of completion of installation of these measures, the project owner shall submit to the CPM a summary report of a new noise survey, performed as described above and showing compliance with this condition.	12/22/03
NOISE-7	СОММ	Following the project first achieving a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. The project owner shall prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable California and federal regulations.	Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request.	12/22/03
NOISE-8	CONS	Heavy equipment operation and noisy construction work shall be restricted to the times of day delineated below: Weekdays 7 a.m. to 7 p.m. Weekends and Holidays 8 a.m. to 5 p.m. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies. Horizontal drill rigs may be operated on a continuous basis, provided that the rigs are fitted with adequate mufflers and engine enclosures.	Prior to ground disturbance, the project owner shall transmit to the CPM in the first Monthly Construction Report a statement acknowledging that the above restrictions will be observed throughout the construction of the project	12/22/03

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PAL-1	PC	The project owner shall provide the CPM with the resume and qualifications of its Paleontological Resource Specialist (PRS) for review and approval. If the approved PRS is replaced prior to completion of project mitigation and report, the project owner shall obtain CPM approval of the replacement. The project owner shall submit to the CPM, to keep on file, resumes of the qualified Paleontological Resource Monitors (PRMs). If the PRMs are replaced, resumes of the replacement PRMs shall also be provided to the CPM. The PRS resume shall include the names and phone numbers of contacts. The resume shall also demonstrate to the satisfaction of the CPM, the appropriate education and experience to accomplish the required paleontological resource tasks. As determined by the CPM, the PRS shall meet the minimum qualifications for a vertebrate paleontologist as described in the Society of Vertebrate Paleontology (SVP) guidelines of 1995. The experience of the PRS shall include the following: 1. institutional affiliations or appropriate credentials and college degree; 2. ability to recognize and collect fossils in the field; 3. local geological and biostratigraphic expertise; 4. proficiency in identifying vertebrate and invertebrate fossils; and 5. in addition, the PRS shall have at least three years of paleontological resource monitors (PRMs) shall have the equivalent of the following concernitigation and field activities. The project owner shall ensure that the PRS obtains qualified paleontological resource monitors (PRMs) shall have the equivalent of the following qualifications: 1. Bs or BA degree in geology or paleontology and one year experience monitoring in California; or 2. AS or AA in geology, paleontology, or biology and four years experience monitoring in California; or 3. Enrollment in upper division classes pursuing a degree in the fields of geology or paleontology and two years of monitoring experience in California.	At least 30 days prior to the start of ground disturbance, the project owner shall submit a resume and statement of availability of its designated PRS for on-site work. At least 20 days prior to ground disturbance, the PRS or project owner shall provide a letter with resumes naming anticipated monitors for the project and stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition. If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. The letter shall be provided to the CPM no later than one week prior to the monitor beginning on-site duties. Prior to the termination or release of a PRS, the project owner shall submit the resume of the proposed new PRS to the CPM for review and approval. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Paleontological Resource Specialist is proposed to the CPM for consideration.	12/22/03
PAL-2	PC	The project owner shall provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant and all linear facilities. Maps shall identify all areas of the project where ground disturbance is anticipated. If the PRS requests enlargements or strip maps for linear facility routes, the project owner shall provide copies to the PRS and CPM. The site grading plan and the plan and profile drawings the location, depth, and extent of all ground disturbances and may be 1 inch = 40 feet to 1 inch = 100 feet range. If the footprint of the power plant or linear facility changes, the project owner shall provide maps and drawings reflecting these changes to the PRS and CPM. If construction of the project will proceed in phases, maps and drawings may be submitted prior to the start of each phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes. At a minimum, the project owner shall ensure that the PRS consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.	At least 30 days prior to the start of ground disturbance, the project owner shall provide the maps and drawings. If there are changes to the footprint of the project, revised maps and drawings shall be provided at least 15 days prior to the start of ground disturbance. If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM within 5 days of identifying the changes.	12/22/03
PAL-3	PC	The project owner shall ensure that the PRS prepares, and the project owner shall submit to the CPM for review and approval, a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) to identify general and specific measures to minimize potential impacts to significant paleontological resources. Approval of the PRMMP by the CPM shall occur prior to any ground disturbance. The PRMMP shall function as the formal guide for monitoring, collecting, and sampling activities and may be modified with CPM approval. This document shall be used as a basis for discussion in the event that on-site decisions or changes are proposed. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM. The PRMMP shall be developed in accordance with the guidelines of the Society of the Vertebrate Paleontology (SVP, 1995) and shall include, but not be limited to, the following: • Assurance that the performance and sequence of project-related tasks, such as any literature searches, pre-construction surveys, worker environmental training, fieldwork, flagging or staking; construction monitoring; mapping and data recovery; fossil preparation and collection; identification and inventory; preparation of final reports; and transmittal of materials for curation will be performed according to the PRMMP procedures; • Identification of the person(s) expected to assist with each of the tasks identified within the PRMMP and all Conditions for Certification; • A thorough discussion of the anticipated geologic units expected to be encountered, the location and depth of the units relative to the project when known, and the known sensitivity of those units based on the occurrence of fossils either in that unit or in correlative units; • An explanation of why, how, and how much sampling is expected to take place and in what units. Include descriptions of different sampling procedures that shall be used for fine-grained and coarsegrained beds; • A discussion of the procedures to be followed in the	At least 30 days prior to ground disturbance, the project owner shall provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the project owner evidenced by a signature.	12/22/03

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PAL-4	PC	Prior to ground disturbance and for the duration of construction, the project owner and the PRS shall prepare and conduct weekly CPM-approved training for all project managers, construction supervisors, and workers who are involved with or operate ground disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick-off for those mentioned above. Following initial training, a CPM-approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or any other areas of interest or concern. The Worker Environmental Awareness Program (WEAP) shall address the potential to encounter paleontological resources in the field, the sensitivity and importance of these resources, and the legal obligations to preserve and protect such resources. The training shall include: • A discussion of applicable laws and penalties under the law; • For locations of high sensitivity, good quality photographs or physical examples of vertebrate fossils that may be expected in the area shall be provided; • Information that the PRS or PRM has the authority to halt or redirect construction in the event of a discovery or unanticipated impact to a paleontological resource; • Instruction that employees are to halt or redirect work in the vicinity of a find and to contact their supervisor and the PRS or PRM; • An informational brochure that identifies reporting procedures in the event of a discovery, a Certification of Completion of WEAP form signed by each worker indicating that they have received the training; and a sticker that shall be placed on hard hats indicating that environmental training has been completed.	At least 30 days prior to ground disturbance, the project owner shall submit the proposed WEAP including the brochure with the set of reporting procedures the workers are to follow. At least 30 days prior to ground disturbance, the project owner shall submit the script and final video to the CPM for approval if the project owner is planning on using a video for interim training. If an alternate paleontological trainer is requested by the owner, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval. Alternate trainers shall not conduct training prior to CPM authorization. The project owner shall provide in the Monthly Compliance Report (MCR) the WEAP copies of the Certification of Completion forms with the names of those trained and the trainer or type of training offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	12/22/03
PAL-5	CONS	The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified. In the event that the PRS determines full time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if potentially significant paleontological resources are encountered in the judgment of the PRS. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. Monitoring activities shall be conducted as follows: 1) Any change of monitoring different from the accepted schedule presented in the PRMMP shall be proposed in a letter or email from the PRS and the project owner shall ensure that the PRM(s) keeps a daily log of monitoring of paleontological resource activities. The PRS may informally discuss paleontological resource activities. The PRS may informally discuss paleontological resource monitoring and mitigation activities with the CPM at any time. 3) The project owner shall ensure that the PRS immediately notifies the CPM of any incidents of non-compliance with any paleontological resources Conditions of Certification. The PRS shall recommend corrective action to resolve the issues or achieve compliance with the Conditions of Certification. The PRS shall recommend corrective action to resolve the issues or achieve compliance with any paleontological resources Conditions of Certification. The PRS shall recommend corrective action to resolve the issues or achieve compliance with any paleontological resources Conditions of Certification. The PRS prepares a summary of the monitoring and other paleontological activities that will be placed in the following morning after the find, or Monday morning in the	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR.	12/22/03
PAL-6	CONS	The project owner, through the designated PRS, shall ensure the collection, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during the monitoring, data recovery, mapping, and mitigation activities related to the project.	The project owner shall maintain in their compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. The project owner shall maintain these files for a period of three years after completion and approval of the CPM-approved PRR. The project owner shall be responsible to pay any curation fees required by the museum for fossils collected and curated as a result of paleontological monitoring and mitigation.	12/22/03
PAL-7	CONS	The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of the ground disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information and submitted to the CPM for review and approval. The report shall include, but not be limited to, a description and inventory of recovered fossil materials; a map showing the location of paleontological resources encountered; determinations of sensitivity and significance; and a statement by the PRS that project impacts to paleontological resources have been mitigated.	Within 90 days after completion of ground disturbing activities, including landscaping, the project owner shall submit the Paleontological Resources Report under confidential cover to the CPM.	12/22/03
Public Health-1	CONS	The project owner shall develop and implement a cooling tower Biocide Use, Biofilm Prevention, and Legionella Control Program to ensure that cooling tower bacterial growth is controlled. The program shall be consistent with CEC guidelines or the Cooling Technology Institute guidelines.	At least 30 days prior to the commencement of cooling tower operations, the project owner shall provide the Biocide Use, Biofilm Prevention, and Legionella Control Program to the CPM for review and approval.	12/22/03
SOCIO-1	CONS	The project owner shall pay the one-time statutory school development fee as required at the time of filing for the in-lieu building permit with the Riverside County Building Department.	The project owner shall provide proof of payment of the statutory development fee in the Monthly Compliance Report following the payment.	12/22/03
SOIL & WATER- 1	PC	Prior to beginning any site mobilization activities for any project element, the project owner shall obtain Compliance Project Manager (CPM) approval for a site-specific Erosion and Sedimentation Control Plan (ESCP) that addresses all project elements. The ESCP shall be consistent with the standards normally required in Riverside County's Grading and Excavation Permits for all project elements, including a Geotechnical Soils Report and specification of any areas for import or export of soils. The plan shall address revegetation and be consistent with the grading and drainage plan as required by Condition of Certification CIVIL 1.	No later than 60 days prior to the start of any site mobilization for any project element, the project owner shall submit the ESCP to the CPM for review and approval. No later than 60 days prior to start of any site mobilization, the project owner shall submit a copy of the ESCP to the County of Riverside Building and Safety Department for review and request any comments be provided to the CPM within 30 days.	12/22/03

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SOIL & WATER- 2	PC	Prior to beginning site mobilization, the project owner shall submit a Notice of Intent for construction under the General National Pollutant Discharge Elimination System (NPDES) Permit for Discharges of Storm Water Associated with Construction Activity to the State Water 236 Resources Control Board (SWRCB). The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the construction of the entire project. The SWPPP shall be submitted to Riverside County for review and comment, and to the CPM for review and approval. The SWPPP shall include a final construction drainage design consistent with the criteria specified by County of Riverside, and specify Best Management Practices (BMPs) for all on- and off-site IEEC project facilities. BMPs shall control soil erosion from storm water drainage below the detention pond and from storm water discharge of the eastern boundary interception ditch. Conditions of Certification BIO-7 and BIO-8 address requirements for 401 Water Quality Certification from the Regional Water Quality Control Board and a Section 404 Permit from the Army Corps of Engineers.	No later than 60 days prior to the start of site mobilization for any project element, the SWPPP for Construction Activity, and a copy of the Notice of Intent for construction under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity filed with the SWRCB, shall be submitted by the project owner to the County of Riverside Building and Safety Department for comments and to the CPM for approval. Approval of the SWPPP must be received from the CPM prior to site mobilization.	12/22/03
SOIL & WATER- 3	СОММ	Prior to project commercial operation, the project owner shall submit a Notice of Intent for operation under the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity to the State Water Resources Control Board (SWRCB). The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the project. The SWPPP shall be submitted to Riverside County for review and comment, and to the CPM for review and approval. The SWPPP shall include final operating drainage design consistent with the criteria specified by the County of Riverside, <b>including those criteria</b> <b>relating to any adjacent flood control channels</b> , and specify BMPs and monitoring requirements for the IEEC project facilities. BMPs shall control soil erosion from drainage of storm water below the <b>vegetated swales or</b> <b>detention pond</b> and from storm water discharge in the eastern boundary interception ditch Conditions of Certification <b>BIO-7</b> and <b>BIO-8</b> address requirements for 401 Water Quality Certification from the Regional Water Quality Control Board and a Section 404 Permit from the Army Corps of Engineers.	No later than 60 days prior to the start of commercial operation for any project element, the SWPPP for Industrial Activity and a copy of the Notice of Intent for operating under the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity filed with the SWRCB, shall be submitted by the project owner to the County of Riverside Building and Safety Department for comments, and to the CPM for approval. Approval of the SWPPP must be received from the CPM prior to commercial operation.	12/22/03
SOIL & WATER- 4	OPS	The project owner shall use tertiary-treated water supplied from Eastern Municipal Water District's (EMWD's) Recycled Water System as its primary source of water for cooling, process, and landscape irrigation. Based on EMWD's projected availability of recycled water supply to IEEC, it is recognized that EMWD may need to augment its recycled water system with raw water during the early years of IEEC project operation. The project owner shall obtain copies of project water use records derived from EMWD's recycled water revenue meters. In addition, the project owner shall obtain copies of meter records or other appropriate records documenting methodology used by EMWD for billing purposes to quantify EMWD's raw water augmentation to its recycled water system at the Perris Water Treatment Plant for indirect supply to IEEC. The project owner shall prepare an annual summary, which shall include the monthly range and monthly average of daily water usage in gallons per day, and total water used on a monthly and annual basis in acre-feet. The annual summary shall distinguish sources and uses of water according to recycled water supplied for IEEC cooling, process, and landscape irrigation purposes, and raw water augmenting EMWD's recycled water system at the Perris Water Treatment Plant. For years subsequent to the initial year of IEEC operation, the annual summary shall also include the yearly range and yearly average water use.	The project owner shall submit a water use summary report to the CPM in the Annual Compliance Report (ACR) for the life of the project Any significant changes in the water supply for the project 's use of recycled and/or raw water for cooling, process or landscape uses shall be specified in writing to the CPM at least 60 days prior to the proposed effective date of the change.	12/22/03
SOIL & WATER- 5	OPS	The project owner shall use recycled water to the fullest extent possible. In the initial years of operation, EMWD may need to supplement recycled water with raw imported water in amounts that will not impact the adequacy of supplies of imported water to others. The project owner must develop a mechanism with EMWD to determine the extent to which imported water is indirectly used to supplement recycled water to supply IEEC, and report annually to the CPM the actual amounts of raw water indirectly supplied to IEEC. The project owner shall work cooperatively with EMWD to ensure that such indirect use does not exceed the amounts shown in the following table, except under the circumstances specified below.Excerpt from SOIL AND WATER Table 8, Maximum Limits of RAW Water Augmentation to EMWD's Recycled Water System Attributable to IEEC (acre-feet/year) (Ex. 67, 5.9-26.) Year: Maximum Permissible Limits of Raw Water Augmentation Attributable to IEEC 2005: 1,000 2006: 800 2007: 600 2008: 400 2009: 200 2010: 100 2011 and after: 100 If a recycled water supply deficiency occurs due to an act of God, a natural disaster, an unforeseen emergency, or other unforeseen circumstances outside the control of the project owner, additional raw water in excess of these amounts can be used. If one of the aforementioned unavoidable circumstances should occur, the CPM, project owner and EMWD shall confer and determine how to restore the recycled water supply as soon as practicable.	The project owner shall submit a water use summary to the CPM in the ACR for the life of the project. Any significant change in the water supply for the project during construction or operation of the plant shall be specified in writing to the CPM at least 60 days prior to the proposed effective date of the change, and shall be subject to conferring with EMWD and the CPM. The project owner shall track its raw water use on a monthly basis using EMWD's meter readings or other appropriate methodology used for EMWD's billing purposes in order to notify the CPM immediately upon exceeding, or upon forecasting to exceed, the maximum raw water use as specified above.	12/22/03
SOIL & WATER- 6	OPS	Prior to project commercial operation, the project owner shall submit an executed and final Service Agreement with EMWD. The Service Agreement shall address recycled water and raw water supplemented for process, cooling and landscape irrigation, potable water or domestic and fire protection, process and sanitary wastewater services. The Service Agreement shall include the Industrial Waste Discharge Permit and Non-Reclaimable Wastewater Discharge Permit as issued by EMWD.	At least 30 days prior to project commercial operation, the project owner shall submit to the CPM a copy of the executed Service Agreement for IEEC between the project owner and EMWD for obtaining recycled water, supplemental raw water, potable water, process wastewater discharge and sanitary wastewater service.	12/22/03

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SOIL & WATER- 7	СОММ	The Ethanac Wash floodplain is located near the southern boundary of the IEEC Site. Construction of the IEEC shall remain outside of the FEMA floodplain shown on the effective Riverside County Flood Insurance Rate Map (FIRM), Panel 2085 of 3600. The project owner shall notify the CPM of any Conditional Letter of Map Revision (CLOMR) requests to modify the Ethanac Wash Floodplain. The project owner shall review the CLOMR request for potential impacts to the IEEC Site. The project owner will provide the CPM evidence that the IEEC property is protected from flooding due to floodplain modifications. The property owner shall submit to the CPM any Letter of Map Revision (LOMR) issued from FEMA resulting in a change to the effective FIRM where FEMA has requested review by the project owner as a potentially affected owner. The project owner shall verify that the IEEC Site is outside of the special C197flood hazard boundary and elevated above the base flood elevations.	Prior to initiation of commercial operation of the IEEC, the project owner shall submit to the CPM evidence of its review of documentation requesting changes to the Ethanac Wash Floodplain. The project owner shall copy the CPM on their acknowledgment letter to the CLOMR or LOMR applicant stating that the floodplain modification project will not impact the IEEC site. The project owner shall submit to the CPM evidence of the LOMR from FEMA, and a copy of the revised or annotated FIRM showing the IEEC Site. The Annual Compliance Report shall report any floodplain changes that have a potential to impact the IEEC Site during operations.	06/22/05
SOIL & WATER- 8	PC	Existing Condition of Certification Soil and Water-8 was inadvertently shown in strike through text in the Staff Analysis, suggesting that it should be deleted. As the narrative in the Staff Analysis indicates at page 92, it is Staff's intention and recommendation that the existing condition continue to apply to the amended project. Therefore, existing condition Soil and Water- 8 should remain as a Condition of Certification in the form adopted in the original Commission Decision: Prior to site mobilization, the project owner shall pay a Flood Mitigation Fee in the amount assessed in accordance with Riverside County's Homeland/Romoland Area Drainage Plan (ADP) to assist in providing revenue to establish adequate community drainage facilities. The amount of the fee for industrial development shall be calculated on the basis of the prevailing Area Drainage Plan fee rate multiplied by the area of the new development.	Prior to site mobilization, the project owner shall submit to the CPM, documentation that payment has been made to the County of Riverside for the Flood Mitigation Fee.	06/20/05
STRUC-1	CONS	Prior to the start of any increment of construction of any major structure or component listed in Table 1 of Condition of Certification GEN- 2, above, the project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans, and drawings for project structures. Proposed lateral force procedures, designs, plans and drawings shall be those for the following items (from Table 1, above): 1. Major project structures; 2. Major foundations, equipment supports and anchorage; 3. Large field fabricated tanks; 4. <b>Turbine/generator pedestal</b> ; and 5. Switchyard structures. Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures to be employed in designing that structure or component. The project owner shall: 1. Obtain approval from the CBO of lateral force procedures proposed for project structures; 2. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. If there are conflicting requirements, the more stringent shall govern (i.e., highest loads or lowest allowable stresses shall govern). All plans, calculations and specifications for foundations that support structures shall be filed concurrently with the structure plans, calculations, and specifications [2001 CBC, Section 108.4, Approval Required]; 3. Submit to the CBO the required number of copies of the structural plans, specifications, calculations and other required documents of the designated major structures at least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of on-site fabrication and installation of each structure, equipment support, or foundation [2001 CBC, Section 106.4.2, Retention of plans; and Section 106.3.2, Submittal documents]; and 4. Ensure that the final plans, calculations, and specifications clearly reflect the inclusion of approved criteria,	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Table 1 of Condition of Certification GEN-2 above, the project owner shall submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications, and calculations conform with all of the requirements set forth in the Energy Commission's Decision. If the CBO discovers non-conformance with the stated requirements, the project owner shall resubmit the corrected plans to the CBO within 20 days of receipt of the nonconforming submittal, with a copy of the transmittal letter to the CPM. The project owner shall submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements set forth in the applicable engineering LORS.	12/22/03
STRUC-2	CONS	The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval: 1. Concrete cylinder strength test reports (including date of testing, date sample taken, design concrete strength, tested cylinder strength, age of test, type and size of sample, location and quantity of concrete placement from which sample was taken, and mix design designation and parameters); 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports (including location of test, date, bolt size, and recorded torques); 4. Field weld inspection reports (including type of weld, location of weld, inspection of non-destructive testing (NDT) procedure and results, welder qualifications, certifications, qualified procedure description or number (ref: AWS); and 5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2001 CBC, Chapter 17, Section 1701, Special Inspection; Section 1701.5, Type of Work (requiring special inspection); Section 1702, Structural Observation and Section 1703, Nondestructive Te	If a discrepancy is discovered in any of the above data, the project owner shall, within five days, prepare and submit an NCR describing the nature of the discrepancies to the CBO, with a copy of the transmittal letter to the CPM [2001 CBC, Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector]. The NCR shall reference the Condition(s) of Certification and the applicable CBC chapter and section. Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM. The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	12/22/03
STRUC-3	CONS	The project owner shall submit to the CBO design changes to the final plans required by the 2001 CBC, Chapter 1, Section 106.3.2, Submittal documents and Section 106.3.3, Information on plans and specifications, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM. The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	12/22/03
STRUC-4	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2001 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	At least 30 days (or project owner and CBO approved alternate timeframe) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, the project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	12/22/03

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TLSN-1	CONS	The project owner shall ensure that the proposed interconnection transmission lines are constructed according to the requirements of CPUC's GO-95, applicable requirements of Title 8, Section 2700 et seq. of the California Code of Regulations, and SCE's EMF reduction guidelines arising from CPUC Decision 93-11-013.	Thirty days before starting construction of the IEEC's transmission line or related structures and facilities, the project owner shall submit to the Energy Commission's Compliance Project Manager (CPM) a letter signed by a transmission line owner's responsible manger affirming that the overhead section will be constructed according to the requirements GO-95, applicable requirements of Title 8, Section 2700 et seq. of the California Code of Regulations, and SCE's EMF-reduction guidelines arising from CPUC Decision 93-11-013.	12/22/03
TLSN-2	CONS	The project owner shall ensure that all metallic objects along the route of the overhead section are grounded according to industry standards. Those portions of the overhead section that are transferred to a regulated public utility that is subject to a substantively similar requirement shall no longer be subject to this condition.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this condition.	12/22/03
TLSN-3	Ongoing	The project owner shall take the resonable steps to resolve any complaints of interference with radio or television signals from operation of the proposed line.		11/13/05
TLSN-4	OPS			11/13/05
TRANS-1	CONS	The project owner shall comply with California Department of Transportation (Caltrans) and Riverside County limitations on vehicle sizes and weights. Overload Limit Permits will be obtained from Caltrans as necessary. In addition, the project owner or its contractor shall obtain other necessary transportation permits from Caltrans and all relevant jurisdictions for both rail and roadway use.	In the Monthly Compliance Reports, the project owner shall in the Monthly Compliance Reports, the project owner shall submit copies of any oversize and overweight transportation permits received during that reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	12/22/03
TRANS-2	CONS	The project owner or its contractor shall comply with California Department of Transportation (Caltrans), City of Perris, and Riverside County limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits from Caltrans, Riverside County, City of Perris, and all other relevant jurisdictions.	In the Monthly Compliance Reports, the project owner shall submit copies of any encroachment permits received during that reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	12/22/03
TRANS-3	CONS	The project owner shall ensure that all federal and state regulations for the transport of hazardous materials are observed.	The project owner shall include in its Monthly Compliance Reports copies of all permits and licenses acquired by the project owner and/or subcontractors concerning the transport of hazardous materials.	12/22/03
TRANS-4	PC	Following completion of project construction of the IEEC and all linear facilities, the project owner shall restore Ethanac, Matthews, and Palomar Roads to their pre-construction condition unless the damage is shown not to be a result of IEEC construction activities. Protocol: Prior to start of site preparation or earth moving activities, the project owner shall photograph, videotape, or digitally record images of Ethanac Road from I-215 to Matthews Road, Matthews Road from Ethanac Road to Palomar Road, and Palomar Road from Matthews Road to SR 74. The project owner shall provide the CEC Compliance Project Manager (CPM), Riverside County, and Caltrans (as necessary) a copy of these images. At least 60 days prior to start of site preparation or earth moving activities, the project owner shall also notify Caltrans about the schedule for project construction. The purpose of this notification is to allow Caltrans to postpone any planned roadway resurfacing and/or improvement projects until after the project construction has taken place and to coordinate construction related activities associated with other projects.	Within 30 days after completion of project construction, the Within 30 days after completion of project construction, the project owner shall meet with the CPM, Riverside County, and Caltrans (as needed) to determine and receive approval for the actions necessary and schedule to complete the repair of identified sections of public roadways to original or as near original condition as possible. The project owner shall provide to the CPM a letter from Riverside County stating the County's satisfaction with the road improvements.	12/22/03
TRANS-5	PC	During construction of the power plant and all related facilities, the project owner shall ensure that all project-related parking occurs in designated parking areas.	At least 45 days prior to start of site preparation or earth moving activities, the project owner shall submit a parking and staging plan for all phases of project construction to Riverside County for review and comment, and to the CPM for review and approval.	12/22/03
TRANS-6	PC	The project owner shall develop a construction traffic control plan that outlines what measures need to be taken on a month-to-month basis with input from Riverside County, Caltrans and the CPM. Specifically, the construction Contractor shall be required to prepare a traffic control plan and implementation program that addresses timing of heavy equipment and building material deliveries; employee trip reduction; and signing, lighting, and traffic control device placement. The following specific best management practices will be incorporated into the construction traffic control plan: Truckloads will not exceed legal limits. Loads of material (i.e. excavated soil) will either be enclosed by vehicle covers, or wetted and loaded in the truck to provide at least one foot of free board and prevent wind blowing materials out of the truck. Trucks and trailers will be swept clean or hosed after unloading and before entering a public roadway. Mufflers, brakes, and all loose items on trucks will be maintained to minimize noise and ensure safe operation. Truck operations will be kept to quietest operating speeds. Drivers will be advised to avoid downshifting while driving through or near residential communities. Traffic control will be coordinated with BNSF to ensure motorists are aware of any railroad trips during construction. Traffic control will be coordinated with any construction in the vicinity of the project on the proposed Hemet to Corona/Lake Elsinore transportation corridor.	At least 30 days prior to start of site preparation or earth moving activities, the project owner shall provide the plan to Riverside County and Caltrans for review and comment, and to the CPM for review and approval.	12/22/03
TRANS-7	PC	During construction and operation of the IEEC, the project owner and contractors shall ensure that all project-related traffic travels on Antelope Road from the project site to Ethanac Road in order to access SR 74, I-215, and other areas. Project traffic shall not travel on Antelope Road north of Ethanac Road so as to avoid the school located on Antelope Road near Monroe Avenue.	At least 45 days prior to start of site preparation or earth moving activities, the project owner shall provide a traffic routing plan for all phases of project construction and operation to Riverside County and Caltrans for review and comment, and to the CPM for review and approval.	12/22/03

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TRANS-8	PC	The project owner and contractor shall gravel the currently unpaved section of Antelope Road between Ethanac Road and the project site prior to commencing construction. Surfacing that provides adequate truck turning radii shall be in place to help facilitate safe truck-turning movements. Upon completion of construction, the project owner and contractor shall pave and extend Antelope Road and build a road for circulation within the IEEC site. Antelope Road's 24-foot wide, 1,000-foot long extension from its current terminus south of Ethanac Road will be used to provide normal access to the IEEC site. Within the IEEC site, a 20-foot wide loop road shall provide internal circulation.	At least 45 days prior to start of site preparation or earth moving activities, the project owner shall submit plans for modifications to Antelope and San Jacinto Roads to Riverside County for review and comment, and to the CPM for review and approval. The project owner shall provide to the CPM a letter from Riverside County stating the County's satisfaction with the plans. In addition to the letter, the project owner shall provide a copy of the Signal Mitigation Program fee payment to the CPM. Within 30 days after completion of project construction, the project owner shall meet with the CPM, Riverside County and Caltrans (as needed) to determine and receive approval for the actions necessary to complete the Antelope Road extension and internal circulation. The project owner shall submit to the CPM a letter from Riverside County stating the County's satisfaction with the completed road improvements.	12/22/03
		The project owner shall ensure that the design, construction and operation	At least 30 days prior to the start of grading of the power plant switchyard or	12/22/03
TSE-1	CONS	of the proposed transmission facilities shall conform to all applicable LORS including the requirements 1a) through 1f) listed below. The substitution of Compliance Project Manager (CPM) approved "equivalent" equipment and an equivalent substation configuration is acceptable. a) The power plant switchyard and outlet lines shall meet or exceed the electrical, mechanical, civil and structural requirements of SCE interconnection standards, Cal-ISO Interconnection Requirements, SCE's Detailed Facilities Study (DFS), CPUC General Orders 95 (GO-95) or National Electric Safety Code (NESC), Title 8 of the California Code of Regulations, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", National Electric Code (NEC), and related industry standards. b) Breakers and buses in the power plant switchyard and other switchyards, where applicable, shall be sized to comply with a short-circuit analysis. c) Outlet line crossings and line parallels with transmission and distribution facilities shall be coordinated with the transmission line owner and comply with the owner's standards. d) Termination facilities shall comply with applicable interconnection standards. e) The project conductors shall be sized to accommodate the full output from the project. f) The project owner shall provide: I. Any modified Detailed Facility Study (DFS) including a description of facility upgrades, operational mitigation measures, and/or Remedial Action Scheme (RAS) or Special Protection System (SPS) sequencing and timing if applicable, II. The executed Facility Interconnection Agreement with SCE.	transmission facilities, the project owner shall submit to the CPM for approval: Electrical one line diagrams signed and sealed by a registered professional electrical engineer in responsible charge (or other approval acceptable to the CPM), a route map, and an engineering description of equipment and the configurations covered by the requirements 1a) through 1f) above. The Detailed Facilities Study including a description of facility upgrades, operational mitigation measures and/or RAS or SPS, and the Utility Interconnection Agreement and the Cal-ISO Participating Generator agreement (if either one are not otherwise provided to the Commission previously). Substitution of equipment and substation configurations shall be identified and justified by the project owner for CPM approval.	
TSE-2	CONS	The project owner shall inform the CPM of any impending changes that may not conform to the requirements 1a) through 1f) of TSE- 1 and have not received CPM approval, and request approval to implement such changes. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CPM.	At least 30 days prior to the construction of the power plant switchyard and transmission facilities, the project owner shall inform the CPM of any impending changes that may not conform to requirements 1a) through 1f) of TSE-1 and request approval to implement such changes.	12/22/03
TSE-3	CONS	The project owner shall be responsible for the inspection of the transmission facilities during project construction, and any subsequent CPM approved changes thereto, to ensure conformance with CPUC GO- 95 or NESC, Title 8 of the California Code of Regulations, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", SCE's interconnection standards, NEC, related industry standards, and these conditions. In case of non-conformance, the project owner shall inform the CPM in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project to the Within 60 days after first synchronization of the project to the grid, the project owner shall transmit to the CPM an engineering description(s) and one-line diagrams of the "as built" facilities signed and sealed by the registered electrical engineer in responsible charge (or other verification acceptable to the CPM, such as a letter stating that the attached diagrams have been verified by the engineer). A statement attesting to conformance with CPUC GO-95 or NESC, Title 8 of the California Code of Regulations, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", SCE's interconnection standards, NEC, related industry standards, and these conditions.	12/22/03
TSE-4	СОММ	The project owner shall provide the following Notice to the California Independent System Operator (Cal-ISO) prior to synchronizing the facility with the California transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the Cal-ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the ISO Outage Coordination Department.	The project owner shall provide copies of the Cal-ISO letter to the CPM when it is sent to the Cal-ISO one week prior to initial synchronization with the grid. The project owner shall contact the Cal-ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the Cal-ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	12/22/03
VIS-1	CONS	The project owner shall ensure that visual impacts of project construction are adequately mitigated. To accomplish this, the project owner shall assure that: If visible from nearby residences and roadways including I-215, SR-74, Ethanac Road, Dawson Road, Almaden Lane, McLaughlin Road, Menifee Road, and Murrieta Boulevard, the project site as well as staging and material and equipment storage areas shall be visually screened with temporary screening fencing. Fencing will be of an appropriate design and color for each specific location. All evidence of construction activities, including ground disturbance due to staging and storage areas, shall be removed and all disturbed areas shall be remediated to an original or improved condition upon completion of construction including the replacement of any vegetation or paving removed during construction. The project owner shall submit to the CPM for review and approval a specific screening and restoration plan whose proper implementation will satisfy these requirements.	At least 60 days prior to the start of site mobilization, the project owner shall submit the screening and restoration plan to the CPM for review and approval and to Riverside County for review and comment. If the CPM notifies the project owner that any revisions of the screening and restoration plan are needed before the CPM will approve the plan, within 30 days of receiving that notification the project owner shall submit to the CPM a revised plan. The project owner shall notify the CPM within seven days after installing screening at staging and material and equipment storage areas that the screening is ready for inspection. The project owner shall notify the CPM within seven days after completing the surface restoration that the restoration is ready for inspection.	12/22/03

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VIS-2	CONS	Prior to commercial operation, the project owner shall treat the surfaces of all project structures and buildings conventionally receiving color treatment and visible to the public such that: their colors minimize visual intrusion and contrast by blending with the landscape; their surfaces do not create glare; and they are consistent with local laws, ordinances, regulations, and standards. The project owner shall submit for CPM review and approval a specific treatment plan whose proper implementation will satisfy these requirements. The treatment plan shall include: a) Specification, and 11" x 17" color simulations at life size scale from KOPs 2, 4, and 5, of the treatment proposed for use on project structures, including structures treated during manufacture; b) A list of each major project structure, building, tank, transmission line tower and/or pole, and fencing specifying the color(s) and finish proposed for each (colors must be identified by name and by vendor brand or a universal designation); c) Two sets of brochures and/or color chips for each proposed color; d) Samples, approximately 8 inches by 10 inches, of each proposed treatment and color on each material to which they would be applied that would be visible to the public; e) A detailed schedule for completion of the treatment; and f) A procedure to ensure proper treatment maintenance for the life of the project. The project owner may, at its own risk, order equipment with factory surface treatment prior to approval of the treatment plan. If the CPM does not approve the treatment plan, the project owner install the equipment at the project site prior to CPM approval of the treatment plan. The project owner shall not perform the final treatment on any buildings or structures until the project owner receives notification of approval of the treatment plan by the CPM.	The project owner shall submit its proposed treatment plan at least 60 days prior to ordering the first structures that are color treated during manufacture. If a revision is required, the project owner shall provide the CPM with a revised plan within 30 days of receiving notification that revisions are needed. Prior to the start of commercial operation, the project owner shall notify the CPM that all buildings and structures are ready for inspection. The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	12/22/03
VIS-3	CONS	The project owner shall provide landscaping that is effective in screening the proposed project from views from I-215, State Route (SR)-74, Ethanac Road, Dawson Road, Almaden Lane, Spring Winds Drive, North Winds Drive, McLaughlin Road, Menifee Road, and nearby residences. Trees and other vegetation consisting of informal groupings of fast-growing evergreen species must be strategically placed and of sufficient density and height to effectively screen the majority of structural forms as soon as is reasonably practicable. The landscaping shall conform to Applicant's Revised Landscaping Plan submitted by the project owner on December 20, 2002 (Ex. 65) except for the changes indicated by italics in the following list: (1) street trees shall be planted immediately west of the project site along Antelope Road, (2) two offset rows of taller evergreen screening trees shall be planted on the berm to be constructed on the west side of the project site bordering Antelope Road, one row on top of the berm and one row on the west slope of the berm; (3) evergreen shrubs shall also be planted on the western born to provide screening beneath the tree branches; (4) landscape plantings along the southern half of the western boundary shall be initiated within one year of the start of construction; (5) If the Riverside County Economic Development Agency agrees to permit the project owner to incorporate planting along the southern side of SR 74 into its plans for beautification of the SR 74 corridor, the plantings in this area shall be installed at the start of construction or as soon after the start of construction as the EDA permits; and (6) informal groupings of fast-growing try everse as viewed from KOPS 2, and 5; b) a plan view to scale depicting the project and the location of the landscape screening beictives are calculated to be achieved for each of the emajor they everse and the project that are factors in those calculations; (d) A description of any irrigation needed to ensure the proper growth and	At least 45 days prior to installing the landscaping, the project owner shall submit the landscaping plan to the CPM for review and approval, and to Riverside County for review and comment. If the CPM notifies the project owner that revisions of the submittal are needed before the CPM will approve the submittal, within 30 days of receiving that notification the project owner shall prepare and submit to the CPM a revised submittal. The project owner shall notify the CPM, within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	06/22/05
VIS-4	PC	health of the planting. The planting must be completed by start of The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts, as follows: a) All lighting shall be of minimum necessary brightness consistent with worker safety; b) All fixed position lighting shall be shielded, hooded, and directed downward to minimize backscatter to the night sky and direct light trespass (direct lighting extending outside the boundaries of the construction area); c) Wherever feasible and safe and not required for security, lighting shall be kept off when not in use and motion detectors shall be employed; and d) A lighting complaint resolution form (following the general format of that in the general compliance section of the compliance plan) shall be maintained by plant construction management to record all lighting complaints received and to document the resolution of each complaint.	Within seven days after the first use of construction lighting, the project owner shall notify the CPM that the lighting is ready for inspection. If the CPM notifies the project owner that modifications to the lighting are needed to minimize impacts, within 15 days of receiving that notification the project owner shall implement the necessary modifications and notify the CPM that the modifications have been completed. The project owner shall report any lighting complaints and documentation of resolution in the Monthly Compliance Report, accompanied by any lighting complaint resolution forms for that month.	12/22/03
VIS-5	OPS	The project owner shall design and install all permanent lighting such that light bulbs and reflectors are not visible from public viewing areas; lighting does not cause reflected glare; project illumination that is visible offsite is minimized; and illumination of the vicinity and the nightlime sky is minimized. To meet these requirements the project owner shall submit a lighting control plan that incorporates the following elements: a) Lighting shall be designed so exterior light fixtures are hooded, with lights directed downward or toward the area to be illuminated and so that backscatter to the nighttime sky is minimized. The design of the lighting shall be such that the luminescence or light source is shielded to prevent light trespass outside the project boundary. b) All lighting shall be of minimum necessary brightness consistent with worker safety and security; c) High illumination areas not occupied on a continuous basis (such as maintenance platforms) shall have switches or motion detectors to light the area only when occupied; and d) A lighting complaint resolution form (following the general format of that in the general section of the compliance plan) shall be used by plant operations to record all lighting complaints received and document the resolution of those complaints. All records of lighting complaints shall be kept in the on-site compliance file.	At least 60 days prior to ordering any permanent exterior lighting, the project owner shall contact the CPM to arrange a meeting to discuss the documentation required in the lighting control plan. At least 45 days prior to ordering any permanent exterior lighting, the project owner shall submit to the CPM for review and approval a lighting control plan that describes the measures to be used and demonstrates that the requirements of the condition will be satisfied. The project owner shall not order any exterior lighting until it receives CPM approval of the lighting control plan. Within 30 days after start of commercial operation, the project owner shall notify the CPM that the lighting has been completed and is ready for inspection. If the CPM notifies the project owner that modifications to the lighting are needed to satisfy the lighting requirements specified in this Condition, within 60 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed. The project owner shall report any complaints about permanent lighting and provide documentation of resolution in the Annual Compliance Report, accompanied by any lighting complaint resolution forms for that year.	12/22/03

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VIS-6	CONS	The project owner shall comply with the signage requirements of Riverside County. In addition, the project owner shall install minimal signage, which shall be constructed of non-glare materials and unobtrusive colors, except where otherwise required for safety. The design of any signs required by safety regulations shall conform to the criteria established by those regulations. The project owner shall submit a signage plan for the project to the CPM for review and approval and to Riverside County for review and comment. The project owner shall not implement the plan until the project owner receives approval of the submittal from the CPM.	At least 60 days prior to installing signage, the project owner shall submit the signage plan to the CPM for review and approval and to Riverside County for review and comment. If the CPM notifies the project owner that revisions of the plan are needed before the CPM will approve the submittal, within 30 days of receiving that notification the project owner shall prepare and submit to the CPM a revised submittal. The project owner shall notify the CPM within seven days after completing installation of signage that they are ready for inspection.	12/22/03
VIS-7	PC	The project owner shall implement project design measures that minimize visual impacts associated with project operation. The project owner shall minimize project operational impacts by implementing the following: a) The project owner shall create a minimum 50-foot setback of project structures from surrounding roads (this requirement does not apply to transmission structures); b) The project owner shall place the one-story warehouse/ administration/ water treatment building, water tanks, and other smaller structures on the western edge of the project site to create a transition in scale between the corridor along Antelope Road and the plant's taller features; and c) The switchyard shall make use of low profile equipment, as depicted in the AFC on Figures 3.4-2 and 5.10-9b (Ex. 1, pp. 3-19, §5.10) to minimize its visibility beyond the tree rows that will be planted around it.	At least 60 days prior to the start of site mobilization, the project owner shall submit to the CPM for review and approval the specifications for (a) project setbacks, and (b) structural placement. At least 45 days prior to the start of construction on the switchyard, the project owner shall submit to the CPM, for review and approval, the specifications for switchyard equipment. If the CPM notifies the project owner that any revisions of the specifications are needed prior to CPM approval, within 30 days of receiving that notification the project owner shall submit to the CPM revised specifications.	12/22/03
VIS-8	OPS	The project owner shall ensure that the IEEC cooling tower is designed and operated so that the plume frequency will not increase substantially from the design as certified. The project owner shall provide to the CPM for review and approval the final design specifications of the cooling tower related to plume formation. The project owner shall not order the cooling tower until notified by the CPM that the following design requirements have been satisfied: Either: a) The cooling tower design confirms that the exhaust air flow rate per heat rejection rate: will not be less than 28.4 kilograms per second per megawatt when ambient temperatures are between 32 degrees Fahrenheit and 100 degrees Fahrenheit; or b) If the cooling tower design exhaust air flow rates per heat rejection values are reduced from the levels shown above, the cooling tower design confirms that the plume frequency will not exceed staff's criteria for triggering a visual impact analysis (i.e., greater than 20 percent of the seasonal daylight clear hours).	If the project owner intends to comply under requirement (a) above, at least 30 days prior to ordering the cooling tower the project owner shall provide to the CPM for review and approval the final design specifications of the cooling tower related to plume formation. If the project owner intends to comply under requirement (b) above, at least 60 days prior to ordering the cooling tower the project owner shall provide to the CPM for review and approval the final design specifications of the cooling tower related to plume formation, including revised exhaust flow, exhaust temperature, and heat rejection data to allow staff to remodel the cooling tower plume frequency. The determination of percent of seasonal daylight clear hours will be based on a definition of "clear" as all hours with total sky cover equal to or less than 10 percent plus half of the hours with total sky cover 20-100 percent that have a sky opacity equal to or less than 50 percent. The project owner shall provide a written certification in each Annual Compliance Report to demonstrate that the cooling towers have consistently been operated within the design parameters, except as necessary to prevent damage to the cooling tower. If determined by the CPM to be necessary to ensure operational compliance, based on legitimate complaints received or physical evidence of potential non-compliant operation, the project owner shall provide to the CPM the cooling tower operating data within 30 days of the end of the monitoring period. The project owner shall provide to the CPM the cooling tower operating data within 30 compliance in a maner and for a period as specified by the CPM.	06/22/05
WASTE-1	PC	The project owner shall provide the resume of a Registered Professional Engineer or Geologist, who shall be available for consultation during soil excavation and grading activities, to the CPM for review and approval. The resume shall demonstrate experience in remedial investigation and feasibility studies. The Registered Professional Engineer or Geologist shall be given full authority to oversee any earth moving activities that have the potential to disturb contaminated soil.	At least 30 days prior to the start of site mobilization, the project owner shall submit the resume to the CPM.	12/22/03
WASTE-2	CONS	If potentially contaminated soil is unearthed during excavation at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered Professional Engineer or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and file a written report to the project owner and CPM stating the recommended course of action. Depending on the nature and extent of contamination, the Registered Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the project owner shall contact representatives of the Santa Ana Regional Water Quality Control Board, the Riverside Courty Department of Environmental Health, and the Cypress Regional Office of the California Department of Toxic Substances Control for guidance and possible oversight.	The project owner shall submit any reports filed by the Registered Professional Engineer or Geologist to the CPM within 5 days of their receipt. The project owner shall notify the CPM within 24 hours of any orders issued to halt construction.	12/22/03
WASTE-3	CONS	The project owner shall obtain a hazardous waste generator identification number from the Department of Toxic Substances Control prior to generating any hazardous waste.	The project owner shall keep its copy of the identification number on file at the project site and notify the CPM via the Monthly Compliance Report of its receipt.	12/22/03
WASTE-4	CONS	Upon becoming aware of any impending waste management related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project- related wastes are managed.	12/22/03
WASTE-5	PC	The project owner shall prepare a Construction Waste Management Plan and an Operation Waste Management Plan for all wastes generated during construction and operation of the facility, respectively, and shall submit both plans to the CPM for review and approval, and to the Riverside County Department of Environmental Health and the Eastern Municipal Water District for review and comment. The plans shall contain, at a minimum, the following: • A description of all waste streams, including projections of frequency, amounts generated, and hazard classifications; and • Methods of managing each waste, including treatment methods and companies contracted with for treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/reduction plans.	No less than 30 days prior to the start of site mobilization, the project owner shall submit the Construction Waste Management Plan to the CPM for approval, and to the Riverside County Department of Environmental Health and the Eastern Municipal Water District for review and comment. The operation waste management plan shall be submitted to the CPM for approval, and to the Riverside County Department of Environmental Health and the Eastern Municipal Water District for review and comment no less than 30 days prior to the start of project operation. The project owner shall submit any required revisions within 20 days of notification by the CPM. In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to the planned management methods	12/22/03

				COC Revision
Condition No.	Sort Codo	Description	Verification	Dute
Condition No.	Son Code	Description	Venication	
				10/00/00
WORKER SAFETY-1	PC	<ul> <li>The project owner shall submit to the CPM a copy of the Project</li> <li>Construction Safety and Health Program containing the following:</li> <li>1. A Construction Injury and Illness Prevention Program</li> <li>2. A Construction Fire Protection and Prevention Plan</li> <li>3. A Personal Protective Equipment Program</li> <li>The Construction Injury and Illness Prevention Program and the Personal Protective Equipment Program shall be submitted to the California Department of Industrial Relations, Division of Occupational Safety and Health (Cal/OSHA) Consultation</li> <li>Service, if required, for review and comment concerning compliance of the program with all applicable Safety Orders.</li> <li>The Construction Fire Protection and Prevention Plan shall be submitted to the CPM for review and approval and to the Riverside County Fire Department and/or the Rural Fire Protection District for review and comment.</li> </ul>	At least 30 days prior to the start of construction, the project owner shall submit to the CPM a copy of the Project Construction Safety and Health Program, the Personal Protective Equipment Program, and the Construction Fire Protection and Prevention Plan, including a copy of the cover letter transmitting the Programs to Cal/OSHA's Consultation Service, if required.	12/22/03
WORKER SAFETY-2	CONS	<ul> <li>The project owner shall submit to the CPM a copy of the Project Operation Safety and Health Program containing the following:</li> <li>1. Operation Injury and Illness Prevention Program</li> <li>2. Emergency Action Plan</li> <li>3. Operation Fire Protection Program</li> <li>4. Personal Protective Equipment Program</li> <li>• The Operation Injury and Illness Prevention Program shall be submitted to the California Department of Industrial Relations, Division of Occupational Safety and Health (Cal/OSHA) Consultation Service, if required, for review and comment concerning compliance of the program with all applicable Safety Orders.</li> <li>• The Operation Fire Protection Program and the Emergency Action Plan shall be submitted to the fire protection agency serving the project for review and comment.</li> </ul>	At least 30 days prior to the start of operation, the project owner shall submit to the CPM a copy of the final version of the Project Operation Safety & Health Program. The document shall incorporate Cal/OSHA's Consultation Service comments, if any, regarding its review and acceptance of the specified elements of the proposed Operation Safety and Health Plan. The project owner shall notify the CPM that the Project Operation Safety and Health Program, including all records and files on accidents and incidents, are present on site.	12/22/03
WORKER SAFETY-3	CONS	The Project Owner shall ensure that a CPM-approved Safety Monitor(s) conducts an on-site safety inspection of the power plant at least once a week during construction of permanent structures and commissioning unless a lesser number of inspections is approved by the CPM. The CPM may also require a similar inspection and report concerning linear facilities. The Safety Monitor shall keep the Chief Building Official (CBO) fully informed regarding safety-related matters and coordinate with the CBO concerning on-site safety inspections, and the final safety inspection prior to issuance of the Certificate of Occupancy by the CBO. The Safety Monitor will be retained until cessation of construction and commissioning activities, and issuance of the Certificate of Occupancy, unless otherwise approved by the CPM. The Safety Monitor(s) shall also: • Correct any construction or commissioning problems that could pose a future danger to life or health, consulting with the CBO as necessary. • Have the authority to temporarily stop construction or commissioning activities involving possible safety violations or unsafe conditions that may pose an immediate or future danger to life or health, until the problem is resolved to the satisfaction of the Safety Monitor and/or CBO. • Consult with the CBO to determine when construction may resume unless the problem is corrected immediately, and to the satisfaction of the Safety Monitor and/or CBO. • Inform the CPM within 24 hours of any temporary halt in construction or commissioning activities. • Be available to inspect the site whenever necessary in addition to the minimum weekly basis during construction and commissioning as determined in consultation with the CBO and CPM. • Develop a safety program for the Project that complies with Cal/OSHA & federal regulations related to power plant projects. • Ensure that all federal and Cal/OSHA requirements are practiced during the construction and installation of all permanent structures (including safety aspects of electrical installations). •	Verification: The Project owner shall submit the Safety Monitor(s) resume(s) to the CPM for approval at least 30 days prior to site mobilization. One or more individuals may hold this position. The Safety Monitor shall submit in the Monthly Compliance Report a monthly safety inspection report to include: • Records of all employees trained for that month (all records shall be kept on site for the duration of the Project); • A summary report of safety management actions that occurred +D230during the month; • A report of any continuing or unresolved situations and incidents that may pose danger to life or health; • Reports of OSHA Recordable and Lost Time incidents and injuries that occurred during the month.	06/20/05

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# Attachment 2

2018 Project Operating Status

### Inland Empire Energy Center Operating Status Summary - 2018

Inland Empire Energy Center has (2) 107H machines and is designed to be a primarily base load plant.

#### Power Generation Block – Unit 1

Unit 1 was declared COD on 29<sup>th</sup> June 2009.

Unit 1 operated throughout 2018 on a fleet leader inspection program as planned. The Gas Turbine and associated systems were periodically inspected per current manufacturer specifications.

There were no significant changes to Unit 1 status throughout 2018.

Plans for Unit 1 during 2019 are to operate as commercially required.

Combustion Inspection maintenance was completed in January 2019.

#### Power Generation Block – Unit 2

Unit 2 was declared COD on May 3, 2010

On December 2<sup>nd</sup>, 2016, the Inland Empire Energy Center, LLC provided 90-day notice to both the CPUC and the CAISO of its intention to place Unit 2 in Cold Lay-up beginning March 2, 2017.

As of March 2, 2017, Unit 2 was placed in Cold Lay-Up status and is expected to remain in this state throughout 2019.

No significant maintenance is scheduled for 2019.

#### General status:

#### 2019

The Inland Empire Energy Center, LLC is currently working with the CEC, the CAISO and other regulatory agencies to commence decommissioning of the facility on January 1, 2020.

### Attachment 3

# AQ-4; BIO-2; HAZ-1; S&W 4 -5; VIS 2, 5, 8; Waste – 5

# BIO-2

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition. There were no ground disturbances or construction activities at IEEC, which required monitoring or other biological resources compliance efforts by our Designated Biologist in 2018.

Annual Worker Environmental Awareness (WEAP) training was conducted for all IEEC employees working on-site in 2018 regarding environmental issues relative to IEEC, including an explanation of endangered species and measures taken for the protection of these species and their habitats. Copies of the list of personnel who received WEAP training in 2018 can be provided, if required. No endangered species or associated habitats were found or reported in 2018.

# HAZ-1

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. IEEC has not utilized any Hazardous Materials that are not approved or listed on Appendix C.

# S&W-4

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. IEEC has only utilized Tertiary Reclaimed Water as provided by the Eastern Municipal Water District.

# S&W-5

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. According to summaries for water provided by Eastern Municipal Water District, no raw water augmentation was required during the reporting period. Copies of the quarterly summaries are included in this submittal.

# VIS-2

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. All structures are properly treated with CEC approved color. Surfaces were painted as required. A detailed listing of all painting activities can be provided, if required.

# VIS-5

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition. IEEC received no complaints regarding lighting in 2018.

# VIS-8

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. The cooling tower was operated in compliance with all permit conditions as demonstrated by information provided in support of permit conditions AQ-SC-11 and AQ-SC-12; attachments 9 & 10 of the corresponding QOR submittal(s) for the reporting period.

# Waste-5

The Inland Empire Energy Center, LLC (IEEC) remained in compliance with this condition throughout 2018. Please see the chart provided as part of this submittal.
Trade name	Hazardous Chemical Name	CAS #	Maximum Quantity	Ave Daily Quantity	Largest Container	Hazardous Characteritics	RQ (lb)	TPQ (lb)	TQ (Ib	) Prop 6	5 Use	Comparison to Original Appendix C
Acetylene	Acetylene	74-86-2	920 cubic feet	460 cubic feet	230 cubic feet	Flammable gas	n/a	n/a	n/a	No	Welding	Previously designated as construction material
Aqueous Ammonia	Ammonium hydroxide (29.4%)	1336-21-6	32,000 gallons	25600 gallons	16,000 gallons	Potential irritant. corrosive	100	500	500	No	SCR	Increase from 28% to 29.4%
Antichlor 427	Sulfite Salt	Proprietary	790 gallons	400 gallons	550 gallons	Toxic					Water Treatment	Replaces Spectrus DT1404
Argon	Argon	7440-37-1	582 cubic feet	291 cubic feet	291 cubic feet	Non-flammable gas	n/a	n/a	n/a	No	Welding	Not included on original Appendix C
Argon/Helium Mix		7440-37-1	304 cubic feet	0	304 cubic feet	Non-flammable gas	n/a	n/a	n/a	No	Welding (during outages only)	
		7440-59-7										
BioMate MBC2881	Sodium Bromide	7647-15-6	550 gallons	400 gallons	550 gallons	Corrosive to aluminum	n/a	n/a	n/a	No	Biocide for Water Treatment	Addition
	DBNPA	10222-01-2	05 500 "	00.400 "	0.500	Highly toxic inhalation						
Bleach (sodium hypochiorite)	Sodium hypochiorite (12.5%)	7681-52-9	25,500 gallons	20,400 gallons	8,500 gallons	Corrosive, irritant				NO	Raw water sterilization and cooling tower biocide	Increase by 17,500 gallons
Carbon Dioxide	Carbon dioxide	124-38-9	35,900 pounds	1105 pounds	26,000 pounds	Non-hammable gas	n/a	n/a	n/a	No	Fuige gas and life suppressant	Addition
Constact 6000	Ethylene Glycol Monobutyl Ether	124-30-9	250 gallons	125 gallons	20 pourius 250 gallons		n/a	n/a	n/a	No		Addition
Connect 0000	Ethoxylated Alcoobols	68439-46-3	200 galions	125 gallolis	200 galiolis	lintant	11/a	11/a	11/a	INU		Addition
	Water	7732-18-5									-	
Corrshield MD4100	Sodium molybdate	7631-95-0		55 gallons	55 gallons	Potential irritant	101	10000	f	Yes	Closed loop corrosion inhibitor	Replaces sodium nitrate
	Sodium nitrate	7632-00-0	110 gallons	U	Ū.	Toxic						
Cortrol OS5607	Carbonic dihydrazide	497-18-7	1,100 gallons	550 gallons	550 gallons	Irritant (skin, eyes)	f	f	f	Yes	Boiler feedwater O2 scavenger	Replaces oxygen scavenger (Nalco Elimin-Ox)
Diesel Fuel	Diesel fuel	68476-34-6	8,000 gallons	7,750 gallons	3,500 gallons	Combustible liquid	n/a	10000	n/a	Yes	Emergency generator fuel	Increase to account for diesel generator tanks
Dry Chemical Fire Extinguishant	Mono-ammonium phosphate	7722-76-1	1600 pounds	1375 pounds	50 pounds		n/a	n/a	n/a	No	Fire suppressant in portable extiguishers	Addition
	Ammonium sulphate	7783-20-2	1600 pounds	1375 pounds	50 pounds		n/a	n/a	n/a	No	Fire suppressant in portable extiguishers	Addition
DuPont Suva 123	Dichlortrifluorethane	306-83-2	12,800 pounds	12,800 pounds	200 cubic feet	Stratospheric ozone depleter	n/a	n/a	n/a	No	Refrigerant for chillers	Not included on original Appendix C
Gengard GN7004	Acrylate terpolymer (15-40%)	903573-39-7	4,000 gallons	2,000 gallons	4,000 gallons	Irritant (skin, eyes)	n/a	n/a	n/a	No	Cooling tower dispersant	Replaces Dianodic DN2317
Helium	Helium	7440-59-7	1,746 cubic feet	8/3 cubic feet	291 cubic feet	Inert	n/a	n/a	n/a	No	Calibration gas for Chromatograph	Previously designated as construction material
Hydrochloric Acid 20%	Hydrogen Chloride	7647-01-0	110 gallons	55 gallons	55 gallons					NLa		Designed by 00 000 #0
Hydrogen Hydrogen	Hydrogen Minerel inculating oil	1330-74-0	78 200 cubic feet	78,200 cubic leet	32,000 Cubic leet	Flammable gas	n/a	n/a	n/a	NO	Generator cooling medium	Decrease by 22,000 ft3
	Nanhthenic	64742-53-6	76,200 galions	76,200 galions	39,100 gailons		n/a	n/a	n/a	No		Addition
	Paraffinic	64742-55-8					11/a	11/4	11/4			
Hyvoltt	Solvent-Dewaxed Paraffinic	64742-56-9	104239 gallons	104239 gallons	40184 gallons							
	2,6-Di-Tert-Butyl-PCresol	128-39-0										
Klaraid PC 1192	n/a	not listed	1,300 gallons	650 gallons	325 gallons	Irritant (skin, eyes)	f	f	f	No	Used oil from oil changes	Replaces coagulant aid polymer, Nalco Nalcolyte 8799
Lead Acid Battery	Lead	7439-92-1	52,000 pounds	52,000 pounds	262 pounds filled	Toxic, mutagen	n/a	n/a	n/a	Yes	Component of in process lead acid batteries	Not included on original Appendix C
	Antimony	7440.00.0	4075	4075 a sue de	262 pounds filled	Irritant: Tavia				Vee		Net included an existent Assessed in O
	Anumony	7440-36-0	1675 pounds	1675 pounds	202 poundo fillod		n/a	n/a	n/a	Yes	Component of in process lead acid batteries	Not included on original Appendix C
	Arsenic	7440-38-2	168 pounds	168 pounds	262 pounds mied	Imiant, Carcinogen	n/a	n/a	n/a	res	constituent of electrolyte solution for in process	
	Sulfuric Acid (10-30%)	7664-93-9	8375 - 25125 pounds	8375 - 25125 pounds	262 pounds filled	Corrosive, releases heat when mixed with water	1000	1000	n/a	No	batteries	Not included on original Appendix C
	PHENOL, 4,4-METHYLENEBIS(2,6-					Non-hazardous material per MSDS - is a static						2013: Clarified name (previously just Lube Oil) and updated
Lube Oil DTE 832	BIS(1,1-DIMETHYLETHYL)-	118-82-1	31,600 gallons	31,600 gallons	15,800 gallons	accumulator	n/a	10000	n/a	No	Lubricating oil for turbine	hazardous characteristic and Prop 65
Mobil Pyrotech HFD 46	Fire-Resistant Lubricating oil	25155-23-1	900 gallons	800	450 gallons	TRIXYLENYL PHOSPHATE	n/a	10000	n/a	Yes	lubrication	Previously designated as hydraulic oil
Methane/Ethane Mix	Methane/ethane mixture (85%/10%)	74-82-8	1,000 cubic feet	500 cubic feet	500 cubic feet	Flammable gas	n/a	n/a	n/a	No	Calibration gas for Chromatograph	Previously designated as construction material
Mobil DTE 832	Lubricating oil	not listed	800 gallons	400 gallons	55 gallons	Combustible liquid	n/a	n/a	n/a	Yes		2013: Clarified name (previously Mobil DTE FM 32)
Nitrogen	Nitrogen	7727-37-9	1680 cubic feet	140 cubic feet	112,200 cubic feet	Pressure release	n/a	n/a	n/a	No	purge gas	2013: Reduction in bottle quantity due to N2 generator
Oily Solids	Oily debris	various	5,000 pounds			Combustible solid	n/a	10000	n/a	Yes	Oil spill cleanup debris	Not included on original Appendix C
Oily Water	Oily water	various	4,750 gallons	550 mallana	550 vellere		n/a	10000	n/a	Yes	Oil-water separator/fuel gas drain tanks	Not included on original Appendix C
Optisperse HP3100	Sodium hydroxide	1310-73-2	1,100 gallons	550 gallons	550 gallons	Corrosive, toxic	2158	10000	t n/n	NO	High pressure boiler prosphate	Replaced a portion of sodium hydroxide
Oxygen Baint	Daint related materials	7782-44-7	200 gallons	150 gallons	5 gallons	Elammable liquid	n/a	n/a n/a	n/a	No	Pointing	Proviously designated as construction material
Propano	Propago	74.09.6	340 pounds	170 galloris	17 pounds		n/a	n/a	n/a	No	Failung	Previously designated as construction material
Propylene	Propylene	115-07-1	260 pounds	130 pounds	26 pounds		11/a	11/4	11/a	NO		
	Tetrapropylene derivitives, sulfonated.					1	1000 lbs		1			Replaced phosphonate, Nalco 7385; 2010 replaces Kleen 405:
	sodium salts	Proprietary				Irrittant	(NaOH)	10,000 lbs	f	No	Low pH RO cleaning chemical	2013 Replaces Kleen MCT 103
ROClean L212	Acrylic Polymer	Proprietary	700 gallons	350 gallons	350 gallons	Corrosive						
	Sequestering Agent	Proprietary	-									
0-14	Sodium hydroxide	1310-73-2	100.000 nounda	00.000 nounda	50.000 noundo				-	N.		Net in stude days, a similar I Ann an dia O
Salt Sadium Hudravida	Sodium chioride	1210 72 2	2,000 gollong	1 000 gollopo	1,000 pounds	Corregive: ave akin irritent	1.00	0 10 000	n/o	NO	water softener regenerant solution	Not included on original Appendix C
Socialii Hydroxide	Sodium Hypochlorite	7681-52-9	2,000 gailons	10.000 gailons	8 500 gallons	Corrosive: eve. skin irritant	1,00	0 10,000	11/a	No	Water Treatment	Decrease by 5,900 galions
Sodium Hypochlorite	Sodium hydroxide	1310-73-2	17,000 galions	10,000 galions	0,000 galions					140		
	Sodium chloride	7647-14-5										
Spectrus BD1500	n/a	not listed	550 gallons	400 gallons	550 gallons		f	f	f	No	Cooling tower biodispersant	Not included on original Appendix C
	2-bromo-2-nitropropane-1, 3-diol	52-51-7				Irritant	f	f	f	No	Closed loop biocide	Replaces non-oxidizing biocide (Nalco 7330)
Spectrus NX1100	Magnesium nitrate	10377-60-3	550 gallons	275 gallons	550 gallons	Oxidizer, irritant (skin,eyes)						
	5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4				Corrosive, toxic, sensitizer						
Steemate NA1224	Iviagnesium chloride	1226.04.0	2100 college	1400 college	2E0 college	Potential Irritant	225	10000	4	Ne	Roilor poutrolizor	Poplaces Steamate NA1221
Sufuric Acid		7664-02 0	2100 gailons	1400 gailons	6 000 gallons	Corrosive, releases heat when mixed with water	330 1000	10000	n/2	No	pH control for RO output and cooling tower water	Decrease to 03% Reduced by 5 000 college
Sulfur Hexafluoride	Sulfur beyafluoride	2551-62 4	3 892 nounde	3202 gallons	1.355 nounde	Non-flammable das	n/a	n/2	n/a	No	Breakers (arc prevention)	Increase by 720 lbs
Used Oil	Used oil	not listed	605 gallons	440 nallone	220 gallons	Combustible liquid	n/a	10000	n/a	Yee	Used oil from oil changes	Not included on original Appendix C
Vitec 3000	Deflocculant & Sequestrant	Proprietary	550 gallons	300 gallons	550 gallons	Toxic	.,, a	10000	1,70	No	pH adjuster	Replaces Hypersperse MSI310
	Phosphonic Acid Derivative Compound	Proprietarv	ere ganono	90	2.50 ganorio		1		1			
•					•	•						

	Hazardous					Hazardous					
Trade name	<b>Chemical Name</b>	CAS #	Maximum Quantity	Ave Daily Quantity	Largest Container	Characteritics	RQ (lb)	TPQ (lb) TQ (lb)	Prop 65	Use	Comparison to Original Appendix C
N2/O2 CEM Gases	Oxygen Nitrogen	7782-44-7 7727-37-9	1400 cubic feet	700 cubic feet	140 cubic feet					CEMS	Not included on original Appendix C
CO/NO CEM Gases	Carbon Monoxide Nitric Oxide	124-38-9 10102-43-9	1680 cubic feet	840 cubic feet	140 cubic feet					CEMS	Not included on original Appendix C
N2 CEMS Gas	Nitrogen	7727-37-9	2400 cubic feet	1400 cubic feet	140 cubic feet					CEMS	Not included on original Appendix C
CO/O2 CEMS Gases	Carbon Monoxide Oxygen	124-38-9 7782-44-7	1400 cubic feet	700 cubic feet	140 cubic feet					CEMS	Not included on original Appendix C
He CEMS Gases	Helium	7440-59-7	560 cubic feet	280 cubic feet	140 cubic feet					CEMS	Not included on original Appendix C
N2/NO CEMS Gases	Nitrogen Nitric Oxide	7727-37-9 10102-43-9	3920 cubic feet	1960 cubic feet	140 cubic feet					CEMS	Not included on original Appendic C
CO/CO2 CEMS Gases	Carbon Monoxide Carbon Dioxide	124-38-9 124-38-9	2240 cubic feet	1120 cubic feet	140 cubic feet					CEMS	Not included on original Appendic C



April 12, 2018

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

## SUBJECT: Eastern Municipal Water District (EMWD) January 2018 to March 2018 (First Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from January through March 2018. No raw water from local groundwater wells were supplied to the recycled water system during the first quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the first quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

2270 Trumble Road • P.O. Box 8300 • Perris, CA 92572-8300 T 951.928.3777 • F 951.928.6177 www.emwd.org Mr. Escobedo April 12, 2018 Page Two

### **Recycled Water System Summary**

Information	Units	Jan	Feb	Mar
RWRFs Production	AF	4006.16	3608.15	4004.25
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	4006.16	3608.15	4004.25
IEEC Usage	AF	2.56	4.82	3.18
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.06%	0.13%	0.08%

Should you have any questions, please contact Doug Edwards at (951) 928-377 extension 4511, or e-mail at <u>edwardsd@emwd.org</u>.

Sincerely,

Dry Elm

Doug Edwards Manager of Environmental & Regulatory Compliance

JS/DE:tlg

c: Kevin Omland, EMWD Records Management



July 16, 2018

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

## SUBJECT: Eastern Municipal Water District (EMWD) April 2018 to June 2018 (Second Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from April through June 2018. No raw water from local groundwater wells were supplied to the recycled water system during the second quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the second quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

Board of Directors David J. Slawson, President Ronald W. Sullivan. Vice President Josesph J. Kuebler, CPA, Treasurer Philip E. Paule Randy A. Record

> 2270 Trumble Road • P.O. Box 8300 • Perris, CA 92572-8300 T 951.928.3777 • F 951.928.6177 www.emwd.org

Mr. Escobedo July 16, 2018 Page Two

### **Recycled Water System Summary**

Information	Units	Jan	Feb	Mar
RWRFs Production	AF	3909.98	4007.88	3904.09
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	3909.98	4007.88	3904.09
IEEC Usage	AF	4.54	10.03	5.89
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.12%	0.25%	0.15%

Should you have any questions, please contact Jim Schain at (951) 928-377 extension 6202, or e-mail at <a href="mailto:schainj@emwd.org">schainj@emwd.org</a>.

Sincerely,

Dy Elin

Doug Edwards Manager of Environmental & Regulatory Compliance

JS/DE:tg

c: Kevin Omland, EMWD Records Management



October 17, 2018

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

# SUBJECT: Eastern Municipal Water District (EMWD) July 2018 to September 2018 (Third Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from July through September 2018. No raw water from local groundwater wells were supplied to the recycled water system during the third quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the third quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

Board of Directors
David J. Slawson, President Ronald W. Sullivan. Vice President Josesph J. Kuebler, CPA, Treasurer Philip E. Paule Randy A. Record

2270 Trumble Road • P.O. Box 8300 • Perris, CA 92572-8300 T 951.928.3777 • F 951.928.6177 www.emwd.org Mr. Escobedo October 17, 2018 Page Two

Information	Units	July	Aug	Sept
RWRFs Production	AF	3,999.31	4,063.53	3,867.67
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	3,999.31	4,063.53	3,867.67
IEEC Usage	AF	110.59	89.371	44.49
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	2.77%	2.12%	1.15%

### **Recycled Water System Summary**

Should you have any questions, please contact Dotty Torres at (951) 928-3777 extension 6221, or e-mail at torresd@emwd.org.

Sincerely,

Dy Elm

Doug Edwards Manager of Environmental & Regulatory Compliance

DT /DE:tg

c: Kevin Omland, EMWD Records Management



January 15, 2019

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

### SUBJECT: Eastern Municipal Water District (EMWD) October 2018 to December 2018 (Fourth Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from October through December 2018. No raw water from local groundwater wells were supplied to the recycled water system during the fourth quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the fourth quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

2270 Trumble Road • P.O. Box 8300 • Perris, CA 92572-8300 T 951.928.3777 • F 951.928.6177 www.emwd.org Mr. Escobedo January 15, 2019 Page Two

Information	Units	October	November	December
RWRFs Production	AF	3,955.41	3768.31	3985.89
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water Augmentation	AF	3955.41	3768.31	3985.89
IEEC Usage	AF	4.42	3.28	2.72
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.11%	0.09%	0.07%

### **Recycled Water System Summary**

Should you have any questions, please contact Dotty Torres at (951) 928-3777 extension 6221, or e-mail at torresd@emwd.org.

Sincerely,

Vy Elux

Doug Edwards Manager of Environmental & Regulatory Compliance

DT/DE:tg

c: Kevin Omland, EMWD Records Management







### 2018 Annual Compliance Report

### Waste – 5

In accordance with Waste – 5, Inland Empire Energy Center is required to document actual waste management methods used throughout the year compared to planned waste management methods. The site is currently using the planned waste management methods for all waste stream.

Waste Stream	Туре	Planned	Actual
Non-Hazardous Solid	Recyclable	Recycled (Off Site)	Recycled (Off Site)
Waste	Non-Recyclable	Landfill (Off Site)	Landfill (Off Site)
Non-Hazardous Liquid Sanitary Waste		EMWD	EMWD
Waste	Process Waste Water	Brine Line	Brine Line
Hazardous Liquid	Used Oil	Recycled (Off Site)	Recycled (Off Site)
Waste	Toxic Liquids	Off Site Disposal	Off Site Disposal
		Company	Company
	Corrosive Liquids	Off Site Disposal	Off Site Disposal
		Company	Company
Hazardous Solid Waste	Used Oil Filters	Recycled (Off Site)	Recycled (Off Site)
	Universal Waste	Recycled (Off Site)	Recycled (Off Site)
	Other Hazardous Solid	Off Site Disposal	Off Site Disposal
	Waste	Company	Company

Listing of all Post-COD approved changes

IEEC has not requested Post-COD changes since the withdrawal of a prior request; proposing the replacement of Unit 2 Gas Turbine with a model 7HA.01.

Submittal Deadline Summary

All Conditions of Certification (COC) for the facility according to the 2018 prescribed schedule have been completed.

Government Agency Filings

	Governmental Filings 2018									
					<u>182 2010</u>					
										Previously
<u>Date</u>	<u>Letter No.</u>	<u>Pick up date</u>	<u><u>To</u></u>	<u>Description</u>	<u>Tracking #</u>	<u>Service Type</u>	<u>Delivered</u>	<u>Signed By</u>	Enclosed	<u>Submitted</u>
1/2/2018	GE/IEEC-1008		SCAQMD - RECLAIM Admin	JUL-DEC_CO-218	771124496021	3 day	1/3/2018	A. Cacho	Х	
1/2/2018	GE/IEEC-1009		DTSC Generator Manifest	Copies of Hazardous waste manifest	771124475630	3 day	1/3/2018	R. Boyer	Х	
1/5/2018	GE/IEEC-1010		EMWD - Gregg Murray	Permit D1306-Contact #s and Contingency Plan	771179172916	3 day	1/12/2018	K. Santos		Х
1/23/2018	GE/IEEC-1011		SCAQMD - RECLAIM Admin	2Q 2017 QCER	771307305174	3 day	1/25/2018	B. Hester		Х
1/11/2018	GE/IEEC-1012		CEC- Anwar Ali	4Q 2017 QOR	E-mailed by Frank Escobedo	e-mail	1/11/2018			Х
					E mailed by Frank Essehoda					
1/20/2019			SoCal Gas Major Mkts Billing	Executed Schedule G SPE	E-mailed by Flank Escobedo		1/20/2019			
2/6/2018			DTSC Concreter Manifest	Conjos of Hazardous wasto manifest	771410117526	2 day	2/7/2018	Ludy	~	
2/0/2018			SCAOMD Char Spydor	Form 500 SAM	771413117330	3 day	2/7/2018	F. Washington	^	v
2/7/2018			EMW/D John Jackson	Pormit #EE9 NSCILL Cortification Statement	771430717304	3 day	2/9/2018	K Santos		×
2/12/2018			EMW/D John Jackson	Permit #558 NSCIO Certification Statement	E mailed by Frank Essenade	5 udy	2/3/2018		v	^
2/13/2018			EMW/D John Jackson	Pequest for priority pollutant exemption	Dicked up by John Jackson		2/13/2018	Llackson	×	
2/22/2018			SCAOND Annual Emiss Report	2017 Annual Emissions Report (AER)	Hand Carried by V. Date		2/20/2018	J. JACKSOII	^	v
2/27/2018	GE/IEEC-1019		SCAQIND - Annual Enniss Report	Parmit D1206 2. 01 Quarterly Sampling Pocults		2 day	3/13/2018	E Skidmoro		×
2/28/2018			ENIVE - David Trujilo	Canias of Uszardous wasta manifest	771032483033	2 uay	3/1/2018	F. SKIUITIOTE	v	^
3/12/2018					780007977349	5 udy	3/15/2018	J. JUUY	^	v
3/19/2018			CEC- Anwar Ali	2017 COM 7 Appual Departing	E-mailed by Frank Escobedo		3/19/2018			×
3/23/2018	GE/IEEC-1023		CEC- Anwar All	2017 COM-7 Annual Reporting	E-mailed by Frank Escobedo		3/2//2018	L Dornold	v	Χ
4/4/2018	GE/IEEC-1024				//1918/301/8		4/5/2018	J. Darnolu	^	V
4/5/2018	GE/IEEC-1025		CEC- Anwar All	1Q 2018 QOR	E-mailed by Frank Escobedo	2 4	4/5/2018	D. Hastan	× ×	X
4/5/2018	GE/IEEC-1026		SCAQMD - RECLAIM Admin	3Q 2017 QUER	771952270885	3-day	4/11/2018	B. Hester	X	
4/1//2018	GE/IEEC-1027		Christina Billing - CAISO	Difficer Certification Form	772020579659	3-day	4/19/2018	IVI. EIIIS	×	
4/26/2018	GE/IEEC-1028			Bienniai Report Signature (page 6)	772089620398	3-0ay	5/1/2018	J. Phung	X	
4/30/2018	GE/IEEC-1029		SCE- Geoff De Vera	Facilities Gen-Tie Agreement Opdate	E-mailed by Frank Escobedo	2 4	5/1/2018	L. Lundur	× ×	
5/2/2018	GE/IEEC-1030		DISC Generator Manifest	Copies of Hazardous waste manifest	772138696085	2-day	5/4/2018		X	
5/10/2018	GE/IEEC-1031		EMWD - John Jackson	Submittal of Slug Control Plan	//2205/5/508	3-day	5/14/2018	F.SKIDMORE	X	X
5/15/2018	GE/IEEC-1032	c /7 /2 01 0	EMWD - David Trujillo	Permit D1306-2 - Q2 Quarterly Sampling Results	//2242648435	3-day	5/1//2018	F.SKIDMORE	N N	X
6/7/2018	GE/IEEC-1033	6/7/2018	DISC Generator Manifest	Copies of Hazardous waste manifest	//2425899526	З-дау	6/11/2018	G. Ginna	X	X
6/25/2018	GE/IEEC-1034		SCAQMD - RECLAIM Admin	2019 RTC Transfer	Hand delivered by V. Patel	2.1	7/10/2010		X	X
//2/2018	GE/IEEC-1035		DISC Generator Manifest	Copies of Hazardous waste manifest	//2663/692/3	3-day	//10/2018	R. Rosa	X	X
//16/2018	GE/IEEC-1036		SCAQMD - RECLAIM Admin	JAN-JUN_ CO-218	//2/1//3/444	3-day	//18/2018	K. McDaniel		<u>X</u>
//16/2018	GE/IEEC-1037		SCAQMD - Cher Snyder	Form-500 SAM	//2/1/9385/1	3-day	7/18/2018	K. McDaniel		<u>X</u>
7/16/2018	GE/IEEC-1038		SCAUMD - Cher Snyder	Form-500 ACC	//2/1/9385/1	3-day	7/18/2018			X
7/16/2018	GE/IEEC-1038		EPA Region IX _AIR-3	Form-500 ACC	//2/1/819849	3-day	7/18/2018	A. GOOWIN		X
7/19/2018	GE/IEEC-1039		CEC- Anwar Ali		E-mailed by Frank Escobedo	e-mail	7/19/2018	T. Cakilling	v	Х
//23/2018	GE/IEEC-1040		EMWD - Dennis Martz	Attach. C & E and Emergency Contact List	//2/9/44041/	3-day	//25/2018		X	
8/16/2018	GE/IEEC-1042		DISC Generator Manifest	Copies of Hazardous waste manifest	//301/886681	3-day	8/22/2018	R.ROSa	X	X
8/23/2018	GE/IEEC-1043		SCAQIVID - RECLAIM Admin		//3052294230	2-day	8/2//2018	i. villamii		Х
8/2//2018	GE/IEEC-1044		SCE- Geoff De Vera	Facilities Gen-Tie Agreement Update	E-mailed by Frank Escobedo	e-mail	8/28/2018			
9/5/2018	GE/IEEC-1045		DISC Generator Manifest	Copies of Hazardous waste manifest	//3141494918	3-day	9/6/2018	V. Victoria	Х	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
9/10/2018	GE/IEEC-1046		ENIWD - David Trujillo	Permit D1306-2 - Q3 Quarterly Sampling Results	//3193029/14	3-day	9/13/2018	1. Schilling		Х
9/11/2018	GE/IEEC-1047		SCAQMD - Maria Allen	Form- SUUN, Title V Deviations, Emergencies	//3193008120	Overnight	9/13/2018	E. wasnington	X	
10/2/2018	GE/IEEC-1048		DISC Generator Manifest	Copies of Hazardous waste manifest	//33/8416824	3-day	10/3/2018	к. коза	Х	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
10/1//2018	GE/IEEC-1049		CEC- Anwar Ali		E-mailed by Frank Escobedo	2.1	10/1//2018			X
10/23/2018	GE/IEEC-1050	10/05/2222	DISC - Accounting Unit	2018 EVQ Submittal & Payment	//35/02/8762	3-day	10/29/2018	J.EGAMINO	X	
10/24/2018	GE/IEEC-1051	10/25/2018	SCAQMD - RECLAIM Admin	1Q 2018 QCER	773564115222	Overnight	10/26/2018	B. Hester	Х	
10/25/2018	GE/IEEC-1052		SCAQMD - RECLAIM Admin	RECLAIM RATA Report	773672912010	3-day	11/8/2018	S.BURGESS		

	Governmental Filings 2018									
										Previously
Date	Letter No.	Pick up date	То	Description	Tracking #	Service Type	Delivered	Signed By	Enclosed	Submitted
11/13/2018	GE/IEEC-1053		DTSC Generator Manifest	Copies of Hazardous waste manifest	773719184800	3-day	11/16/2018	R.Rosa	X	
11/14/2018	GE/IEEC-1054		SCAQMD - RECLAIM Admin	Source and Tri-Annual Test Plans for U1 & Aux Boiler	773728432220	3-day	11/15/2018	S.BURGESS		
11/28/2018	GE/IEEC-1055		EMWD - David Trujillo	Permit D1306-2 - Q4 Quarterly Sampling Results	773830106710	3-day	11/30/2018	E. E.		Х
12/4/2018	GE/IEEC-1056		DTSC Generator Manifest	Copies of Hazardous waste manifest	773881857479	3-day	12/6/2018	C. Chewa	Х	
12/10/2018	GE/IEEC-1057		SCE- Geoff De Vera	Facilities Gen-Tie Agreement Update	E-mailed by Frank Escobedo	e-mail	12/10/2018			
1/2/2019	GE/IEEC-1058		DTSC Generator Manifest	Copies of Hazardous waste manifest	774099146696	3-Day	1/3/2019	C.CHEWA	Х	
1/2/2019	GE/IEEC-1059		SCAQMD - RECLAIM Admin	JUL-DEC_ CO-218	774099384637	3-Day	1/7/2019	I.VILLAMIL	Х	
1/7/2019	GE/IEEC-1060		EMWD - Gregg Murray	Permit D1306-Contact #s and Contingency Plan	774132813480	3-Day	1/10/2019	M. RENE		Х
1/15/2019	GE/IEEC-1061		SCAQMD - RECLAIM Admin	2Q 2018 QCER	774214006056	3-Day	1/17/2019	B.HESTER	Х	
					E-mailed by Frank Escobedo					
1/15/2019	GE/IEEC-1062		SoCal Gas Major Mkts Billing	Executed Schedule G-SRF	Hard-copy mailed to PO Box	USPS	1/15/2019			
1/15/2019	GE/IEEC-1063		EMWD - John Jackson	Permit 558 NCSIU Certification Statement	774214040371	3-day	1/18/2019	G.CORRERA	X	
1/16/2019	GE/IEEC-1064		CEC- Anwar Ali	4Q 2018 QOR	E-mailed by Frank Escobedo	e-mail	1/17/2019			
1/30/2019	GE/IEEC-1066		SCAQMD - Source Testing (L. Fan)	RECLAIM RATA Report Re-submittal	774353642793	2-Day	1/31/2019	B.HESTER		
2/11/2019	GE/IEEC-1067		SCAQMD - Cher Snyder	Form-500 SAM (JUL-DEC 2018)	774441930352	2-Day	2/14/2019	B.HESTER	X	

2018 Project Compliance Activity Summary

# Refer to Attachment 2 and 3 for the 2018 Project Compliance Activity Summary.

### 2018 Compliance Submittal Summary

- QCER (Q1, Q2, & Q3)
- Form 500-SAM
- Form 500 ACC
- RECLAIM NOx RTC Confirmation
- Rule 218 CO Summary
- US EPA e-GGRT submittal
- CA ARB e-GGRT submittal
- DTSC Biennial Report
- Riverside County HMBP submittal



GE

Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

February 13, 2018

Ref. No. GE/IEEC - 1017

Mr. John Jackson Eastern Municipal Water District 2270 Trumble Road Perris, CA 92570-8300

#### Subject: Inland Empire Energy Center (Facility I.D. Number 129816) -Certification for priority pollutants

Dear Mr. Jackson:

The Inland Empire Energy Center, LLC (IEEC) is requesting to continue its certification of no priority pollutants added, signed by an Authorized Representative, in lieu of testing for the 126 Priority Pollutants listed under 40 CFR 423. IEEC does not use any of these chemicals, added for cooling tower maintenance, which contain any of the 126 Priority Pollutants listed under 40 CFR 423. Since no priority pollutants are added to the recycled water provided by EMWD; EMWD and SAWPA have determined that a declaration of no priority pollutants added can be used as the engineering calculation requirement, listed as an alternative to the required sampling referenced in 40 CFR 423 (a)(4)(i), as any engineering calculation with zero priority pollutants added would rationally serve no purpose, as it relates to this case.

Additionally, IEEC requests that PCBs no longer be considered in the Categorical Sampling Matrix since the plant was built in 2008, PCB were banned in 1979 and no PCBs have been detected in any previous samples taken by the site or the water authority.

IEEC will also submit a written request to the relevant Control Authorities for approval prior to the addition of any new cooling tower chemicals that contain any of the 126 Priority Pollutants listed under 40 CFR 243. If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941

Thank you for your considerations in this matter Sincerely,

Francisco Escobedo Director, Asset Management

cc: Jason Taylor - GE



GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

May 10, 2018

Ref. No. GE/IEEC - 1031

Mr. John Jackson Eastern Municipal Water District 2270 Trumble Road Perris, CA 92570-8300

#### Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Permit #1036 Slug Control Program Plan

Dear Mr. Jackson:

Please find attached IEEC's Slug Control Plan and supporting documentation.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Escobedo ran

Francisco Escobedo Director, Asset Management

Enclosure

cc: Jason Taylor - GE

Eastern Municipal Water District Source Control Division P.O. Box 8300, Perris, CA 92572-8300 (951) 928-3777

**Slug Control Plan** 

Facilit	y Name: _	Inland	Empire	Energy	Cént	er		
Facilit	y Address:	26226	<u>Antelop</u>	e R	back	Menife	<u>e</u> ca	92585
Perso	n Completin	g Form:	Jason To	aylor			Date: 5	10 18
Note:	All or part of	the facility's	s Business Pla	n may be atta	ched and re	eferenced in th	e following	questions.
1.	Describe di of cool	ischarge pra ing tou non rou	ectices includi	ng non-routir	ne batch dis uic. fl	scharges: I he Brind occur a	)isebarge Line I site	s
2.	Description Manageme	of stored c nt Plan or B	hemicals. Co Business Plan	mplete lines : <u>3ec</u> A	below or at	tach Integrate	ed Waste	

- 3. List procedures for immediately notifying the Control Authorities of slug discharges, including spills discharged to the sewer, with procedures for follow-up written notification within five days. Also list measures and equipment for emergency response and actions to prevent adverse impacts: <u>Sitc follow the requirements of Attachment B</u>
- 4. Attach documentation of procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response.

Attach additional sheets or documentation if necessary. If you need assistance completing this form, please call the Source Control Division at (951) 928-3777.

	EMWD US	E ONLY				<b></b>
Approved by:	Francisco Escoledo	Date:	5	01	18	-

J:\Source\_Control.82\Forms and templates\Approved only\Forms - Inspection\SAWPA IEEC permit Slug Plan template.doc

Permit No.D1036-2 Inland Empire Energy Center November 4, 2015

### ATTACHMENT B

#### Report of Potential Problems/Accidental Discharge/Slug Discharge

In the case of any unauthorized discharge, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a noncustomary batch discharge, a Slug Discharge or Slug Load, or a spill that may commingle with the wastewater which is discharged to the Brine Line involving pollutants that are prohibited or limited by the Ordinance No. 7 and that might cause potential problems for the Brine Line, the Permittee shall immediately notify EMWD of the incident at the telephone number listed below.

In addition to the notification of EMWD, in the event of a spill, the following agencies shall be notified immediately by telephone at the following

EMWD IOC	(951) 928-3777 Ext. 6265
RWQCB Office	(951) 782-4130
RWQCB Fax	(951) 781-6288
OCSD Control Center	(714) 593 -7025
OCSD Environmental Compliance Manager	(714) 593-7450
SAWPA 24 Hour Number	(951) 324-8680,

This notification shall include:

- a. Name of the facility;
- b. Location of the facility;
- c. Name of the caller;
- d. Date and time of discharge;
- e. Date and time discharge was halted;
- f. Location of the discharge;
- g. Estimated volume of discharge;
- h. Estimated concentration of discharge;
- i. Pollutants that may be present;
- j. Corrective actions taken to halt the discharge; and
- k. Method of disposal, if applicable.

The notification of the accidental release, in accordance with this section, does not relieve the Permittee from the reporting requirements of local, State, or Federal laws.

	CALIFOR	RNIA ENVIRO	ONMENTA	L REPORTI	NG SYS	STEM (O	CERS)			
CONSC Prior to co	DLIDATED	EMERGI ase refer to the IN	ENCY R STRUCTIONS	ESPONS FOR COMPLET	E / CC	ONTII vsolidat	NGENCY PLAN			
	A FACILITY	TOFNTIFI	CATION	AND OPE	ŔÂŦĬĊ	ONS O	VERVIEW	(NAD) DA		
FACILITY ID# FA	0 0 2 5	4 5 0	AI. CER	S ID #	A2.	DATE OF (MM/DD/	PLAN PREPARATION/REVISI YYYY) 03/08/2018	ON A3.		
BUSINESS NAME (Same a Inland Empire Energy	s Facility Name or DB / Center, LLC	A - Doing Busines	s As)					A4.		
BUSINESS SITE ADDRES	S							A5,		
26226 Antelope Road	1							47		
BUSINESS SITE CITY Menifee					A6.	CA	92585	AI.		
TYPE OF BUSINESS (e.g.,	Painting Contractor)		A8.	INCIDENTAL	OPERATI	ONS (c.g.	, Fleet Maintenance)	A9.		
Electrical Generation	COLLADY LO TYPE		114 12 10 13 13 12	OI VIDIC (Chash-	-11 414-5 4000	1)-				
THIS PLAN COVERS CHE	MICAL SPILLS, FIRE	DOUG WASTE	G AVES THAI	OF ATIAG (CUSCK :	an marapp	<i>iy)</i> :				
	ALALO, MACA		NYIGTORT L'E	DEGRON	cinca			·, · · ·		
		B, IN	TERNAL	L RESPON	SE			· 		
INTERNAL FACILITY EMI 1. CALLING PUBLIC EM 2. CALLING HAZARDO 3. ACTIVATING IN-HOU	ERGENCY RESPONS MERGENCY RESPON US WASTE CONTRA JSE EMERGENCY R	E WILL OCCUR DERS (e.g., 9-1-1 CTOR ESPONSE TEAM	BY (Check all )	that apply):						
C. EMER	GENCY COM	MUNICAT	IONS, PI	IONE NUM	<b>/BERS</b>	AND	NOTIFICATIONS	•••••		
In the event of an emergency i	nvolving hazardous m	iterials and/or haze	irdous waste, a	Il facilities must l	MMEDIAT	TELY:	·	[		
1. Notify facility personnel and 2. Notify local emergency resp 3. Notify the local Unified Pro 4. Notify the State Warning C	d evacuate if necessary ponders by calling 9-1- ogram Agency (UPA) a enter at (800) 852-755	in accordance wit i; t the phone numbe ).	h the Emergen r below; and	cy Action Plan (T	itle 8 Califo	ornia Code	e of Regulations §3220);			
<ul> <li>is an imminent or actual emerge of facility and type of release in</li> <li>1. Title 22 California Code of</li> <li>2. Title 22 California Code of</li> <li>3. Title 40 Code of Federal Re</li> <li>4. Title 22 California Code of hazardous waste in any cale</li> <li>Following notification and befand the local fire department's</li> </ul>	ency situation such as nvolved: Regulations §66265.50 gulations §66265.19 gulations §302.6. Noti Regulations §66262.3 ndar month. fore facility operations hazardous materials pr	an explosion, fire, . Emergency Proc. 6. Response to Le fication requirement 4(d)(2) and Title 4 are resumed in are ogram, if necessar	or release, the edures for gene aks or Spills a ats for a release 0 Code of Fec as of the facility, that the facil	emergency Coord orators of 1,000 ki ad Disposition of 1 e of a hazardous st leral Regulations by affected by the ity is in compliant	ilograms or Leaking or ubstance ec §262.34(d) incident, th ce with req	more of h Unfit-for- jual to or g (5)(ii) for be Emerged uirements	azardous waste in any calendar m Use Tank Systems. greater than the reportable quantity generators of less than 1000 kilo ney Coordinator shall notify the k to:	onth. y. grams of ocal UPA		
<ol> <li>Provide for proper storage a the facility; and</li> <li>Ensure that no material that procedures are completed.</li> </ol>	nd disposal of recover is incompatible with th	e released material	is transferred,	stored, or dispose	y outer man ed of in area	enai that i as of the fa	cility affected by the incident unti	l cleanup		
EMERGENCY RESPONSE	AMBULANCE, FIR	E, POLICE AND	СНР				9-1-1			
PHONE NUMBERS:	CALIFORNIA STA	TE WARNING CI	ENTER (CSW	C)/CAL OES		(800) 852-7550				
	NATIONAL RESPO	NSE CENTER (N	RC)				(800) 424-8802			
	POISON CONTROL	CENTER	*****				(800) 222-1222			
	LOCAL UNIFIED P	ROGRAM AGEN	CY (UPA)				(951) 766-6524	CI.		
	OTHER (Specify):						C2.	С3,		
NEAREST MEDICAL FACILI	TY / HOSPITAL NAM	⊿E: Rancho S	prings Me	dical HospItal	]		<sup>c4.</sup> (951) 600-9070	CS.		
AGENCY NOTIFICATION PH	IONE NUMBERS:	CALIFORNIA I	DEPT. OF TO	KIC SUBSTANCE	ES CONTR	OL (DTS	c) (916) 255-3545			
		REGIONAL WA	TER QUALL	FY CONTROL BO	OARD (RV	VQCB}	(951) 928-3777	C6.		
		U.S. ENVIRON	MENTAL PRO	DTECTION AGE	NCY (US E	3PA)	(800) 300-2193			
		CALIFORNIA I	DEPT, OF FISI	HAND WILDLIF	E (CDFW)	)	(916) 358-2900			
		U.S. COAST GU	JARD (USCG)				(202) 267-2180			
		CAL OSHA					(916) 263-2800			
		CAL FIRE OFFI	CE OF THE S	TATE FIRE MAI	RSHAL (O	SFM)	(916) 323-7390			
		OTHER (Specify	):							
		OTHER (Specify	y):			•	C9.	C10.		
••••••••••••••••••••••••••••••••••••••			l					1		

•

CERS Consolidated Emergency Response / Contingency Plan

			1 . 1 .	CII
INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFIC	CATION WILL OCCUP	BY (Check all	that apply):	¢.ii
□ 1. VERBAL WARNINGS; □ 2. PUBLIC ADDRESS OR INTERCOM	M SYSTEM;	3. TELEPH	UNE;	
4. PAGERS;	V IN OUR OFTE DELE	AND WHILOC	CITE BY (Check	all that apply ?. Cl2
NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED B	I AN OFF-MILENDED			an that apply).
L (, VERBAL WARNINGS; L 2, PUBLIC ADDRESS OR INTERCOM	M S I S LEIVI,	E S, DORTAR		
LIS. ALARM SYSTEM;				CI1
EMERGENCY COORDINATOR CONTACT INFORMATION: 951 928-5940 or 9	51 928-5942			
PRIMARY EMERGENCY COORDINATOR NAME: Shift Supervisor	PHONE NO.: (951)	928-5940	PHONE NO .:	(951) 928-5942
ALTERNATE EMERGENCY COORDINATOR NAME:	PHONE NO .:		PHONE NO .:	
Check if additional Emergency Coordinator contact and address information is availe	able onsite or by calling	PHONE NO .:		
Note: If more than one alternate emergency coordinator is designated, attach a list in or	der of responsibility.			···· · · · · · · · · · · · · · · · · ·
D. EMERGENCY CONTAINMENT	AND CLEANU	P PROCE	DURES	ولا بين كمينا ( المينية م. الم
Check the applicable boxes to indicate your facility's procedures for containing spills an	d preventing and mitigat	ing releases, fir	es and/or explosi	ons.
				DI,
1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;	unutrually built in barn			
2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill condumn	nent wans, bint-in bern	s),		
1 1 3. PROVIDE ABSORBENT PHYSICAL BARKIERS (c.g., Pags, spin pigs, spin pi	nows),			
1 4. COVER OR BLOCK FLOOR AND/OR STORM DRAINS,				
5. LINED TRENCH DICALNS AND/OK SUMPS,				
$[\square 0, AUIOMATIC FIRE SOUTHERSION STRIEM,$				
TA & STOP PROCESSES AND/OR OF EXATIONS,				
IN 9. AUTOMATIC / BLECTROAL EQUIMENT STOT-OF STREAM,				
10, SHUT OFF WATER, GAS, ELECTRICAL OTHER ASSISTANCE AND/	DR MEDICAL AID:			
11. CALL 9-141 FOR POBLIC EMERODICET REDICTORER ADDITION THOSE THOSE	ACTED AREAS:			
TA ACCOUNT FOR EVACUATED PERSONS TAMEDIATELY AFTER EVACUA	TION:			
I D. ACCOUNT FOR BYACOATED TERBORIO INDEDUTION TO A TRACE THEORY	NSE TEAM:			
I 15 REMOVE CONTAINERS AND/OR ISOLATE AREAS:	· · · · · · · · · · · · · · · · · · ·			
FI 16 HIRE LICENSED HAZARDOLIS WASTE CONTRACTOR:				
THE USE ABSORDENT MATERIAL FOR SPILL CONTAINMENT:				
□ 18 VACUUM SUCTION USING APPROPRIATE VACUUM (e.g., Intrinsically safe	) FOR SPILL CONTRO	L AND/OR CL	EANUP;	
19. DECONTAMINATE PERSONNEL AND EOUPMENT WITHIN DESIGNATE	D AREA AND DISPOS	E OF WASTEV	VATER AS HAZ	ARDOUS WASTE;
20. PROVIDE SAFE TEMPORARY STORAGE OF HAZARDOUS WASTE GENER	RATED DURING EME	RGENCY ACT	IONS;	D3
1 21. OTHER (Specify):				×**.
AND				
E Regeler and the state of the	ACUATION			
THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION	OF THE FACILITY (C	heck all that ap	ply):	BL, H2
$\Box$ 1. BELLS;				152.
2. HORNS/SIRENS;				
[] 3. VERBAL (I.e., Shouring);				
THE FOLLOWING LOCATION(S) WILL BE USED FOR AN EMERGENCY ASSEMI	BLY AREA(S) (c.g., Par	king lot, street of	corner);	E3.
THE POLICY WIND ECCATION(B) WILD BE CODE TORTHY DAMAGENCE (1000000		5 /		
Parking Lor in north of Admin building	avanuation			
Note: The Emergency Coordinator must account for all onsite employees and visitors are EVACUATION ROUTE S AND ALTERNATE EVACUATION ROUTES ARE DESCR	IBED AS FOLLOWS:			E4.
	1 DT 1 S.			
IN URITEN PROCEDURES DESCRIBING ROUTES, EAILS, AND ASSEMBLY ARE	AS.			
2. EVACUATION MAR(5) DELCTING ROUTES, EATIO, AND ADDEMDET MED	,			B3.
[] 5. Official (specify).				
Note: Evacuation procedures and/or maps should be posted in visible facility locations and	l must be included in the	Contingency P	an.	
F. ARRANGEMENTS FOR EM	IERGENCY SI	RVICES		
ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of	f the following):			Fl.
■ 1. HAVE BEEN DETERMINED NOT NECESSARY;				FO
□ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):				P4.
			•	_
Note: Advance arrangements with local fire and police departments, hospitals, state and lo contractors should be made for your facility, if necessary. Large Quantity Generators mus	cal emergency response t describe arrangements	teams, and/or el in the Continger	mergency service ncy Plan.	S

	G. EMER	RGENCY EQUIPMENT	
Cheek th equipment	e applicable boxes to list emergency response equipment av nt's capability, if applicable.	ailable at the facility, identify the location(s)	where the equipment is kept, and indicate the
TYPE	EQUIPMENT AVAILABLE GL	LOCATION G2.	CAPABILITY G3.
EXAMPL	E CHEMICAL PROTECTIVE GLOVES	SPILL RESPONSE KIT	SINGLE USE, OIL RESISTANT ONLY
Safety	1. M CHEMICAL PROTECTIVE SUITS, APRONS, AND/OR VESTS	Chemical storage areas Warehouse	Varlous
First Aid	2. CHEMICAL PROTECTIVE GLOVES	Chemical storage areas Warehouse	Various
	3. CHEMICAL PROTECTIVE BOOTS		
	4. SAFETY GLASSES, GOGGLES, AND FACE SHIELDS	Chemical storage areas Warehouse	Various
	5. 💌 HARDHATS	Warehouse	
1	6. AIR-PURIFYING RESPIRATORS	Warehouse	Ammonla
	7. SELF-CONTAINED BREATHING APPARATUS (SCBA)		
	8. FIRST AID KIIS	Admin and Maintenance Shop	
	9. I PLUMBED EYEWASH FOUNTAIN AND/OR SHOWER	Throughout facility	
	10. PORTABLE EYEWASH KITS AND/OR	Haz Waste Area and Aux Boiler	
Fire	12. I PORTABLE FIRE EXTINGUISHERS	Throughout facility	
Fighting	13. FIXED FIRE SUPPRESSION SYSTEMS AND/ OR SPRINKLERS	Throughout facility	
	14. 🖬 FIRE ALARM BOXES	Throughout facility	
	15. 🗋 OTHER		
Spill Control	16. 🖪 ALL-IN-ONE SPILL KIT	Throughout facility	
and	17.  ABSORBENT MATERIAL	Throughout facility	
Clean-Up	18. CONTAINER FOR USED ABSORBENT	Throughout facility	
	19. II BERM AND/OR DIKING EQUIPMENT	Throughout facility	
	20. 🔳 BROOM	Throughoul facility	•
	21. 🔳 SHOVEL	Throughout facility	
	22. 🔲 VACUUM		
-	23. 📋 BXHAUST HOOD		
	24. 💽 SUMP AND/OR HOLDING TANK	Throughout facility	
	25. CHEMICAL NEUTRALIZERS		
j	26. 🔲 GAS CYLINDER LEAK REPAIR KIT		
	27. 🖪 SPILL OVERPACK DRUMS	Haz Waste Area	
	28. 🔲 OTHER		
Communi-	29. 🔳 TELEPHONES (e.g., Cellular)	Admin and Maintenance Are	
ind	30. INTERCOM AND/OR PA SYSTEM	Throughout facility	
Alarm Systems	31. 🖪 PORTABLE RADIOS	Shift Supervisor Office	
	32. I AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	Throughout facility	
Other	33. 🔲 OTHBR		
1.1.1	34. 🗌 OTHER		

H. EARTHQUAKE VUL	NERABILITY	, ,
Identify areas of the facility that are volnerable to hazardous materials releases due to seismic	motion. These areas require immediate isolation and inspection.	
VULNERABLE AREAS (Check all that apply): I. HAZARDOUS MATERIALS AND/OR WASTE STORAGE AREAS 2. PROCESS LINES AND PIPING 3. LABORATORY 4. WASTE TREATMENT AREA	LOCATIONS (e.g., Shop, outdoor shed, lab): NE corner of Facility Throughout facility Water Treatment Building	H2.
Identify mechanical systems vulnerable to releases / spills due to carthouake-related motion 7	These systems require immediate isolation and inspection.	
VULNERABLE SYSTEMS AND/OR EQUIPMENT (Check all that apply):       HJ.         I. SHELVES, CABINETS AND/OR RACKS       2. TANKS AND SHUT-OFF VALVES         I. 2. TANKS AND SHUT-OFF VALVES       3. PORTABLE GAS CYLINDERS         I. 4. EMERGENCY SHUT-OFF AND/OR UTILITY VALVES         I. 5. SPRINKLER SYSTEMS         I. 6. STATIONARY PRESSURIZED CONTAINERS (c.g. Propage tagk)	LOCATIONS: Throughout facility	H4.
E COMPACTANCE INCOMENCE OF THE AND CAREE TO A	INTEREST AND	·····
I. EMPLOYEE IRA		
<ul> <li>Employee training plans may include the following content:</li> <li>Applicable laws and regulations;</li> <li>Emergency response plans and procedures;</li> <li>Safety Data Sheets;</li> <li>Hazard communication related to health and safety;</li> <li>Methods for safe handling of hazardous substances;</li> <li>Hazards of materials and processes (e.g., fire, explosion, asphyxiation);</li> <li>Hazard mitigation, prevention and abatement procedures;</li> <li>Coordination of emergency response actions;</li> <li>Notification procedures for local emergency responders, CUPA, Cal OES, and onsite personuel;</li> </ul>	Communication and alarm systems; Personal protective equipment; Use and maintenance of emergency response equipment and suppli (e.g. Fire extinguishers, respirators, spill control materials); Decontamination procedures; Evacuation procedures and evacuation staging locations; Identification of facility areas, equipment, and systems vulnerable t earthquakes and other natural disasters. Of the content of the stage of the systems of the syst	ies lo
Check the applicable boxes below to indicate how the employee training program is administered 1. FORMAL CLASSROOM 2. VIDEOS 3. SAFETY MEETI 5. OTHER (Specify): Online courses 1. NOT APPLICABLE SINCE FACILITY HAS NO EMPLOYEES	ad. NGS I 4. STUDY GUIDES / MANUALS	11. 12,
<ul> <li>□ 7. CHECK IF A SEPARATE EMPLOYEE TRAINING PLAN IS USED AND UPLOADE</li> <li>□ 8. CHECK IF EMPLOYEE TRAINING IS COVERED BY THE ABOVE REFERENCED</li> </ul>	D TO CERS AS A PDF DOCUMENT CONTENT AND OTHER DOCUMENTS ONSITE	13. 14.
<ul> <li>EMPLOYEE TRAINING FREQUENCY AND RECORDICEEPING TRAINING MUST I</li> <li>Provided initially for new employees as soon as possible following the date of hire. New hazardous materials handling and/or hazardous waste management without proper training;</li> <li>Provided within six months from the date of hire for new employees at a large quantity generation. Ongoing and provided at least annually;</li> <li>Amended prior to a change in process or work assignment;</li> <li>Given upon modification to the Emergency Response/Contingency Plan.</li> </ul>	BE: employees should not work in an unsupervised position that involv ator;	/es
<ul> <li>A written description of the type and amount of both initial and ongoing training that will be give waste management and/or emergency response.</li> <li>The name, job tille and job description for each position at the facility related to hazardous was</li> <li>Current employee training records must be retained until closure of the facility and former e termination of employment.</li> </ul>	into persons filling each job position having responsibility for hazardo iste management, imployee training records must be retained for at least three years aft	us ier
Small Quantity Generator Training: Small quantity generators (less than 1,000 kg) must procedures but a written employee training plan and training records are not required. In order training requirement, an employee training plan and training records may be made available.	include basic hazardous waste management and emergency respon- to show that the facility has met the small quantity generator employe	se ee
Hazardous Materials Business Plan Training: Businesses must provide initial and annual emp may be based on the job position and training records must be made available for a period of at k	loyee training that includes the content referenced above. The trainin east three years.	ug
J. LIST OF ATTACHN	<b>DENTS</b> л	
■ 1. NO ATTACHMENTS ARE REQUIRED; or □ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED:	12,	

#### California Environmental Reporting System (CERS)

### Inland Empire Energy Center, LLC (CERSID: 10324351)

 Facility Information
 Submitted Feb 7, 2018

 Submitted on 2/7/2018 11:42:36 AM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

Business Activities

Business Owner/Operator Identification

 Hazardous Materials Inventory
 Submitted Feb 7, 2018

 Submitted on 2/7/2018 11:42:36 AM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

- Hazardous Material Inventory (45)
- Site Map (Official Use Only)
  - Annotated Site Map (Official Use Only) (Adobe PDF, 1243KB)

Emergency Response and Training Plans Submitted Feb 7, 2018 Submitted on 2/7/2018 11:42:36 AM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

- Emergency Response/Contingency Plan
   Emergency Response/Contingency Plan (MS Word, 449KB)
- Employee Training Plan
   Provided In Submital Element: Emergency Response and Training Plans

 Aboveground Petroleum Storage Act
 Submitted Feb 7, 2018

 Submitted on 2/7/2018 11:42:36 AM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

Aboveground Petroleum Storage Act Documentation
 Provided In Submital Element: Hazardous Materials Inventory

#### California Environmental Reporting System (CERS)

Site Identification

Inland Empire Energy Center, LLC					
ib226 Antelope Rd tomoland, CA 92585 iounty liverside					
Submittal Status Submitted on 2/7/2018 by <i>Francisco Escobedo</i> of Inland Empire Energy Center, LLC (Romoland, CA)					
Hazardous Materials Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<sup>)</sup> Yes				
Underground Storage Tank(s) (UST) Does your facility own or operate underground storage tanks?	No				
Hazardous Waste Is your facility a Hazardous Waste Generator?	Yes				
Does your facility treat hazardous waste on-site?	No				
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	No				
Does your facility consolidate hazardous waste generated at a remote site?	No				
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	No				
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	No				
Is your facility a Household Hazardous Waste (HHW) Collection site?	No				
Excluded and/or Exempted Materials					
Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	No				
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers	Yes				

Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Yes Release prevention Program (CalARP)?

#### Additional Information

No additional comments provided.

**Business Activities** 

### California Environmental Reporting System (CERS)

#### Facility/Site Inland Empire Energy Center, LLC 26226 Antelope Rd Romoland, CA 92585

#### Submittal Status

Submitted on 2/7/2018 by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

#### Identification **Beginning Date Ending Date** GΕ Operator Phone Business Phone **Business Fax** SIC Code Primary NAICS (951) 928-5940 (951) 928-5900 Dun & Bradstreet 2112 Primary Emergency Contact Facility/Site Mailing Address Ben Kling 26226 Antelope Road Menifee, CA 92585 Title Plant Manager **Business Phone** 24-Hour Phone Pager Number (95) 192-8593 (951) 928-5940 Secondary Emergency Contact Owner nland Empire Energy Center lason Taylor Title (951) 928-5941 EHS Manager 26226 Antelope Road Pager Number Menifee, CA 92585 Business Phone 24-Hour Phone (951) 928-5908 (951) 928-5940 Environmental Contact **Billing Contact** Inland Empire Energy Center, LLC Jason Taylor (951) 928-5908 jason2.taylor@ge.com (951) 928-5941 26226 Antelope Road 26226 Antelope Road Menifee, CA 92585 Menifee, CA 92585 Signer Title **Document Preparer** Name of Signer **Director of Asset** Jason Taylor Francisco Escobedo Additional Information Locally-collected Fields Some or all of the following fields may be required by your local regulator(s). Assessor Parcel Number (APN) Property Owner Number of Employees Phone Facility ID Mailing Address

**Business Owner Operator** 

CERS ID 10324351

		Hazardo	us Materials /	And Waste	s inventor	y Matrix	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo			Chemical Loca	ition Y COOLING	i SYSTEM		CERS ID 103 Facility ID Status Sub	324351 mitted on 2/7	/2018 11:42 AM	
		·	Quantities		Annual Waste	Federal Hazard	Hazardous Components (For mixture only)			
DOT: 8 - Corrosives (Liquids and		Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Solids) Corrosive, Toxic	CAS No	<u>State</u> Liquid <u>Type</u> Mixture	Storage Container Steel Drum Days on Site: 365		55 <u>Pressue</u> Ambient <u>Temperature</u> Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Iuritation	SODIUM MOLYBDATE		7631-95-0 7632-00-0

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CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antek	pire Energy Center, I pire Energy Center, I ope Rd, Romoland 92585	LC		Chemical Loca BETWEEN	ition UNIT #2 Af	ND COOLI	NG TOWERS	CERS ID 1032 Facility ID Status Submi	<b>4351</b> tted on 2/7	/2018 11:42 AM
DOT Code/Fire Hay Class	Common Name	11-14	Back Daily	Quantities	A D '2	Annual Waste	Federal Hazard	Hazardou (For m	s Component ixture only)	.5
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	AMMONIUM HYDR <u>CAS №</u> ✓EHS 1336-21-6	OXIDE Pounds State Liquid Type	Storage Container Aboveground Tank	119680	Avg. Daily 179520 Pressue Ambient Temperature	Waste Code	- Health Acute Toxicity - Health Skin Corrosion	Component Name AMMONIUM HYDROXIDE	% Wt 30 %	EHS CAS No. 1336-21-6

		Hazardo	us Materials /	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC Intelope Rd, Romoland 92585			Chemical Loca BETWEEN	ation I UNIT 1 AN	ID 2		CERS ID 103243 Facility ID Status Submitter	5 <b>1</b> I on 2/7	/2018 11:42 AM
DOT Code/Sire Hay, Class	Common Namo	tinit	Mary Delly	Quantities	Aug Daile	Annual Waste	Federal Hazard	Hazardous Co 	mponent re only)	.5 
Toxic	CONNTECT 6000	Gallons <u>State</u> Liquid <u>Type</u> Mixture	s 250 <u>Storage Container</u> Other Days on Site: 365	250	125 Pressue Ambient Temperature Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eve Damage Eve	ETHYLENE GLYCOL MONOBUTYL ETHER ETHOXYLATED ALCOHOLS	20 %	111-76-2 68439-46-3
	ANT-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1						Irritation - Health Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report										
CERS Business/Org. Inland Empire Energy Center, LLC Facility Name Inland Empire Energy Center, LLC 26226 Antelope Rd, Romoland 92585				Chemical Location Chillers				CERS ID 10324351 Facility ID Status Submitted on 2/7/2018 11:42 A		
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Dupot Suva 123	Pound	s 12800	3200	12800		- Health Skin			
	CA5 No 306-83-2	<u>State</u> Gas	Storage Container Cylinder	-	<u>Pressue</u> Ambient	Waste Code	Corrosion Irritation - Health Serious			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient	9e*	Eye Damage Eye Irritation			
							- Health Specific			
							Target Organ			
L							Toxicity			
	a and the second se	Hazardo	us Materials A	nd Waste	s Inventor	y Matrix I	Report			
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CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ition ER TREAME	ENT, N OF	COOLING TOW	CERS ID 1032 /ER Facility ID Status Subm	24351 litted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	linit	May Daily	Quantities	Aug Doilu	Annual Waste	Federal Hazard	Hazardor (For n	us Component nixture only)	
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 2	SODIUM HYPOCHLORITE CAS No 7681-52-9	Gallons <u>State</u> Liquid <u>Type</u> Mixture	25500 Storage Container Aboveground Tank Days on Site: 365	8500	20400 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM HYPOCHLORITE SODIUM HYDROXIDE SODIUM CHLORIDE	% Wt 15 % 1 % 15 %	EHS CAS No. 7681-52-9 1310-73-2 7647-14-5

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		Hazardou	us Materials /	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org. Inland Er Facility Name Inland Er 26226 Ante	mpire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca	ation JNIT #1 ANE	) #2		CERS ID Facility Status	10324351 D Submitted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities	Avg. Daily	Annual _ Waste Amount	Federal Hazard	Composed Name	Hazardous Component (For mixture only)	S
DOT: 2.1 - Flammable Gases	HYDROGEN, COMPRESSED	Cu. Feet	104000	52000	104000	Amodate	- Physical	Component Name	% Wt	EHS CAS No.
Flammable Gas, Cryogen	<u>CAS No</u> 1333-74-0	State S Gas ( Type Pure I	atorage Container Cylinder Days on Site: 365	<b>w</b>	Pressue > Ambient Temperature Ambient	Waste Code	Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphysiant			

		Hazardou	s Materials /	And Waste	s inventory	Matrix	Report			
CERS Business/Org. Inland Er Facility Name Inland Er 26226 Ante	npire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca Gas Chror	tion natagraph			CERS ID Facility ID Status	10324351 , Submitted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz, Class	Common Name	linit	Max Daily	Quantities	Aug Dailu	Annual Waste	Federal Hazard	}	Hazardous Component (For mixture only)	\$
DOT: 2.1 - Flammable Gases	METHANE/ETHANE MIXTURE	Cu. Feet	1000	500	500	Ashount	- Physical	METHANE	90 %	74-82-8
Flammable Gas	CAS No	<u>State St</u> Gas C	torage Container Sylinder	*	Pressue > Ambient	Waste Code	Flammable - Physical Gas	ETHANE NITROGEN	5 % 3 %	74-84-0 7727-37-9
		<u>Type</u> Mixture D	ays on Site: 365		Temperature Ambient		Under Pressure - Physical Explosive	PROPANE	1 %	74-98-6

		Hazardo	us Materials	And Waste	s Inventory	y Matrix F	Report			
CERS Business/Org. Inland Er Facility Name Inland Er 26226 Ante	mpire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca	ation DUS MATERI	ALS AND	WASTE STORA	CERS ID 103243 GE Facility ID Status Submitte	51 d on 2/7	/2018 11:42 AM
DOT Code/Fire Haz, Class	Common Name	i Init	May Daily	Quantities	Aug. D=14	Annual Waste	Federal Hazard	Hazardous C (For mixtu	omponent ire only)	ts
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A, Toxic	PAINTS CAS No	Galions <u>State</u> Liquid <u>Type</u> Mixture	300 Storage Container Other Days on Site: 365	5	150 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	BIS-A-LIQUID EPOXY RESIN TITANIUM DIOXIDE TRIBUTOXYETHYL PHOSPHATE CALCINED ALUMINUM SILICATE	% Wft 30 % 25 % 5 % 5 %	EHS CAS No. 25085-99-8 13463-67-7 78-51-3 1332-58-7
DOT: 2.1 - Flammable Gases Unstable (Reactive), Class 2, Flammable Gas	ACETYLENE CAS No 74-86-2	Cu. Fee State Gas <u>Type</u> Pure	t 920 Storage Container Cylinder Days on Site: 365	230	460 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable "- Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant			

		Hazardou	s Materials A	and Waste	s Inventory	Matrix	Report			
ERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ntion STORAGE; N	1AINTEN#	ANCE SHOP	CERS ID Facility ID Status	10324351 Submitted on 2/7/2	2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard	Ha2	zardous Components (For mixture only)	
DOT: 2.2 - Nonflammable Gases		Cu Foot	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Iryogen	<u>CAS No</u> 7440-37-1	<u>State</u> <u>S</u> Gas C	torage Container Cylinder	291	Pressue > Ambient	Waste Code	Under Pressure - Health Simple			
		Type Pure D	Days on Site: 365		Temperature Ambient		Asphyxiant			

od ostan ozna značalno na sevel na s Postane stanik do se		Hazardo	us Materials /	And Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antel	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca Inside wa	ition ter treatme	ent buildin	g	CERS ID 103243 Facility ID Status Submitted	51 I on 2/7	7/2018 11:42 AM
DOT Code/Fire Haz, Class	Common Name	linit	Have Drille	Quantities	A 0-12	Annual Waste	Federal Hazard	Hazardous Co (For mixtu	mponen re only)	ts
Solids) Corrosive, Toxic	GIOMATE MIBC281 BIOCIDE	Gallons <u>State</u> Liquid <u>Type</u> Mixture	55 Storage Container Steel Drum Days on Site: 365	-	20 <u>Pressue</u> Ambient <u>Temperature</u> Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin	Magnesium Nitrate 5-Chloro-2-Methyl-4-isothiazolin- -One Corrosive	3	10377-60-3 26172-55-4
							Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

		Hazardo	us Materials A	nd Waste	s Inventory	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ntion ATER TREAT	rment bu	ILDING	CERS ID Facility I Status	10324351 5 Submitted on 2/7/	2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	SPECTRUS DT1404	Gallons <u>State</u> Liquid <u>Type</u> Mixture	550 Storage Container Aboveground Tank Days on Site: 365	550	275 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	SODIUM BISULFITE		7631-90-5

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		Hazardou	us Materials /	And Waste	s Inventory	/ Matrix	Report			
ERS Business/Org. Inland Em Facility Name Inland Em 26226 Anteld	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca MAINTEN	ution ANCE SHOP	AND HAZ	ZMAT STORAGE	CERS ID Facility ID Status	10324351 Submitted on 2/7,	/2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard	Ha	zardous Component (For mixture only)	s
DOT Code/Fire Haz. Class		Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOTTORY OXIGIZING Substances	UXYGEN	Cu. Feet	768	192	384		- Physical Gas			
Dxidizing, Class 1	<u>CAS No</u> 7782-44-7	<u>State</u> Gas	Storage Container Cylinder		Pressue > Ambient	Waste Code	<ul> <li>Under Pressure</li> <li>Physical Oxidizer</li> </ul>			
		Type Pure	Days on Site: 365		Temperature Ambient	-				

		Hazardous	s Materials A	nd Waste	s inventory	Matrix I	Report			e normane en se
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC Intelope Rd, Romoland 92585			Chemical Loca	ition IT 1 AND UN	IT 2 CONI	DENSER	CERS ID 103 Facility ID Status Subr	24351 mitted on 2/7/	2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	Unit .	Max. Daily	Quantities	Avg Daily	Annual Waste	Federal Hazard	Hazardo (For	ous Components mixture only}	5
Toxic	CORTROL OS5607 CAS No	Gallons State Str Liquid Al	1100 torage Container boveground Tank	550	550 Pressue Ambient	Waste Code	- Health Respiratory Skin Sensitization	CARBONIC DIHYDRAZIDE	<u>% Wt</u>	EHS CAS No. 497-18-7
		<u>Type</u> Mixture D;	ays on Site: 365		Temperature Ambient					

ERS Business/Org. Inland Em	nire Epergy Center, LLC	TEXEIO0	ius Materiais /	Chemical Loc	sinventory	<u>/Maurix</u>	Report		40004054	
acility Name Inland Em 26226 Antelo	pire Energy Center, LLC			NORTH W	AREHOUSE	AND CEN	1S SHACKS	CERS ID Facility II Status	10324351 5 Submitted on 2/7,	2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	;
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	EPA PROTOCOL GASES	Cu. Fee	et 2240	140	1120		- Physical Gas	OXYGEN	24 %	7782-44-7
	CAS No	<u>State</u> Gas	Storage Container Cylinder	-	Pressue > Ambient	Waste Code	Under Pressure	NITROGEN	99 %	7727-37-9
		Type			Temperature					

		Hazardou	is Materials A	nd Waste	s Inventor	y Matrix	Report			
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC Intelope Rd, Romoland 92585			Chemical Loca	tion WATER TRE	ATMENT	BUILDING	CERS ID Facility I Status	10324351 D Submitted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % W(t	EHS CASNO
	SODIUM CHLORIDE (SALT) <u>CAS No</u> 7647-14-5	Pounds State S Liquid A Type Pure [	100000 Storage Container Aboveground Tank Days on Site: 365	50000	80000 Pressue Ambient Temperature Ambient	Waste Cod	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation		26 441	

		Hazardo	us Materials .	And Waste	s Inventory	y Matrix I	Report	ener er an sternen av ener		
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ppe Rd, Romoland 92585			Chemical Loca POWER B	ition LOCKS			CERS ID 1032 Facility ID Status Submi	4351 itted on 2/7	/2018 11:42 AM
				Quantities		Annual _ Waste	Federal Hazard	Hazardou (For m	s Component ixture only}	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DUT: 8 - Corrosives (Liquids and	STEAMATE NA1321	Gallons	2100	350	1400		- Physical	AMMONIUM HYDROXIDE	40 %	1336-21-6
Corrosive, Toxic	<u>CAS No</u>	State Liquid <u>Type</u> Mixture	Storage Container Other Days on Site: 365		Pressue Ambient Temperature Ambient	- Waste Code	Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ			

		Hazardou	s Materials /	And Waste	s Inventory	Matrix I	Report			
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC Antelope Rd, Romoland 92585			Chemical Loca Spare Trai	tion nsformer			CERS ID 10324 Facility ID Status Submit	1351 ted on 2/7	//2018 11:42 AM
	<b>6</b>			Quantities		Annual Waste	Federal Hazard	Hazardous (For miz	Component (ture only)	ts
DOT CODE/FILE Haz. Class			Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Hytrans 61	Gallons	23000	28200	23000		- Health Skin	Distillates, Petroleum and	99 %	64742-53-6
	CAS No	<u>State St</u> Liquid O Type	torage Container )ther	•	Pressue Ambient Temperature	Waste Code	Irritation - Health Serious	2, 6-Di-t-butyl-p-cresol (BHT)	1%	128-37-0
		Mixture D	ays on Site: 365		Ambient	•	Eye Damage Eye Irritation			

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CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca Stored ins	ition side Water '	Treatment	t Bulding	CERS ID Facility I Status	10324351 D Submitted on 2/7	/2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	5
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Reverse Osmosis Membrane Cleaner Kleen MCT103 <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	s 250 <u>Storage Container</u> Tote Bin Days on Site: 365	250	150 <u>Pressue</u> Ambient <u>Temperature</u> Ambient	- <u>Waste Code</u>	- Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity	Nitriloriacetic Acid, T Organic Chelant Carboxylic Acid Phosphoric Acid	risodium Salt 1 % 20 %	5064-31-3 7664-38-2

		Hazardou	ıs Materials /	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org. Inland Er Facility Name Inland Er 26226 Anti	mpire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca	ntion RMERS			CERS ID 1 Pacility ID Status S	.0324351 ubmitted on 2/7/	2018 11:42 AM
DOT Code/Fire Hay Class	Common Nomo	1/~	Mari Dallu	Quantities		Annual Waste	Federal Hazard	Haz	ardous Components For mixture only}	
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	MOBIL DTE 832	Gallons State S Liquid C Type Mixture [	32100 Storage Container Other Days on Site: 365	32100	32100 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye		% Wt	EHS CAS No.

		Hazardo	us Materials A	nd Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ition ND UNIT 2			CERS ID Facility ID Status	10324351 Submitted on 2/7,	/2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard	ł	iazardous Component (For mixture only)	5
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Toxic	OPTISPERSE HP3100	Gallons State Liquid Type Mixture	<b>1100</b> Storage Container Aboveground Tank Days on Site: 365	550	550 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>	SODIUM HYDROXIDE		1310-73-2

		Hazardo	us Materials A	nd Waste	s Inventory	/ Matrix	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ation AREAS			CERS IL Facility Status	2 10324351 (10 Submitted on 2/7	/2018 11:42 AM
DOT Code/Sire Hay, Class	Common Namo	115	Bass Spills	Quantities	aur D-flu	Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
DOT: 2.2 - Nonflammable Gases	CARBON DIOXIDE	Pounds	55900	26000	55900	Amount	- Physical Gas	Component Name Carbon Dioxide	% Wt	EHS CAS No. 124-38-9
Cryogen	<u>CAS No</u> 124-38-9	<u>State</u> Gas	Storage Container Aboveground Tank	, Cylinder	Pressue > Ambient	Waste Code	Under Pressure - Health Simple Asphyxiant	Nitrous Oxide		10024-97-2
		Pure	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	SULFUR HEXAFLUORIDE	Pounds	3892	1355	3202		- Physical Gas			
Cryogen	CAS No 2551-62-4	<u>State</u> Gas	Storage Container Cylinder, Other		Pressue > Ambient	Waste Code	Under Pressure - Health Simple			
		Type Pure	Days on Site: 365		Temperature Ambient		Aspnyxiant			

		Hazardous	Materials /	And Waste	s Inventory	Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ppe Rd, Romoland 92585			Chemical Loca	tion LOCATIONS			CERS ID 10324351 Facility ID Status Submitted on 2/7/2018 11:42 AM		
				Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	s
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	NITROGEN <u>CAS No</u> 7727-37-9	Cu. Feet State St Gas Cu Type Pure D	260350 orage Container /linder, Other	112200	260350 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases	HELIUM, COMPRESSED CAS No 7440-59-7	Cu. Feet State St Gas C Type Pure D	1746 orage Container ylinder ays on Site: 365	291	873 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	LEAD-ACID BATTERY CAS No ✓EHS	Pounds <u>State St</u> Solid O <u>Type</u> Mixture D	83752 orage Container ther ays on Site: 365	262	83752 Pressue Ambient Temperature Ambient	" <u>Waste Code</u>	Physical     Corrosive To     Metal     Health     Carcinogenicity     Health Acute     Toxicity     Health Reproductive     Toxicity     Health Skin     Corrosion     Irritation     Health     Respiratory Skin     Sensitization     Health Serious     Eye Damage Eye     Irritation     Health Specific     Target Organ	LEAD ANTIMONY ARSENIC SULFURIC ACID	60 % 2 % 1 % 30 %	7439-92-1 7440-36-0 7440-38-2 ✓ 7664-93-9

		Hazardo	us Materials	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org. Inland E Facility Name Inland E 26226 Ant	mpire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca VARIOUS		5		CERS ID Facility Status	10324351 ID Submitted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities	Ave. Daily	Annuai Waste	Federal Hazard	Component Name	Hazardous Component (For mixture only)	
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	DIESEL FUEL <u>CAS No</u> 68476-34-6	Galions <u>State</u> Liquid Type Pure	8000 Storage Container Aboveground Tan Days on Site: 365	3500	7750 Pressue Ambient Temperature Ambient	Waste Cod	Physical     Flammable     Carcinogenicity     Health Acute     Toxicity     Health Skin     Corrosion     Irritation     Health     Respiratory Skin     Sensitization     Health Serious     Eye Damage Eye     Irritation			

		Hazardou	s Materials A	and Wastes	s Inventory	Matrix	Report			
CERS Business/Org. Inland Er Facility Name Inland Er 26226 Ante	npire Energy Center, LLC npire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca	<sup>ition</sup> USE AND UN	NIT 1 AND	2	CERS ID Facility ID Status	10324351 Submitted on 2/7/	2018 11:42 AM
DOT Code/Fire Haz, Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual _ Waste Amount	Federal Hazard Categories	H: Compopent Name	azardous Components (For mixture only) % W/t	EHS CAS No
DOT: 2.1 - Flammable Gases Flammable Gas	ODORIZED COMMERCIAL PROPANE CAS No	Pounds <u>State</u> St Gas C <u>Type</u> Mixture D	340 torage Container ylinder bays on Site: 365	17	170 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable	PROPANE ETHANE PROPYLENE BUTANES	100 % 5 % 10 % 3 %	74-98-6 74-84-0 115-07-1

		Hazardo	us Materials /	And Waste	s Inventory	y Matrix I	Report			
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC ntelope Rd, Romoland 92585			Chemical Loca Waste Sto	<sup>ition</sup> Drage Pad			CERS ID Facility ID Status	10324351 , Submitted on 2/7	/2018 11:42 AM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	S FHS CAS No
Toxic	Waste Oily Water	Gallons State Liquid Type Waste	55 Storage Container Steel Drum Days on Site: 365	55	55 Pressue Ambient Temperature Ambient	Waste Code 221	- Health Carcinogenicity - Health Acute Toxicity	Waste Oily Water	5 %	64741-88-4

		Hazardo	us Materials /	And Waste	s Inventory	Matrix I	Report			
CERS Business/Org. Inland En Facility Name Inland En 26226 Ante	npire Energy Center, LLC npire Energy Center, LLC lope Rd, Romoland 92585			Chemical Loca WASTE ST	ntion FORAGE PAE	)		CERS ID 10324351 Facility ID Status Submitted on 2/7/2018 11:42 AM		
		<u>etti i e futuartuereta</u>				Annual		Hazardous Co	mponents	<u></u>
DOT Code/Fire Haz, Class	Common Name	linit	Max. Daily	Quantities	Avg. Daily	_ Waste Amount	Federal Hazard Categories	(For mixtue	e only}	
DOT: 6.1 - Toxic Substances Toxic	Waste - ABSORBENT AND OIL	Pounds State Solid	storage Container Steel Drum	55	1150 Pressue Ambient	Waste Code 352	- Health Carcinogenicity - Health Acute	USED OIL IN SORBENT	100 %	
		Type Waste	Days on Site: 365		Temperature Ambient	-	Toxicity			
DOT: 2.1 - Flammable Gases	UNUSABLE AEROSOL CANS	Pounds State Solid	s 150 Storage Container Steel Drum	150	110 Pressue Ambient	" Waste Code	- Physical Flammable - Physical Gas	UNUSABLE AEROSOL CANS WITH LIQUID-GAS RESIDUE	100 %	
Flammable Gas, Toxic		Solid <u>Type</u> Waste	Days on Site: 365		Ambient <u>Temperature</u> Ambient	343	Under Pressure - Health Carcinogenicity - Health Acute Toxicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazar - Health Simple Asphyxiant			
DOT: 8 - Corrosives (Liquids an Solids) Corrosive, Toxic	d WASTE ALKALINE BATTERIES	Pound <u>State</u> Solid <u>Type</u> Waste	s 15 <u>Storage Container</u> Other Days on Site: 365	15	12 <u>Pressue</u> Ambient <u>Temperature</u> Ambient	Waste Cod	- Physical Corrosive To e Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	ALKALINE BATTERIES	100 %	

		Hazardo	ous Materials /	And Waste	s Inventory	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca WASTE ST	tion ORAGE PAI	D		CERS ID Facility ID Status	10324351 Submitted on 2/7/:	:018 11:42 AM
				A		Annual		На	zardous Components	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Waste Amount	Federal Hazard Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	WASTE CORROSIVE LIQUIDS	Pound State Liquid Type Waste	s 10 Storage Container Steel Drum Days on Site: 365	10	5 Pressue Ambient Temperature Ambient	Waste Code 551	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious			
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A, Flammable Liquid, Class I-B, Flammable Liquid, Class I-C	WASTE FLAMMABLE LIQUIDS CAS No	Pound State Liquid Type Waste	ls 400 Storage Container Steel Drum Days on Site: 365		200 Pressue Ambient Temperature Ambient	<u>Waste Code</u>	Eye Damage Eye Irritation - Physical Flammable			
DOT: 6.1 - Toxic Substances Toxic	WASTE FLUORESCENT LAMPS	Pound State Solid Type Waste	is 20 Storage Container Other Days on Site: 365	10	10 Pressue Ambient Temperature Ambient	Waste Code 181	- Health Acute	FLUORESCENT LAMPS	100 %	
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	CAS No	Pound State Solid Type Waste	is 250 <u>Storage Container</u> Other Days on Site: 365	25	50 <u>Pressue</u> Ambient <u>Temperatur</u> Ambient	<u>Waste Cod</u>	<ul> <li>Physical Corrosive To</li> <li>Metal</li> <li>Health Acute Toxicity</li> <li>Health Reproductive Toxicity</li> <li>Health Skin Corrosion Irritation</li> <li>Health Skin Corrosion</li> <li>Irritation</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>	WASTE BATTERIES	100 %	

		Hazardo	us Materials A	And Waste	s Inventory	Matrix	Report			
CERS Business/Org. Inland En Facility Name Inland En	npire Energy Center, LLC npire Energy Center, LLC			Chemical Loca WASTE ST	ition ORAGE PAI	<b>)</b>		CERS IL Facility	0 10324351 ID	
26226 Ante	lope Rd, Romoland 92585			Quantities		Annual Waste	Federal Hazard	Status	Submitted on 2/7, Hazardous Component (For mixture only)	/2018 11:42 AM s
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A, Toxic	WASTE PAINTS CAS No	Gallons State Liquid Type Waste	100 Storage Container Can Days on Site: 365	5	50 Pressue Ambient Temperature Ambient	" <u>Waste Code</u>	<ul> <li>Physical</li> <li>Physical</li> <li>Flammable</li> <li>Health</li> <li>Carcinogenicity</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health</li> <li>Reproductive</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health</li> <li>Respiratory Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>			
DOT: 6.1 ~ Toxic Substances	USED OIL	Gallons	s 605	55	440		- Health	OIL	50 %	64741-88-4
Toxic	<u>CAS No</u> NA	<u>State</u> Liquid <del>Type</del> Waste	Storage Container Steel Drum Days on Site: 365	~	Pressue Ambient Temperature Ambient	Waste Codi 221	<ul> <li>Carcinogenicity</li> <li>Health Acute Toxicity</li> <li>Health Reproductive Toxicity</li> <li>Health Skin Corrosion Irritation</li> <li>Health Skin Corrosion</li> <li>Irritation</li> <li>Health Respiratory Skin Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye Irritation</li> <li>Health Specific Target Organ Toxicity</li> </ul>			

		Hazardo	us Materials /	And Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Anteld	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca WATER TI	ation REATMENT	AND COO	LING TOWER	CERS ID 103. Facility ID Status Subn	24351 nitted on 2/7	/2018 11:42 AM
				Quantities		Annual Waste	Federal Hazard	Hazardo {For r	us Component nixture only)	2
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	SULFURIC ACID (93%)	Pounds	183600 Storage Container	91800	153000 Pressue		- Physical Oxidize	r SULFURIC ACID	85 %	✔ 7664-93-9
Corrosive Toxic	CAS No V EHS	Liquid	Aboveground Tank	~ <	Ambient	Waste Code	- Physical Corrosive To	DIMETHYL ETHER METHYL SULFURIC ACID	15 % 3 %	115-10-6 75-93-4
		<u>iype</u> Mixture	Days on Site: 365		Ambient		Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	METHYL CHLORIDE	2 %	74-87-3

Hazardous Materials And Wastes Inventory Matrix Report										
CERS Business/Org. Inland Facility Name Inland 26226 A	Empire Energy Center, LLC Empire Energy Center, LLC Intelope Rd, Romoland 92585			Chemical Loca Water Tre	ution eatment Bu	iilding		CERS ID 10324 Facility ID Status Submitt	851 ≥d on 2/7	//2018 11:42 AM
	<u>- en la constantingen esta esta del la constantina del del del del del del del del del del</u>			Quantities		Annual Waste	Federal Hazard	Hazardous ( (For mix)	lomponen ure only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Membrane Cleaner	Gallons	400	400	300			Nitrilotrialetk Acid, Trisodium Sa	lt 1%	5064-31-3
		<u>State St</u> Liquid Ti Type	orage Container ank Inside Buildi	ing	Pressue Ambient Temperature	Waste Cod	le	N-Hydroxyethylediamine Triace Acid, Trosodium Salt Sodium Carbonate	tic 13%	139-89-9 497-19-8
		Mixture D	ays on Site: 30		Ambient			Sodium Dodecyclbenzenesulfonate Sodium Hydroxide	5% 5%	25155-30-0 1310-73-2

CERS Business/Org. Inland Empire Energy Center, LLC Facility Name Inland Empire Energy Center, LLC 26226 Antelope Rd, Romoland 92585		Hazardous Materials And Wastes Inventory Matrix Report								
			Chemical Location WATER TREATMENT BUILDING					CERS ID 10324351 Facility ID Statur Submitted on 2/7/2018 11:42 AM		
				Quantities		Annual Waste	Federal Hazard	Hazardous Components (For mixture only)		
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	SPECTRUS NX1100	Gallons State Liquid	<b>550</b> Storage Container Aboveground Tank	550	275 <u>Pressue</u> Ambient	Waste Code	- Physical Corrosive To _Metal	2-BROMO-2-NITROPROPANE-1,3- DIOL MAGNESIUM NITRATE	10 % 7 %	52-51-7 10377-60-3
Corrosive, Toxic		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient	-	- Health Acute Toxicity - Health Skin Corrosion	5-CHLORO-2-METHYL-4- ISOTHIAZOLIN-3-ONE MAGNESIUM CHLORIDE	5% 5%	26172-55-4 7786-30-3
							Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids)	BIOMATE MBC2881	Gallons State	550 Storage Container	550	400 Pressue	"" West- 0- 1	- Physical Corrosive To	2,2-DIBROMO-3- NITRILOPROPIONAMIDE	40 %	10222-01-2
Correctus Tavis		Liquid	Aboveground Tank	, Tote Bin	Ambient	Waste Code	- Health Acute		7% >v/	7547-15-6
Corrosive, Loxic		Туре			Temperature		- nearch Acute Toxicity	MONOBROMO-3-	∠ % 2 %	5252-45-5 1113-55-9
		Mixture	Days on Site: 365		Ambient		- Health	NITRILOPROPIONAMIDE	£ /0	<i><sup>1</sup></i> - <i>1</i> ,
DOT: 8 - Corrosives (Liquids and	KLEEN MCT 103	Gallon	s 700	350	350		Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health	NITRILOTRIACETIC ACID,	1%	73003-80-2
Solids)	CAS No	State	5 /UU Storage Container	550	Pressue	·······	Carcinogenicity	TRISODIUM SALT	± /0	100 00 0
Toxic, Corrosive		Liquid Type	Other		Ambient Temperature	waste Cod	e Health Reproductive	TRIACETIC ACID, TRISODIUM SALT	40 % Г	139-89-9
		Mixture	Days on Site: 365		Ambient		Toxicity	GLYCOLIC ACID	40 %	79-14-1
							- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	PHOSPHORIC ACID	13 %	7664-38-2

		Hazardo	us Materials	And Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Inland Em Facility Name Inland Em 26226 Anteld	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca WATER T	ation REATMENT	BUILDING		CERS ID 10: Facility ID Status Sub	324351 mitted on 2/7	/2018 11:42 AM
	• • • • • • • • • • • • • • • • • • •	11.25		Quantities		Annual Waste	Federal Hazard	Hazard (For	lous Component r mixture only)	ts
DOT Code/Fire Haz. Class DOT: 8 - Corrosives (Liquids and Solids) Corrosive	HYDROCHLORIC ACID, 20%	Gallons State Liquid Type Mixture	Storage Container Plastic/Non-metal Days on Site: 365	ic Drum	55 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	HYDROGEN CHLORIDE	10 %	7647-01-0
	HYPERSPERSE MSI310	Gallons <u>State</u> Liquid <u>Type</u> Mixture	s 550 Storage Container Aboveground Tan Days on Site: 365	550 .k	400 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			





# Inland Empire Energy Center, LLC 26226 Antelope Rd Menifee, CA 92585



# SPILL PREVENTION, CONTROL, AND COUNTERMEASURE PLAN

Submitted to: Inland Empire Energy Center, LLC Contact: Operations Manager (951) 928-5904

Prepared By: AMEC Environment & Infrastructure, Inc. 121 Innovation Drive. Suite 200 Irvine, CA 92617

January 2014

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#### 1.0 APPROVAL AND CERTIFICATION

#### 1.1 IEEC MANAGEMENT APPROVAL

This Spill Prevention, Control, and Countermeasure (SPCC) Plan has been carefully reviewed by the Inland Empire Energy Center, LLC (IEEC) Plant Manager. IEEC concurs and supports the programs and procedures which are to be implemented and periodically reviewed and updated in accordance with Title 40 Code of Federal Regulations (CFR) Part 112 (Oil Pollution Prevention). Management approval has been extended at a level with authority to commit the necessary resources.

Signature:	BUL()
Date:	V6/14 X
Name:	Ben Kling
Title:	Plant Manager

#### 1.2 **PROFESSIONAL ENGINEER CERTIFICATION**

I hereby certify and attest that I am familiar with the information contained in this SPCC Plan and that to the best of my knowledge, such information is true, complete and accurate. Furthermore, being familiar with the provisions of 40 CFR Part 112, my agent has visited and examined this Facility, and I certify that the SPCC Plan has been prepared in accordance with good engineering practices, including consideration of applicable industry standards, and with the requirements of the SPCC Plan and the Plan is adequate for the Facility. It is the duty and responsibility of the owner or operator to fully implement this Plan in accordance with all applicable requirements.

It is noted that certification of this SPCC Plan is no longer valid if changes take place at the Facility that can increase the potential for a discharge of oil to navigable waters of the United States. Additionally, this Plan has been certified with the understanding that all required inspections and training as outlined in the Plan will be implemented. Certification of this Plan will expire if the Facility fails to implement these requirements.

Signature:	The same				
Date of Plan Certification:	November 25, 2013				
Name:	Timothy Simpson, PE				
Professional Engineer (PE) Certification Number:	41121				
State of Certification:	California				
Date of PE Certification:	3/21/15				
The opening in the second seco					

#### 1.3 CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA

1

Facility Name:		Inland Empire Energy Center, LLC
Fa	cility Address:	26226 Antelope Road, Menifee, CA 92585
1.	Does the Facility total oil storage o	transfer oil over water to or from vessels and does the Facility have a apacity greater than or equal to 42,000 gallons? Yes NoX
2.	Does the Facility and does the Fa capacity of the la precipitation with	have a total oil storage capacity greater than or equal to 1 million gallons cility lack secondary containment that is sufficiently large to contain the rgest aboveground oil storage tank plus sufficient freeboard to allow for n any aboveground storage tank (AST) area? Yes NoX
3.	Does the Facility and is the Facility Attachment C-III Facility could can description of fish National Geodetic Wildlife and Ser availability) and th	have a total oil storage capacity greater than or equal to 1 million gallons ty located a distance (as calculated using the appropriate formula in to this appendix or a comparable formula) such that a discharge from the tse injury to fish and wildlife and sensitive environments? For further and wildlife and sensitive environments, see Appendices I, II, and III to Survey's "Guidance for Facility and Vessel Response plans: Fish and sitive Environments" (see Appendix E to this part, section 10, for the applicable Area Contingency Plan. Yes NoX
4.	Does the Facility and is the Facilit Attachment C-III t Facility would shu	have a total oil storage capacity greater than or equal to 1 million gallons y located a distance (as calculated using the appropriate formula in this appendix or a comparable formula) such that a discharge from the down a public drinking water intake? Yes NoX
5	Does the Facility I and has the Facili 10,000 gallons wit	ave a total oil storage capacity greater than or equal to 1 million gallons y experienced a reportable oil spill in an amount greater than or equal to hin the last 5 years? Yes NoX
<u>Cer</u>	tification (Attachn	nent C-II, 40 CFR 112.20e)
l ce info resp	rtify under penalty rmation submitted consible for obtaini	of law that I have personally examined and am familiar with the in this document, and that based on my inquiry of those individuals ng this information, I believe that the submitted information is true,
acci		
Sigr	nature:	5-YXY
Date	»: <u>1/(</u>	114
Nam		SEN Kling
Title	$ = \frac{-2}{2}$	Lawt MANAGER

Name:

Title:

Spill Prevention, Control, and Countermeasure Plan

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# 2.0 INTRODUCTION

The United States Environmental Protection Agency (USEPA) Oil Pollution Prevention Regulation, Title 40, Code of Federal Regulations, Part 112 (40 CFR Part 112), addresses non-oil transportation-related facilities. The main requirement of facilities subject to the regulation is the preparation and implementation of a plan to prevent any discharge of oil into waters of the United States. Such a plan is referred to as a Spill Prevention, Control, and Countermeasure Plan. The Plan follows the sequence specified in the aforementioned regulations.

Under these regulations, oil is defined to mean "oil of any kind or in any form including, but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with waste other than dredged spoil. (40 CFR112.2)"

The regulations apply to non-transportation-related facilities handling or using oil and oil products that, because of their location, could be reasonably expected to discharge oil into a waterway. A facility would be subject to these regulations if it has:

a. total aboveground oil storage capacity in excess of 1,320 gallons for containers (tank, drum, transformer, etc.) with a capacity greater than or equal to 55 gallons; or

b. total underground oil storage capacity in excess of 42,000 gallons *except* for those underground containers that are currently subject to all of the technical requirements of 40 CFR 280.

This Plan has been prepared for Inland Empire Energy Center, LLC (IEEC or Facility). The Facility is required to prepare and implement this Plan because it is subject to the requirements of 40 CFR Part 112 previously described. Specifically, the Facility is a non-transportation Facility that handles and uses oil and oil products in sufficient quantity that a spill would have a reasonable potential to discharge oil into a waterway.

In accordance with 40 CFR Part 112.3(e), a complete copy of this Plan is onsite at all times and maintained at the facility EHS Manager's office (Administration Building). The office is attended from 7.30 A.M. to 4.30 P.M. during weekdays.

# 2.1 KEY FACILITY PERSONNEL

# 2.1.1 Spill Prevention and Preparedness

The Operations Manager is the designated individual who is responsible for spill prevention and preparedness, as described in 40 CFR 112.7 (f)(2). Their primary responsibilities include:

• Keeping this Plan updated as changes occur;
- Confirming current Material Safety Data Sheets (MSDSs) are appropriately obtained and maintained;
- Confirming copies of the Plan are distributed to appropriate personnel at the Facility and authorized emergency response agencies who request it;
- Confirming Facility personnel designated to handle oil and/or hazardous materials, or respond to spills, have been appropriately trained, and coordinating training (Section 6);
- Performing inspections; and
- Confirming the SPCC Plan is reviewed/recertified once every five years.

The Environmental Health and Safety (EHS) Manager is responsible for assessing the site for oil storage locations.

#### 2.1.2 Spill Response and Control

#### Table 1 - IEEC Site On-Scene Coordinators

	Primary	Alternate
Name:	Jason Taylor	Ben Kling
Title:	EHS Manager	Plant Manager
Work:	951-928-5908	951-928-5903
Cell:	310-490-6448	951-326-7818
Fax:	951-928-5939	951-928-5939

The EHS Manager is responsible for spill response coordination following a release. Their primary responsibilities include:

- Evacuation of and controlling access to the spill location as required;
- Notifying the appropriate local, state, and federal agencies of reportable quantity spills;
- Notifying appropriate IEEC officials;
- Serving as the Site On-Scene Coordinator (SOSC) until arrival of appropriate government agency representatives (i.e., local fire department). This includes directing any available initial response team personnel; and,
- Overseeing non-emergency clean-up activities following spill.

Appendix 1 includes a site location map and site plan to aid emergency response personnel with transportation to and within the Facility.

#### 2.2 MATERIAL SAFETY DATA SHEETS

MSDSs are available to personnel during working hours, as required by the Occupational Safety and Health Administration (OSHA) Hazardous Communications (HAZCOM) Program. They contain critical information regarding oils and oil-based substances, including toxicity, reactivity, flammability, personal protective equipment (PPE), health and safety hazards, and emergency medical decontamination and treatment procedures. In addition, many MSDSs include information related to spill containment and cleanup. MSDS are available in Control Room and are also on-line on GE intranet computer system.

#### 3.0 SPILL RESPONSE AND CONTINGENCY PLAN

WARNING: <u>Personnel safety and protection of life and limb take precedence over</u> <u>environmental protection</u>. If there is a threat to personnel safety, the local fire department should be the first official agency notified. Special precautions should be exercised when handling fuels or other materials with low flash points (solvent, thinners, etc.).

TRANSFORMERS: Facility personnel **will not respond** to leaks or spills from transformers due to the electrical safety risks involved. Contact the Operations Manager, who will notify the local emergency authorities.

#### 3.1 INITIAL SPILL RESPONSE PROCEDURES

The initial spill response procedures are as follows:

- Evaluate the incident and/or spill scene. Identify as best as possible the Facility's ability to handle (i.e., control source and clean up release) the incident and spill internally.
- If the incident appears to be a threat to human health, evacuate the area.
- Contact the Operations Manager (Section 2.1.2) and convey the available incident information (i.e., location, substance spilled, estimated volume, status, injuries, etc.). Receive instructions from the Operations Manager regarding further actions.

The Operations Manager is responsible for further evaluation of the spill and to classify the spill as either NON-SIGNIFICANT or SIGNIFICANT. Non-significant spills are sometimes referred to as incidental spills, while significant spills are sometimes referred to as major spills. This evaluation may be performed based on the information provided by the person reporting the spill, or through a firsthand evaluation if needed.

### **NON-SIGNIFICANT SPILL** (Response actions outlined in Section 3.1.1):

- Personnel have knowledge of the spilled substance through normal day to day activities;
- No immediate threat to life, human health, or the environment is believed present; and
- The spill has not flowed into a storm drain, navigable water, or onto adjacent property.

SIGNIFICANT SPILL (Response actions outlined in Section 3.1.2):

- The material released is immediately or potentially threatening to life, human health, or the environment;
- The spill has entered a navigable water, a storm drain, or adjacent property;
- Involved personnel have not been trained in initial response actions for hazardous material releases; or
- Involved personnel do not handle the hazardous material(s) as part of their routine job functions.

#### 3.1.1 Non-significant Spill Response Procedures

Non-significant spills, also referred to as incidental or minor spills, are spills small enough to be handled using personnel and equipment routinely located in the immediate area of the release. The normal course of action following a **NON-SIGNIFICANT SPILL** is for appropriately trained personnel to contain and clean up the spill using available spill response equipment.

# The EHS Manager, or personnel instructed during the Work Environmental Awareness Program (WEAP), will follow these steps when responding to a non-significant spill:

- Immediately contact their supervisor and/or Operations Manager,
- Observe the spill from an upwind location, noting product type and/or appearance, source, volume, status (still leaking or not), and nearby conveyances (i.e., drains). Complete Part 2 of the Spill Incident Report Form (Appendix 3).
- Turn off or extinguish all sources of ignition (pumps, motors, heaters, cigarettes, etc.) when flammable and/or combustible substances are involved.
- Review Facility records (i.e., MSDSs) and manifests as necessary to identify product(s) released, health hazards, and clean up/recovery procedures.
- Stop the source of a spill. If the source cannot be stopped, request additional assistance using information in Table 3.

- If trained to respond, contain the spill using spill response equipment (Appendix 2) or whatever means are readily available such as plastics or other types of barriers used to collect leaks on a temporary basis. Stop or slow the spread of the spill using one or more of the following methods:
  - Build a dike around the spill using absorbent material. Only use absorbent material marked as compatible with the hazard class of the spilled material (check the materials MSDS for guidance).
  - o Contact a supervisor to determine when cleanup and disposal can begin.
- Complete Parts 3 and 4, Spill Incident Report Form. Completed copies of the form will be inserted into the SPCC Plan and maintained on-site for at least 3 years.
- If needed, the Operations Manager will notify the appropriate environmental authorities after the incident and follow up with a written report according to Appendix 10.
- The Operations Manager will notify the IEEC EHS department within 24 hours.

#### 3.1.2 Significant Spill Response Procedures

Significant spills, also referred to as major spills, are spills that **CANNOT** be absorbed or otherwise controlled at the time of release by personnel in the immediate release area. These include spills that pose a significant safety or health hazard, such as fire or explosion, or that may reach a water source. Table 2 identifies reporting requirements for specific spill volume and type scenarios. Table 3 includes the telephone numbers for internal and external personnel who may need to be notified of a significant spill. Unless otherwise directed, the Operations Manager will be responsible for notifications.

Spill Scenario	Agencies to be Notified (See Table 3)
Any quantity of oil that discharged into or upon navigable water (including storm water drains) in an amount that causes a visible film or sheen upon the surface of the water.	Fire, Medical, & Police (911) California Emergency Management Agency (Cal EMA), State Warning Center National Response Center
Spills equal to or greater than 1 barrel (42 gallons) of petroleum.	California Emergency Management Agency
Spills of any quantity that flow off the property.	Fire, Medical, & Police (911) or Riverside County – Certified Unified Program Agency (CUPA)
Non-petroleum Substances (i.e. water treatment chemicals).	Refer to 40 CFR 302 (hazardous substance reportable quantity table) and Title 35 Code of California Regulations Series 1 to identify whether a threshold has been exceeded for reporting to CalEPA and the National Response Center.

Table 2 -	Spill	Scenarios and	Required	Notifications
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### Table 3 - Emergency Telephone Numbers and Contact List

IEEC Staff	Office	24-Hour
Aaron Honor – Operations Manager	951-928-5945	951-315-4893
Jason Taylor – EHS Manager	951-928-5908 310-490-6448	
Outside Agencies	Teler	ohone
Fire, Medical, & Police	911	
California Emergency Management Agency (Cal EMA), State Warning Center	800-852-7550 or 916-845-8911	
Riverside County CUPA	888-722-4234 or 951-358-5245	
National Response Center (NRC) <sup>1</sup>	800-424-8802	
USEPA Region 9 Response Hotline (If NRC is not available)	800-300-2193	
Emergency Response Contractors	Teler	phone
Safety Kleen 888-ER-KLEEN		

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The Operations Manager, or personnel instructed by the Operations Manager, will follow these steps when responding to a significant spill (the sequence of initial response action may be altered depending upon individual spill characteristics [i.e., type of spill, quantity of spill, and/or safety hazards involved]):

- Observe the spill from an upwind location. Document basic spill information (i.e., product type and/or appearance, source, volume, status [still leaking or not], and nearby conveyances [i.e., sewer inlets]) using Part 2 of the Spill Incident Report Form located in Appendix 3. Answers to some questions about the cause of the spill will not be immediately known, but it is important to quickly gather as much information as possible without putting personnel in danger. Product identification number, shipping manifests, and placard information are essential for the identification of the spilled or leaked material. First responders should use DOT's Emergency Response Guidebook to help identify hazardous substances, and for guidance on initial precautionary and containment steps.
- Secure the area from non-essential employees.
- If needed, *initiate evacuation* and notify Facility personnel of the threat. Fire evacuation route maps are posted through the buildings at the Facility.
- Immediately notify the local emergency response agencies by dialing 911.
- *Turn off or extinguish all sources of ignition* (pumps, motors, cigarettes, etc.) when flammable and/or combustible substances are involved.
- Notify state and federal regulatory agencies if the spill is reportable. The Operations Manager and/or local emergency agencies will determine if the spill is a reportable spill, using spill scenarios in Table 2 as a guide. Emergency agency telephone numbers are included in Table 3. The Operations Manager will convey information recorded on Part 2 of the Spill Incident Report Form (as required by 40 CFR 112), and will document notifications for future reference.
- **Stop spill flow when possible without undue risk of personal injury.** Attempt to stop the source of a spill only if sufficiently familiar with the substance and equipment and can provide an effective response without undue risk of personal injury.
- Report to senior management upon their arrival to the scene.

Complete *Parts 2, 3, and 4 of the Spill Incident Report Form (Appendix 3)* to document the release. The report will identify the type of equipment and methods used in spill cleanup, the names of personnel involved, and a description of assistance received from emergency response agencies. Completed copies of the form will be inserted into the SPCC Plan and maintained on-site for at least 3 years.

• The Operations Manager will notify the IEEC EHS department within 24 hours.

#### 3.2 Additional Emergency Action

- In case of fire/explosion, activate the fire alarm system, notify the Control Room, and evacuate the area.
- Do not allow smoking or open flames within the potential area of the spill.
- Do not use equipment with magneto-sparked engines or equipment that produce sparks or static electricity in potential spill risk areas.
- Do not use any material that would cause oil to sink or disperse in water.
- Place chemical soaked sorbent and soil in metal, leak-tight drums, label and dispose of properly and promptly.

For releases originating outside of the Facility, Figure 2 located in Appendix 1 will be consulted to determine the potential flow direction of the spill. Outfalls through which spills could be discharged may need to be monitored. In the event additional personnel and/or services are required, the local fire department or outside contractors may be employed.

#### 3.3 OFF-SITE SPILLS OF OIL

Off-site spills will be reported following the procedure outlined in 3.1 for on-site spills of oil. If the spilled material flows past the property boundary of the Facility or occurs off-site, the Operations Manager shall ensure that information, records, and samples adequate for legal purposes are obtained and safeguarded for future use.

#### 3.4 INTERNAL NOTIFICATION OF SPILL

Facility personnel will be notified of a spill that could pose an immediate threat to their health through the Facility-wide intercom system in accordance with the IEEC Emergency Plan.

#### 3.5 PUBLIC NOTIFICATION OF SPILL

If necessary, IEEC will make appropriate statements to the media concerning an oil spill event through the Regional Public Relations Representative. The extent and nature of the hazard, as well as the steps being taken to safeguard life and property will be explained to prevent or reduce widespread public alarm. Follow-up information will be provided to interested media as it becomes available.

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#### 4.0 POST SPILL ACTIONS

The Operations Manager will submit a completed copy of the *Spill Incident Report Form,* included in Appendix 3, to appropriate local, state, and federal agencies as requested. Cleanup actions will be performed by response contractors according to the requirements of the agency with jurisdiction. Contaminated media and spill response materials shall be properly containerized and analyzed to identify applicable disposal requirements.

#### 4.1 AMENDMENTS

After a spilled substance has been removed and the site remediated, consideration will be given to ways of preventing the reoccurrence of the spill. This may involve one or more of the following:

- 1. Reviewing equipment inspection records;
- 2. Reevaluating procedures for certain operations, (i.e., tank filling, tank inspecting, emergency response); and,
- 3. Investigating options such as:
  - i. Purchasing more spill contingency resources;
  - ii. Installing monitoring/warning devices;
  - iii. Constructing new secondary containment devices; and,
  - iv. Updating storage equipment.

Any changes made related to resources or procedures, which affect the potential for a spill, shall be incorporated into this Plan as an amendment. These changes shall be documented on the Record of Changes, Amendments, and Reviews Form located in Appendix 4.

#### 4.2 STATE FOLLOW-UP

Immediately following a reportable quantity release of oil, Cal EMA shall be notified of the release. A follow-up or written report is not required, unless requested by Cal EMA or other government agency.

#### 4.3 FEDERAL FOLLOW-UP

If a 1,000-gallon single discharge event or two 42-gallon oil discharge event occurs within a 12-month period, the following information is required to be submitted to the Regional Administrator of USEPA Region 9 within 60 days [40 CFR Part 112.4(a)]:

- 1. A detailed description of the Facility;
- 2. The reporter's name;

- 3. Location of the Facility;
- 4. Maximum storage or handling capacity of the Facility and normal daily throughput;
- 5. Corrective action and countermeasures you have taken, including a description of equipment repairs and replacements;
- 6. An adequate description of the Facility, including maps, flow diagrams, and topographical maps, as necessary;
- 7. The cause of such discharge, including a failure analysis of the system or subsystem in which the failure occurred;
- 8. Additional preventive measures you have taken or contemplated to minimize the possibility of recurrence;
- 9. Such other information as the Regional Administrator may reasonably require pertinent to the Plan or discharge; and
- 10. A complete copy of the SPCC Plan.

The above information will be sent to the USEPA at the address below. The shipping envelope/container label will clearly indicate that the package is to be submitted to the USEPA Region 9 official in charge of the SPCC Plan program. A complete copy of all information sent to USEPA will also be simultaneously sent to the Cal EMA, as required by 40 CFR Part 112.4 (c).

USEPA Region 9 Response and Prevention Branch 600 Wilshire Blvd., Suite 1460 Los Angeles, CA 90017

#### California Emergency Management Agency

State Emergency Response Commission (SERC) Attn: Section 304 Reports Hazardous Materials Unit 3650 Schriever Avenue Mather, California 95655

Following the receipt and review of the spill and SPCC Plan information at the state and federal levels, either of these agencies may contact IEEC requiring changes or amendments be made to the Plan.

Oil spills which result in a discharge to a U.S. navigable water may also require the submission of a written report to the USEPA. If the USEPA is notified of a discharge or threatened discharge of oil(s) or hazardous substance(s) into surface waters from the Facility, a "Clean Water Act (CWA) Section 308 Letter - Information Required for Oil Spills" notice may be sent to the Facility. The required information must be submitted within a specific time frame (i.e., 20 calendar days) after receipt of the information request. A written request for an extension to the time limit for responding must be made within five (5) calendar days after receipt of the information request. Due to the level of detail contained in the information request, it is critical that all activities and persons involved in the spill and subsequent response are documented as thoroughly as possible.

#### 5.0 FACILITY DESCRIPTION AND POTENTIAL SPILL LOCATIONS

#### 5.1 FACILITY NAME AND ADDRESS

Inland Empire Energy Center, LLC 26226 Antelope Rd. Menifee, CA 92585

5.2 FACILITY DESCRIPTION

#### **Location**

IEEC is an 800-megawatt (MW) natural gas-fired, combined-cycle electric generating Facility located on approximately 46 acres in Menifee, an unincorporated city within Riverside County. The Facility includes two General Electric (GE) H-System combustion turbine-generators with heat recovery steam generators, one steam turbine generator, associated pollution-control equipment, a switchyard, and other ancillary facilities. The switchyard is connected to the Southern California Edison Valley substation located approximately 1 mile east of the Facility via a 500 kilovolt (kV) transmission line. The Facility is bordered by a 300-foot-wide transmission line easement owned by Southern California Edison that runs along McLaughlin Road to the south, San Jacinto Road to the east, Antelope Road to the west, and the Burlington Northern Santa Fe Railway to the north.

Figure 1 in Appendix 1 shows the location of IEEC.

#### Navigable Waters

The USEPA defines "navigable waters" in 40 CFR 112.2. The term includes wetlands, lakes, bays, rivers, and streams of the United States, as well as storm water conveyances. IEEC is located in the Menifee Valley portion of the San Jacinto River watershed, which encompasses 753 miles. The climate at IEEC is semi-arid with an average rainfall of 12 inches primarily falling between November and April. No permanent surface water sources exist at IEEC or within 1 mile of the Facility. The ephemeral drainage San Jacinto River is approximately 3 miles northwest of the Facility and crosses the Menifee Valley in a northeast to southwest direction. Salt Creek is another ephemeral drainage and traverses the Valley in a generally westward direction and is about 4 miles south of IEEC. The Ethanac wash is the primary drainage area near the Facility and drains along the IEEC southern property boundary at McLaughlin Road and into the San Jacinto River, and eventually into the Pacific Ocean.

#### Purpose and Activities

Principle activities at this Facility consist of energy generation from natural gas combustion. An overview of the Facility is provided on Figure 2 in Appendix 1. The figure identifies operational areas on the site, including oil storage locations and indicates storm water drainage basins.

#### Storm Water Drainage System

The final grade of the Facility is a sloped pitch of 4 percent for a distance of not less than 3 feet away from building foundations, and 1 percent from equipment foundations, per Riverside County Ordinance 457.

The oil/water separator (OWS) located near the cooling towers collects water from the transformer area sump, chemical feed, Unit #2 power train, water treatment area sump, and Unit #1 power train. The OWS has a sampling location in the outflow; however, the outflow does not discharge to the flood channel. The OWS outflow goes first to the water cooling tower for the associated unit, then proceeds to nonreclaimable waste water tank, and then to the Publicly Owned Treatment Works (POTW), Eastern Municipal Water District. The OWS has not been included in this plan because it does not discharge as storm water to the drainage flood control channel and it is connected to a municipal sewer drainage system and it is not used to store oil.

Catch basins (storm drains) are located throughout the Facility and are 2 feet by 3 feet and covered by a grate and frame. Storm water flows from the catch basins to vegetated swales and then to the East and West Storm Water Retention Basins (ponds) to infiltrate and evaporate. The Facility has received a Notice of Termination (NOT) of coverage under the California's Industrial Activities Storm Water General Permit (CAS000001) from Santa Ana Regional Water Quality Control Board (Water Board). Subsequently, IEEC has expanded on-site retention capacity (100-year, 24-hr flood event) of both ponds. Based on these changes, IEEC submitted a Notice of Non-Applicability on March 5, 2009 to Water Board.

The majority of the Facility is covered with gravel, with the exception of the perimeter of the Unit #1 and #2 area, which is concrete, and the road in between the units is asphalt. Access roads to the storage equipment are asphalt.

#### 5.3 GENERAL SECURITY

IEEC is a secured, fully fenced power plant and visitors must have a pass and be escorted while on the property and be checked in accordance with the Contractor and Visitor Control

Program, operating procedure IEEC-OP-8.1, Site Security Plan. A security video recorder will be on all the time, and the Facility Manager will approve all activity if recorder is disabled. This level of security ensures only authorized personnel may access oil storage areas. Additionally, the plant is operated 24 hours a day, 7 days a week, and the containers are located in areas frequented by employees and/or security on a regular basis. Containers are secondarily contained, and access points for the bulk fuel tanks are controlled by lock and key. Lighting is motion sensitive and sufficient at all potential spill locations to identify unauthorized entrants, vandalism, spills, or activities that may create the potential for a spill. Pumps are not easily accessible due to fencing that provides limited access, and starter controls are located in the control room.

#### 5.4 POTENTIAL SPCC SPILL SOURCES

The Facility has several locations with potential sources of oil spills. The following narrative describes potential oil spill sources and the volume of secondary containment for each oil storage site.

#### 5.4.1 Diesel Fuel Aboveground Storage Tanks

Type of oil storage

- ✓ Diesel emergency generator tank #1 (3,500 gallons)
- ✓ Diesel emergency generator tank #2 (3,500 gallons)
- ✓ Diesel firewater pump tank (360 gallons)
- ✓ Diesel tank (440 gallons)

Secondary Containment Double-walled steel Double-walled steel Double-walled steel Double-walled steel

Diesel Emergency Generator tank #1 is located on the west edge of the Unit #1 complex, south of the Unit #1 Heat Recovery Steam Generator (HRSG) stack. Tank #2 is located on the west edge of the Unit #2 complex south of the Unit #2 HRSG stack. The firewater pump AST is located approximately 50 feet east of the internal fence, in between the fire water storage tank and the demin water tank. One 440-gallon double-walled diesel tank is located in HazMat Storage area (northeast corner of the Facility). Tanks are steel, rectangular in shape and oriented horizontally along a north-south axis.

All of the aforementioned tanks are aboveground and spills may occur due to drips and leaks from fuel transfer operations. These ASTs have leak detectors and alarms. There is an audible local alarm and an alarm indicator panel light in the adjacent buildings. The alarm is also relayed to the control room. There is also potential for a leak to occur during tank truck loading/unloading activities. A puncture or complete failure of the tank is unlikely; however it would result in a gradual to instantaneous release of oil. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents. The nearest storm drains, toward which a spill would flow, are located southwest of the tanks, approximately 75 feet. Spills

would be contained and/or removed by appropriately trained personnel using available spill response equipment.

#### 5.4.2 Drain Aboveground Storage Tanks

- ✓ Unit #1 fuel gas drain tank (500 gallons)
- ✓ Unit #2 fuel gas drain tank (500 gallons)
- ✓ "A" gas compressor drain tank (500 gallons)
- ✓ "B" gas compressor drain tank (500 gallons)

Secondary Containment Concrete (648 gallons) Concrete (648 gallons) Concrete (648 gallons) Concrete (648 gallons)

The Unit #1 drain tank is located next to the fuel gas heater and scrubber skid, north of Unit #1. The Unit #2 drain tank is located north of the fuel gas moisturizer in the gas conditioning area of Unit #2. The A & B compressor drain tanks are located east of the fuel gas compressors, and the A tank is north of the B tank. The 1,000-gallon reception drain tank is located in the southeast corner of the Facility, east of the natural gas metering area.

The 1,000-gallon reception drain tank is surrounded by concrete secondary containment sufficient to contain the capacity of the tank plus freeboard space for precipitation. The remaining four 500-gallon drain tanks are also surrounded by concrete secondary containment systems designed to contain 110% of the capacity of the tank, however, these systems currently do not contain enough freeboard space for the entire volume of precipitation of a 10-year, 24 hour storm event. In the unlikely event of complete tank failure and accumulation of precipitation in excess of the freeboard space available, spill response personnel will respond to the scene.

Transfer piping between all drain tanks and equipment is located away from drive paths warranting signs. Each of the tanks described above is constructed of steel.

Spills from these tanks may occur due to drips and leaks tank system or during fuel transfer operations. A puncture or complete failure of the tank or pipe failure is unlikely; however it would result in a gradual to instantaneous release of oil that would normally be contained within the secondary containment system. Spills outside the containment system would flow towards the west and east storm water retention basins. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents. Spills would be contained and/or removed by appropriately trained personnel using available spill response equipment located inside the boiler room.

#### 5.4.3 Lube Oil Aboveground Storage Tanks

#### Type of oil storage

- ✓ Unit #1 lube oil skid (15,478 gallons)
- ✓ Unit #1 lube oil HPU skid (400 gallons)
- ✓ Unit #2 lube oil skid (15,478 gallons)
- ✓ Unit #2 lube oil HPU skid (400 gallons)

Secondary Containment Concrete (17,477 gallons) Same as Unit #1 lube oil skid Concrete (17,477 gallons) Same as Unit #2 lube oil skid

The Unit #1 lube oil and Hydraulic Power Unit (HPU) skids are located adjacent to each other, north of the Unit #1 gas turbine and approximately 50 feet east of the Unit #1 HRSG. The Unit #2 lube oil and HPU skids are located north of the Unit #2 gas turbine and east of the Unit #2 HRSG. These tanks are surrounded by concrete secondary containment systems designed to contain the capacity of the largest single tank plus sufficient freeboard for precipitation. Transfer piping between tanks and the buildings is not located in drive paths warranting warning signs. Transfers to or from the tanks may occur during routine maintenance; additional storage is managed off-site at a contractor Facility.

Spills from these tanks may occur due to drips and leaks from the tank system and associate piping and valves due to fuel transfer operations. A puncture or complete failure of the tank or pipe failure is unlikely; however it would result in a gradual to instantaneous release of oil that would normally be contained within the secondary containment systems. Spills outside the containment systems would flow towards the west and east storm water retention basins. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents.

#### 5.4.4**Oil-Filled Operational Equipment: Transformers**

#### Type of oil storage ✓ Unit #1 Excitation (731 gallons) ✓ Unit #1 Step-Up (40,184 gallons) ✓ Unit #1 AUX (9,068 gallons) ✓ Unit #1 AUX Substation A Bus (371 gallons) ✓ Unit #1 AUX Substation B Bus (371 gallons) ✓ Unit #1 AUX Substation ESS Bus (371 gallons) ✓ Unit #1 AUX Cooling Tower A Bus (371 gallons) ✓ Unit #1 AUX Cooling Tower B Bus (371 gallons) ✓ Unit #1 LCI (2,059 gallons) ✓ Unit #2 Excitation (731 gallons) ✓ Unit #2 AUX (9,068 gallons) ✓ Unit #2 Step-Up (34,946 gallons) ✓ Unit #2 AUX substation A Bus (371 gallons) ✓ Unit #2 AUX substation B Bus (371 gallons) ✓ Unit #2 AUX substation ESS Bus (371 gallons) ✓ Unit #2 AUX Cooling Tower A Bus (371 gallons) Unit #2 AUX Cooling Tower B Bus (371 gallons) ✓ Water treatment substation A Bus (371 gallons) ✓ Water treatment substation B Bus (371 gallons)

Secondary Containment Concrete (13,636 gallons) Concrete (48,160 gallons) Concrete (27,820 gallons) Concrete (5,824 gallons) Concrete (14,407 gallons) Concrete (13,363 gallons) Concrete (27,820 gallons) Concrete (48,160 gallons) Concrete (5,824 gallons) Concrete (9,190 gallons) Concrete (9,190 gallons)

Spill Prevention, Control, and Countermeasure Plan

The Unit #1 Load Commutated Inverter (LCI), step-up, excitation, and auxiliary (AUX) transformers are on the east end of the Unit #1 area, west of the transmissions lines. The Unit #1 cooling tower transformers (A, B) are located approximately 50 feet north of the cooling towers, in between the circulating water pumps and the wastewater sump pumps. The Unit #1 AUX substations (A, B, electrical substation [ESS]) are located on the southwest corner of the Unit #1 area, north of the AUX boiler. The Unit #2 step-up, excitation, and AUX transformers are located on the east end of the Unit #2 area, west of the transmission lines. The Unit #2 cooling tower transformers (A, B) are located west of the circulating water pumps and north of the cooling tower transformers (A, B) are located west of the circulating water pumps and north of the cooling towers. The Unit #2 AUX substations (A, B, ESS) are located on the southwest corner of the Unit #2 area, north of the ammonia storage tanks. These transformers are surrounded by concrete containment systems designed to contain the capacity of the largest single transformer plus sufficient freeboard for precipitation.

When necessary, transformer mineral oil will be replaced by an outside vendor/contractor, in small quantities. The transformers are only completely filled once during the Facility's lifespan. Spills from these transformers and substations are unlikely, but may occur due to drips and leaks from the system and associated piping and valves, or during routine maintenance. A puncture or complete failure of the electrical equipment is unlikely; however it would result in a gradual to instantaneous release of oil that would normally be contained within the secondary containment system. Spills outside of the containment system would flow towards storm water retention basins. Any rupture in the Unit #1 & #2 step-up, excitation and AUX transformers, or the Unit #1 cooler tower transformers would flow towards the east storm water basin. Ruptures to the Unit #1 & #2 AUX substations (A, B, ESS) and Unit #2 cooler tower transformers would flow towards the west storm water basin. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents.

Facility personnel will not respond to leaks or spills from transformers due to the electrical safety risks involved. Contact the Operations Manager, who will notify the local emergency authorities.

#### 5.4.5 Oil-Filled Operational Equipment: Pumps

Type of oil storage

✓ 2 x Unit #1 Boiler Hydraulic Pumps (150 gallons total)

✓ 2 x Unit #2 Boiler Hydraulic Pumps (150 gallons total)

Secondary Containment Concrete (1,226 gallons) Concrete (1,226 gallons)

The Unit #1 pumps are located approximately 100 feet east of the Unit #1 diesel fuel AST and the Unit #2 pumps are located approximately 100 feet east of the Unit #2 diesel fuel AST.

Spills from the reservoir may occur due to drips and leaks from the reservoir system but would not be expected to leave the secondary containment system. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents. Spills would be contained and/or removed by appropriately trained personnel using available spill response equipment.

Secondary containment provides sufficient volume for the pump oil and freeboard for precipitation.

#### 5.4.6 Used Oil Aboveground Storage Tank

Type of oil storage ✓ Used Oil (220 gallons total) Secondary Containment Double-walled steel

The used oil AST is located in the HazMat Storage Area of the Facility and is used for temporary storage before disposal. Spills may occur due to drips and leaks from the AST. A puncture or complete failure of the tank or pipe failure is unlikely; however it would result in a gradual to instantaneous release of oil that would normally be contained within the secondary containment systems. Spills outside the containment systems would flow towards the west and towards the east storm water retention basin. The most probable spill is anticipated to be less than 1 gallon, resulting from minor incidents.

#### 5.5 FACILITY STORAGE AND COMPATIBILITY

Each container utilized for bulk fluid storage is constructed of materials compatible for the liquids they contain. No oil storage or transfer pipes are buried. Oil piping located in areas accessible to vehicle traffic have adequate spill containment systems in place. Figure 2 in Appendix 1 shows approximate locations of oil storage areas.

Product transfer areas do not meet the definition of a loading/unloading "Rack," since no hard piped systems or top-loading systems are used during the transfers.

#### 5.6 GENERAL SPILL PREVENTION MEASURES

IEEC has taken the following measures to reduce the potential for environmental contamination from its activities:

- Use of double-walled tanks for oil products stored aboveground and outdoors.
- Use of concrete bermed secondary containment for all non double-walled aboveground storage tanks.
- Implementation of spill contingency plans that include the necessary manpower, equipment, and materials to expeditiously control and remove any harmful quantity of oil discharged.

In addition, the tanks and oil-filled equipment are maintained by Operations Staff, who perform and document daily routine inspections.

The two diesel emergency generator tanks (3,500 gallons) have leak detection and alarms that create an audible local alarm and alarm indicator panel light in the generator building. The alarm is also relayed to the plant Control Room.

#### 6.0 TRAINING, INSPECTIONS, AND RECORDKEEPING

This section provides information for required training, inspections, and recordkeeping.

#### 6.1 TRAINING

Specific training requirements included in 40 CFR 112.7(f) related to oil releases are described below.

Facility personnel must be properly instructed in the operation and maintenance of containers and/or equipment to prevent the discharges of oil to the environment. The Operations Manager is responsible for coordination of the following personnel training:

- Operations and Maintenance Staff spill prevention and response training, and briefings at least once a year; and,
- Shift Supervisors spill prevention briefings at least annually (since personnel could be subject to evacuation notices) to assure understanding of the plan.

Spill prevention training for all oil-handling personnel shall be conducted <u>annually</u> and will address:

- The laws and regulations regarding spills, releases, and pollution control.
- The contents of the SPCC Plan.

- The operation and maintenance of equipment to prevent discharges.
- The inspection procedures.

The level of detail for employee training will depend on the person's level of responsibility for spill control. Operations personnel with the day-to-day responsibility for spill prevention and response will be given additional training. This may include "dry-run" exercises to ensure that they thoroughly understand spill prevention and response.

The training may be conducted as part of the ongoing facility emergency training and education program. Spill response training falls under Emergency Response and HAZMAT Training. Documentation for this training is maintained in the IEEC training records. The **Spill Plan Training Form**, included in Appendix 5, may be used to record personnel trained, units assigned, and date of training for the annual spill prevention training, and periodic briefings. Training documentation may also be kept electronically on Training Tracker, but a hardcopy print-out should be kept with the SPCC Plan in case of a regulatory inspection.

#### 6.2 INSPECTIONS

An effective inspection and maintenance program is critical to preventing environmental incidents. Therefore, the main objectives of such a program should be to uncover conditions that could cause breakdowns or failures that affect the environment and to have a system to adjust, repair, or replace equipment as necessary.

#### **Oil Sources**

**Periodic** (recommend **monthly**) inspections on all aboveground bulk storage oil tanks, used/waste oil storage tanks, oil transfer areas, piping, containers greater than or equal to 55 gallons, and oil-filled equipment are conducted by appropriate Maintenance or EHS personnel. The inspections include evaluation of housekeeping, vehicle access, protection, foundation, lighting, ventilation, drainage, paint condition, identification, fill connection, "no smoking" communications, and other items that may be appropriate for individual tanks, including items specific to flammable products. The routine inspections focus specifically on detecting any change in conditions or signs of product leakage from the tank, piping system, and appurtenances. If signs of leakage or deterioration from the tank are observed by facility personnel, the tank is to be inspected by a certified tank inspector to assess its suitability for continued service.

In addition to these recorded inspections, undocumented inspections are performed periodically in or near work areas through the natural course of performing normal duties at the

Facility. If a deficiency is noted, it will either be described on the appropriate line or written up and attached to the form.

Operations Staff complete walk-through of the Facility each day. This daily visual inspection involves: (1) looking for tank/piping damage or leakage, stained or discolored soils, or excessive accumulation of water in bermed areas; (2) observing the effluent from the oil/water separator; and (3) verifying that drain control system valves are securely closed. This approach provides environmental protection equivalent to the non-destructive shell evaluation component of integrity testing required under 40 CFR 112.8(c)(6) since it provides an appropriate and effective means of assessing the condition of the tank and its suitability for continued service.

Written records of the inspections are outlined in Section 6.4 and documented through forms located in Appendix 2 (spill response equipment) and Appendix 6 (oil storage). Records of inspections are maintained in the EHS File Room or in the EHS Department's electronic files for at least 3 years.

#### 6.2.1 Oil Storage Facility Inspections

The *Oil Storage Container Inspection Form (Form 1)* included in Appendix 6, is used to document **annual (at least) visual inspections** of all oil storage locations. In addition to the SPCC-required inspections, Operations Staff inspects tanks on a daily basis. Aboveground containers undergoing repair, alteration, or change in service that might affect the risk of a discharge or failure due to brittle fracture or other catastrophe, will be evaluated at the time servicing is performed. General oil storage locations have been identified on Figure 2 in Appendix 1.

Inspections of transformer and substations include visual inspections by Operations Staff once per shift, and visual inspections if low pressure alarm is received in the control room. Transformer oil will be periodically sampled for dissolved gases at regular intervals, and when necessary, oil will be replaced by the vendor. The Unit #1 and #2 step-up transformers will have online continuous analyzers for dissolved gases.

#### 6.2.2 Integrity Testing

As stated in 40 CFR 112.8(c)(6), aboveground containers must be inspected and tested in accordance with industry standards on a regular schedule or whenever material repairs are made. Details regarding the integrity testing are summarized in the following standards:

 Steel Tank Institute's (STI) SP-001, Standard for the Inspection of Aboveground Storage Tanks, 5<sup>th</sup> Edition, September 2011.  API Standard 653: <u>Tank Inspection, Repair, Alteration, and Reconstruction</u>. 4<sup>th</sup> Edition, April 2009.

The SPCC requirements stipulate that integrity testing of tanks, supports, foundations, and containment units should be performed periodically taking into account tank design and using such techniques as hydrostatic testing, ultrasonic testing, visual inspection, or a system of non-destructive shell thickness testing.

For oil drums and portable containers, external inspection and replacement of containers are conducted according to the schedule based on applicable industry standards, as shown below:

Inspection/Test	Standard	Method	Frequency
Routine external inspection (Appendix A-Form 1)	Professional Engineer Recommendation	Visual	Monthly
Replace, discontinue use or have portable containers (drums and totes) <u>without</u> <u>containment</u> DOT tested and recertified as per the following schedule: Plastic Portable Containers – every 7 years Steel Portable Containers – every 12 years Stainless Steel Portable Container – every 17 yrs	STI-SP001	Test or Replace	As per type of container (only applies to containers without containment)

Table 4 - Dri	um and Portable	Container Insi	pection and To	estina
IUNIC T DI			Jova off allor is	Sound

The above inspection and testing schedule is based upon generally applicable industry standards such as the Steel Tank Institute's SP001 (July 2006).

USEPA provided updated guidance that integrity testing is not required for select tanks if equivalent environmental protection is provided, as presented in Chapter 7.3.3 and 7.3.4 of U.S. EPA's SPCC Guidance Document.

• For Shop-Built Tanks Less than 30,000 Gallons— IEEC is deviating from the integrity testing provision of 112.8(c)(6) for shop-built tanks less than 30,000 gallons based on good engineering practice after considering the tank installations and alternative measures implemented by the facility. All oil storage containers less than 30,000 gallons are either: (1) elevated so that all sides are able to be visually inspected, or (2) located over a concrete floor, so that there is a barrier (e.g., concrete floor/pad) between the tank and the soil. Double-walled tanks have an interstitial monitoring system to allow detection of a release prior to release on the impermeable barrier. The personnel performing these inspections are knowledgeable of storage Facility operations, characteristics of the liquid stored, the type of aboveground storage tank and its associated components. Facility personnel perform periodic inspections (monthly and annual), as described in Section 6.2.1 of the Plan and in accordance with the provisions and the checklists presented in the appendices. The scope of inspections and procedures is covered in the training provided to employees involved

in handling oil at the Facility. The routine inspections focus specifically on detecting any change in conditions or evidence of product leakage from the tank, piping system, and appurtenances. The tank's physical configuration, combined with monthly and annual inspections, ensures that any small leak that could develop in the tank shell will be detected before it can become significant, escape secondary containment, and reach the environment.

For Shop-Built Tanks Larger than 30,000 Gallons - Integrity testing must occur at . periodic intervals and whenever material repairs occur for shop-built tanks larger than 30,000 gallons and appurtenances. This is in addition to the visual inspections. The Unit #1 and Unit #2 Step-up Transformer are greater than 30,000 gallons at the IEEC facility. They are elevated so that all sides are able to be visually inspected, have secondary containment and are continually monitored for level. The personnel performing these inspections are knowledgeable of storage Facility operations, characteristics of the liquid stored, the type of aboveground storage tank and its associated components. Facility personnel perform periodic inspections (monthly and annual), as described in Section 6.2.1 of the Plan and in accordance with the provisions and the checklists presented in the appendices. The scope of inspections and procedures is covered in the training provided to employees involved in handling oil at the Facility. The routine inspections focus specifically on detecting any change in conditions or evidence of product leakage from the tank, piping system, and appurtenances. The tank's physical configuration, combined with monthly and annual inspections, ensures that any small leak that could develop in the tank shell will be detected before it can become significant, escape secondary containment, and reach the environment.

#### 6.2.3 Inspection of Secondary Containment Systems

The double-walled secondary containment system associated with the emergency power generator fuel tanks and firewater pump fuel tank have been constructed to contain the volume of the primary tank. Since the system is closed, sufficient freeboard to allow for precipitation is not necessary. The containment system has been constructed of materials compatible with the substances the systems were designed to contain.

The containment system is inspected simultaneously with the bulk storage system to ensure it has not degraded or been damaged in a manner that would prevent the containment of a spill. The *Oil Container Inspection Form (Form 1)*, included in Appendix 6, is used to document the condition of the containment system.

Per 40 CFR 112.8(c)(3), storm water that has accumulated in secondary containment will be inspected and records will be maintained. The accumulated storm water should be inspected for signs of color, foam, solids, sheen, and odor. If these characteristics are evident, then sorbent materials or other removal techniques should be used. If necessary, the impacted storm water should be pumped out by a contractor for disposal. If the storm water does not exhibit any sign of these contaminants, then it can be released from containment to Facility retention basins. Form 2 is provided in **Appendix 6** to record the release.

#### 6.2.4 Fuel Transfer Inspection

Transfers of diesel fuel to the emergency power generator tanks are performed in the presence of an IEEC employee, along with an employee of the delivery company. Procedures for general chemical deliveries are followed when diesel fuel is delivered, as detailed in the IEEC Emergency Plan. Visual monitoring of the receiving container (volume gauge) is performed to identify when to discontinue the transfer to prevent overfilling. No hard pipes are involved in transfers (i.e., no "Rack"), and no oil transfer or storage piping is located underground. The *Oil Transfer Container Inspection Form (Form 3)* is used to document these inspections.

Along with the delivery driver, there shall be at least two IEEC operators involved with the transfer: one operator will remain at the fill location with the delivery Driver during the entire off loading evolution, and one operator in the Control Room. IEEC personnel will have been trained on bulk diesel handling procedures and the use of proper PPE. Fuel transfer activities will occur infrequently.

The outside operator will monitor the bulk delivery operations and respond as deemed appropriate. If there is a spill, the attendant will use absorbent pads and socks to contain the diesel fuel. EHS will be contacted for direction.

#### 6.3 RECORDKEEPING

Records generated with this Plan must be maintained for a minimum of <u>3 years</u>. IEEC maintains completed copies of the following documenting spills and related emergency response actions are maintained on-site in the Operations Manager's office. The following forms should be maintained for documentation of SPCC implementation:

- Spills, and related emergency response/cleanup actions;
- Local, state, or federal agency spill notifications;
- Inspection forms; and,
- Employee Education and Training forms.

#### 6.4 REQUIRED DOCUMENTATION

Blank forms to perform the documentation required to maintain the plan have been included in Appendices 2-6. Locally generated forms may be used as long as they contain the same information. Plan certifications have been executed in Section 1.0.

#### 7.0 ENVIRONMENTAL GUIDANCE FOR PLAN

#### 7.1 GENERAL APPLICABILITY AND PURPOSE

This Plan fulfills the requirements for a SPCC Plan as required by the USEPA Regulation Title 40, Code of Federal Regulations, Part 112 (40 CFR 112), and describes spill detection, reporting, containment, cleanup and disposal procedures.

#### 7.2 REGULATORY REQUIREMENTS AND APPLICABILITY

This Plan has been prepared and implemented in accordance with 40 CFR 112, Oil Pollution Prevention, and Title 47 California Code of State Rules, Series 58 (47 CRS 58). This Plan also incorporates oil spill reporting requirements in accordance with 40 CFR 110. The procedures described in Section 3 are consistent and comply with SPCC Plan requirements. The SPCC Plan component of this Plan shall be implemented when oil is accidentally (i.e., unpermitted) released to the environment, including indoor spills having the potential to impact the environment. A copy of this Plan is located in the Control Room, EHS Manager's office and IEEC server, and is available for review by the USEPA and the CUPA during normal business hours.

The SPCC Plan portion of this Plan has been prepared and certified for this Facility because the following conditions exist [40 CFR 112.1(d)]:

- There is a reasonable potential for discharging oil from fixed facilities into waters of the United States, or storm water conveyances.
- The oil storage capacity on-site in containers with capacities equal to or greater than 55 gallons exceeds 1,320 gallons of total aboveground storage.
- Outside Material Storage or Disposal Areas.
- Outdoor Storage Tanks or transfer lines.

The Facility is not required to prepare a Facility Response Plan (FRP) because it does not meet any of the FRP preparation thresholds as identified in 40 CFR 112.20. The Facility does not have pipelines, partially buried tanks, steel underground storage tanks or transfer piping, and therefore is not required to cap and blank flange out of service pipelines, or maintain cathodic protection or wrapping for buried materials. No piping associated with oil at the Facility is in a location that could be damaged by large vehicles, so warning signs related to aboveground piping have not been installed.

This Plan has been prepared in accordance with 40 CFR 112 (2003) as amended through August 2013.

#### 7.3 REVIEW AND AMENDMENT OF THE PLAN

#### 7.3.1 Periodic Review and Evaluation

The Operations Manager is responsible for:

- Conducting a review of the SPCC Plan at least once every 5 years [40 CFR 112.5(b)];
- Updating the SPCC Plan whenever there is a change in Facility design, construction, operation, or maintenance that affects the Facility's potential for the discharge of oil or hazardous substances into or upon navigable waters or adjoining shorelines [40 CFR 112.5(a)]; and,
- Monitoring any corrective actions related to the SPCC Plan.

The Plan will be amended if it is determined that:

- 1. Equipment or procedure changes are recommended by the above periodic review process;
- 2. More effective, field-proven prevention and control technology becomes available at the time of above review [40 CFR 112.5(b)]; or
- 3. The USEPA, CalEPA or CUPA requires revisions.

The Plan amendment must be implemented as soon as possible, but not later than 6 months following preparation of any amendment, unless an extension [40 CFR 112.3(f)] has been requested and granted.

Review of the Plan and any resulting amendments or changes shall be documented on the *Record of Changes, Amendments and Review* form in Appendix 4.

#### 7.3.2 USEPA Regional Administrative Review

This Plan will be reviewed by an USEPA Regional Administrator if the Facility discharges oil into or upon navigable waters of the United States or adjoining shorelines, or as otherwise described in 40 CFR 112.1(b), in excess of the following quantities:

- 1,000 U.S. gallons in a single spill event; or
- 42 U.S. gallons in each of two spill events within any 12-month period.

The administrator may require an amendment to bring the Plan into compliance with the regulations and to prevent and contain discharges of oil from the Facility. Plan amendments will be documented using the *Record of Changes, Amendments and Review* form in Appendix 4.

#### 7.4 CERTIFICATION OF PLAN AND AMENDMENTS

A professional engineer (PE) must certify the Plan and Plan Amendments [40 CFR 112.5(c)]. Non-technical amendments, such as administrative type revisions and deletions to the Plan, which do not materially affect the Facility's potential for a discharge of oil, do not require PE certification.

#### 7.5 CIVIL PENALTIES

Owners or operators of facilities subject to 40 CFR 112.3 (a), (b) or (c) who violate the requirements of this part 112 by failing or refusing to comply with any of the provisions of 112.3, 112.4 or 112.5 are liable for a civil penalty for each day such violation continues.

#### 7.6 SPILL HISTORY

The spill history for this Facility is no longer required by 40 CFR 112. However, the Facility has not experienced spill events as defined by 40 CFR 110 (oil discharged in harmful quantities to navigable waters of the United States). Future spill events will be appropriately documented and records maintained for legal purposes, and/or spill amounts greater than 42 gallons. A spill log was established prior to the implementation of the SPCC Plan; it can be obtained by contacting the Operations Manager.

#### 7.7 SPCC PLAN SUBMISSION TO LOCAL CUPA

The SPCC Plan must be submitted to the local CUPA for review specifically to current hazardous materials inspector for the City of Menifee, CA. The CUPA is Riverside County Department of Environmental Health, Hazardous Materials Management Division, Hemet Office, 800 S. Sanderson Ave., Hemet, CA 92545.



GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

July 23, 2018

Ref. No. GE/IEEC – 1040

Mr. Dennis Martz Source Control Manager Eastern Municipal Water District 2270 Trumble Road Perris, CA 92570-8300

#### Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Permit #1036 Attachment C & E and Emergency Contact list

Dear Mr. Martz,

Please find attached IEEC's fully executed Attachment C, Cooling Tower Chemicals Pollutant Semi-Annual Certification and its Attachment E, FWMP Update along with our updated emergency contact list.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo

Director, Asset Management

Enclosure

cc: Jason Taylor - GE

Permit No. D1036-3 Inland Empire Energy Center May 14, 2018

#### ATTACHMENT C

#### Cooling Tower Chemicals Priority Pollutant Semi-Annual Certification

In lieu of monitoring, the Permittee shall submit a semi-annual certification statement certifying that the cooling tower chemicals contain no detectable amount of the Priority Pollutants listed in 40 CFR 423 Appendix A. For a list of 126 Priority Pollutants (See attachment A).

Based on my inquiry of the person or persons directly responsible for managing compliance with the Pretreatment Standard for 40 CFR 423.17(a)(4), I certify that, to the best of my knowledge and belief, that the Inland Empire Energy Center, 26226 Antelope Rd Menifee, CA 92582 does not use any chemicals, added for cooling tower maintenance, which contains any of the 126 Priority Pollutants from 40 CFR 423 appendix A, and therefore are not detectable in the final discharge by the analytical methods in 40 CFR part 136.

Name (Print	ted or Typed):	FRANCISCO	ESCOBEDO	<sup>2</sup>
Title: DI	RECTOR	ASSET	MANAGEMENT	
Signature.	rancisco	Ecoledo	Date: 7.16.2018	

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Prin	nted or Typed):	FRANCISC	o escobedo	
Title: D	RECTOR,	ASSET	MANAGEMENT	
Signature:	Francisco	Erechedo	Date: 7.16.2018	

Permit No. D1036-3 Inland Empire Energy Center May 14, 2018

#### ATTACHMENT E

#### **FWMP UPDATE (Includes SDPCP)**

The Facility Waste Management Plan (FWMP) shall be updated whenever changes occur in any of the addressed areas; *chemicals* are added or replaced; processes or plumbing are rerouted or changed; pretreatment facilities are modified or replaced; operations and/or maintenance procedures are modified; or personnel listed in the plan are replaced, changed, or removed.

The FWMP shall be reviewed by the Permittee at least annually by July 31 of each year, unless otherwise specified, and either:

- a. Updated and resubmitted, or
- b. A written certification submitted stating that no change in the FWMP has occurred.

## The FWMP on file with the Control Authorities is current and being followed as of this date.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Printed or Typed): FRANCISCO	ESCOBEDO
Title: DIRECTOR, ASSET	MANAGEMENT
Signature francisco Ercabedo	Date: 7.18.18

#### Inland Empire Energy Center, LLC Emergency Contact Information Updated July 1, 2018

### EMERGENCY CONTACT LIST

Name	Position	Phone
Control Room 1	Control Room Operator	951-928-5940
Control Room 2	Control Room Operator	951-928-5942
Shift Supervisor	Shift Supervisor	951-928-5935



GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

September 11, 2018

Ref. No. GE/IEEC - 1047

Ms. Maria Allen South Coast Air Quality Management District 21865 Copley Drive, 4<sup>th</sup> floor Diamond Bar, CA 91765-4182

SUBJECT: Inland Empire Energy Center Facility ID 129816 Form -500 N, Title V - Deviations, Emergencies & Breakdowns

Dear Ms. Allen:

Please find the enclosed Form 500-N for the event which occurred on September 10, 2018.

If you have any questions or need further information. Please contact me at (951) 928-5941 or by e-mail.

Sincerely,

iancisco

Francisco Escobedo Director, Asset Management

Enclosure

cc: Jason Taylor – GE File

AQMD South Coast A Form 50 Title V - "This written re calling AQMD :	ir Quality Management District D-N Deviations, Emergen eport is <u>in addition to</u> requirements to at 1-800-288-7664 (1-800-CUT-SMOG	ncies & Breakdowns verbally report certain types of incidents. Verbal r ) or AQMD enforcement personnel.	eports may be made by	Mail SCAC P.O. Box 4 Diamond Bar, CA 91765-0 Tel: (909) 396-3 www.aomd
Section   - Operator	nformation			
1. Facility Name (Business I	Name of Operator That Appears On Pe	rmit): 2. Valid	AQMD Facility ID (Availabl	e On Permit Or Invoice Issued I
Inland Empire Er	nergy Center	AQME	):	129816
	26226 Antelone Road			
(where incident occurred)	20220 Aintelope Rodu	Street Address		
	Menifee		CA	92585
	<u>.</u>	City	State	Zip
. Mailing Address: (if different from Item 3)	·	Street Address		
۔ . Provide the name, title, a	nd phone number of the person to c	City ontact for further information:	State	Zip
Ja	ason Taylor	EHS Manager	(310)	490-6448
	Name	Title		Phone #
ection II - Reporting	of Breakdowns, Deviations, a	and Emergencies		
This written notification is	s to report a(n):			
Type of Incident		Verbal Report Due*	Written Report Due	
a. 🔲 Emergency under	Rule 3002(g)	Within 1 hour of discovery	Within 2 working days fro exceeded.	om when the emission limit was
b. ☑ Breakdown under: □ Rule 430 (Nor ☑ Rule 2004 (RE □ Rule 218 (Nor [See Rule 218	I-RECLAIM) ICLAIM) I-RECLAIM) (1)(3)]	For Rules 430 & 2004 - Within 1 hour of discovery. For Rule 218 – Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rules 430 & 2004 - V breakdown is corrected, I start of the breakdown, u granted. For Rule 218 - With requi	Vithin 7 calendar days after but no later than 30 days from nless a written extension is ired semi-annual reports.
c. Deviation with exce [See Title V Permit	ess emissions , Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discove	ery of the deviation.
d. D Other Deviation [See Title V Permit]	Section K, Condition Nos. 22D & 23]	None	With required semi-annua	al monitoring reports.
The incident was first disc	overed by: <u>Dennis Shanaha</u>	anon Name	09/10/2018 Date	07:00 O AM Time O PM
<ul><li>a. <ul><li>Via Phone</li></ul></li></ul>	Name o	on on	Date	O AM Time ③ PM
<ul> <li>b. O In Person</li> <li>When did the incident actu</li> </ul>	ually occur?09/10/2018 Date	Notification Number (           3         05:58         O AM           Time         Image: Marco PM	Required):_529568	
Received By:		Assigned By:	Inspector:	
Date/Time Received:	Date/Time Received: Date/Time Assigned:		Date/Time Receiv	ed Assignment:
Date Delivered To Tea	am:	Date Reviewed Inspector Report:	Reviewed Inspector Report: Date Inspected Fa	
SE Team:	Sector:	Breakdown/Deviation Notification No.	Date Completed R	Report:
Recommended Action	Cancel Notification Gran	t Relief Issue NOV No	Other:	

© South Coast Air Quality Management District, Form 500-N (2009.04)

5.	Has the incident stopped? a. (a) Yes, c	on:09/10/2018		07:58	O am	<b>b</b> . () No					
		Date		Time	PM						
6.	What was the total duration of the inciden	t?		02							
7.	For equipment with an operating cycle, as when was the end of the operating cycle of	defined in Rule 430 (b)(3)(A), Juring which the incident occurred	?	Hours			O AM				
8.	Describe the incident and identify each pig	ece of equipment (by permit, appli	cation, or device i	Date number) affected. At	tach photos (wi	Time hen available) of the	O PM affected				
	equipment and attach additional pages as necessary.										
	After completion of the RATA for allowing ambient air to be sample	the day, a seal in the umbi ed rather than stack air.	ilical cord fron	1 the RATA sam	pling truck to	o the analyzers i	failed				
9.	The incident may have resulted in a: a. X Violation of Permit Condition(s):	Section F-I.A.1									
	<b>b.</b> X Violation of AQMD Rule(s):	2012 B4									
10.	What was the probable cause of the incide	ant? Attach additional pages as necessary.									
A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rather than stack air											
11.	Did the incident result in excess emissions	s?      No O Yes (Complete	the following and a	ttach calculations.)							
	VOClbs	NOx	_lbs 🔲 S	Ox	lbs	H2S	lbs				
	CO lbs	PM	_lbs 🔲 C	ther:	lbs		pollutant				
<ul> <li>12. For RECLAIM facilities Subject to Rule 2004 (i)(3) ONL Y: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions to be counted when determining compliance with your annual allocations? <ul> <li>a. ○ Yes, for:</li> <li>a. ○ Yes, for:</li> <li>b. ○ No, for:</li> <li>c. NOx</li> <li>c. SOx</li> <li>d. O x</li> <lid. li="" o="" x<=""> <li>d. O x</li> <li>d. O x</li> <li>d. O x</li> <lid. o<="" td=""></lid.></lid.></ul></li></ul>											
	b.      Yes (Attach evidence such as emission	ns calculations, contemporaneous op	perating logs or oth	er credible evidence.)							
Sec	ction III - Certification Statement										
l cei and	tify under penalty of law that based on info other materials are true, accurate, and com	rmation and belief formed after rea plete.	asonable inquiry,	the statements and ir	nformation in th	is document and in a	all attachments				
For	Title V Facilities ONLY: X I also certify	under penalty of law that that I am	the responsible of	official for this facility	v as defined in A	AQMD Regulation XX	CX.				
1. S	ignature of Responsible Official:	2. Title of Responsible Official: Director of Asset Management									
3 P	rint Name	10000	4. Date:								
0.1	Francisco Es	cobedo			09/12/2018	3					
5. P	 hone #:		6. Fax #:								
	(951) 928-5941			(866) 749-9109							
7. A	7. Address of Responsible Official:										
	26226 Antelope	e Road	Ν	/lenifee	CA	9258	35				
Stree	ot#		City		State	Zip					

© South Coast Air Quality Management District, Form 500-N (2009.04)



GE

Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

January 15, 2019

Ref. No. GE/IEEC - 1063

Mr. John Jackson Eastern Municipal Water District 2270 Trumble Road Perris, CA 92570-8300

#### Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Permit #558 NSCIU Signatory Certification Statement

Dear Mr. Jackson:

Please find attached IEEC's fully executed NSCIU Signatory Certification Statement as required by Permit #558.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

rancisco Francisco Escobedo

Director, Asset Management

Enclosure

cc: Jason Taylor - GE

Inland Empire Energy Center 26226 Antelope Road Menifee, CA, 92585 Permit No. 558

#### **NSCIU Signatory Certification Statement**

Based on my inquiry of the person or persons directly responsible for managing compliance with the categorical Pretreatment Standards under 40 CFR 423.16, 423.17 (pre-June 7, 2013) and EMWD Resolution No. 3003.3.1 certify that, to the best of my knowledge and belief that during the period from 1/1 18, to 12/31, 18, (month, days, and year):

(a) The facility described as Inland Empire Energy Center met the definition of a Nonsignificant Categorical Industrial User as described in 40 CFR 403.3(v)(2); to the EMWD collection system.

(b) The facility complied with all applicable Pretreatment Standards and requirements during this reporting period; and

(c) The facility never discharged categorical wastewater on any given day during this reporting period as it pertains to this permit. This compliance certification is based upon the following information: Inland Empire Energy Center did not discharge any untreated concentrated wastewater to the EMWD collection system.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Authorized Representative

<u>|-15-19</u> Date



GE

Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

February 11, 2019

Ref. No. GE/IEEC - 1067

Ms. Cher Snyder Sr. Enforcement Manager South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

#### SUBJECT: Inland Empire Energy Center (IEEC) Facility ID 129816 500 SAM Semi-Annual Monitoring Report

Dear Ms. Snyder:

Please find the enclosed our SAM Semi-Annual Monitoring Report for the period covering July 1, 2018 through December 31, 2018.

During this period, IEEC experienced one equipment breakdown. The corresponding Form 500-N is enclosed.

If you have any questions or need further information. Please contact me at (951) 928-5941 or by e-mail.

Sincerely,

manar

Francisco Escobedo Director, Asset Management

Enclosure Form 500-N (9-10-2018)

cc: Jason Taylor – GE Marry Dyas – CEC File

General Electric International



South Coast Air Quality Management District

Form 500-SAM

#### **Title V Semi-Annual Monitoring Report**

Section I: Facility Information										
1.	Permit issued to (Business name of operator that appears on permit):				2.	Vali	Valid AQMD Facility ID (Available on Permit or Invoice Issued by AQMD):			
1	Inland Empi	re Energy Cent	er					129816		
3.	<ul> <li>This report is based on the applicable rules, permit terms and requirements as specified in Sections A through K and Appendices A and B inclusive, and any compliance plans, variances, and alternative operating conditions in effect during the permit term of the Title V Facility Permit to Operate issued on: (mo/day/year)</li> </ul>									
4.	This report is due:	02/28/2019 (mo/day/year)	and covers the period from: -	07/01/2018 (mo/day/year)	to:	12/31/20 (mo/day/yea	18 ar)	-		
5.	This report su	upersedes a semi-a	nual monitoring re	port previously subn	nitted on:					
						(mo/day/yea	ar)	_		

Section II: Reference Summary of Deviations, Emergencies & Breakdowns Reported 1. Indicate the status of Deviations, Emergencies & Breakdowns during this reporting period': This facility has not experienced any deviations, emergencies or breakdowns. a. () This facility has experienced one or more deviations, emergencies or breakdowns as indicated in the table below\*: b. 💿 Type of Incident Was Form 500-N previously submitted for the deviation? Notification Indicate Deviation (D), Breakdown (B), or Emergency (Attach additional sheets as necessary) Number (E) Date: 09/12/2018 529568 O D • B OE Yes, on: O No, Form 500-N is attached to this report O No, Form 500-N is attached to this report OE O Yes, on: O D OB O Yes, on: O No, Form 500-N is attached to this report OD OB OE OE O Yes, on: O No, Form 500-N is attached to this report OD OB OD OB OE O Yes, on: O No, Form 500-N is attached to this report O No, Form 500-N is attached to this report ΟE O Yes, on: OD ΟB

<sup>\*</sup> For each deviation, emergency or breakdown that occurs, in most cases, your facility should have already verbally reported the incident. A notification number is assigned when the incident is verbally reported or Form 500-N is submitted. You will need this number to avoid submitting a duplicate Form 500-N with this report.
Was all mor	itoring as required by the permit conducted?			
a. (e	) Yes			
b. (	) No			
	If No. Please Explain			
				8-
ection IV: F ertify under pe asonable intui Francisco Director o	Responsible Official Signature Statement nalty of law that I am the responsible official for this facility as defin ry, the statements and information in this document and in all attack Signature of Responsible Official Escobedo Type or Print Name of Responsible Official of Asset Management Title of Responsible Official	ed in AQMD Regulation XXX and that bas ed application forms and other materials Z Date (r (951) (866)	ed on information ar are true, accurate, ar - 1 \ - \ 9 no/day/year) 928-5940 Phone 749-9109 Fax	nd belief formed after nd complete.
ection IV: F ertify under pe asonable inqui Francisco Director o 26226 An	Responsible Official Signature Statement nalty of law that I am the responsible official for this facility as defin ry, the statements and information in this document and in all attack Signature of Responsible Official Escobedo Type or Print Name of Responsible Official of Asset Management Title of Responsible Official telope Road	ed in AQMD Regulation XXX and that bas ed application forms and other materials 2 Date (r (951) (866) Menifee	ed on information ar are true, accurate, at - 1 \ - \ 9 no/day/year) 928-5940 Phone 749-9109 Fax CA	nd belief formed after nd complete. 92585

Mail Original to:

Cher Snyder, Sr. Enforcement Manager South Coast AQMD P.O. Box 4941 Diamond Bar, CA 91765

Ç	South Coast A Form 50 Title V	ir Quality Management District DO-N • Deviations, Emerge	encies & Breakdowns		Diamond B	Mail 1 SCAQM P.O. Box 49 Iar, CA 91765-09	
AC	*This written r calling AQMD	eport is <u>in addition to</u> requirements t at 1-800-288-7664 (1-800-CUT-SMO	o verbally report certain types of incidents. Verb G) or AQMD enforcement personnel.	al reports may be made by		Fel: (909) 396-33 www.aqmd.g	
Sec	tion I - Operator I	nformation					
1. Fe	cility Name (Business	Name of Operator That Appears On P	Permit): 2. Va	Id AQMD Facility ID (Available	e On Permit Or I	nvoice Issued By	
Ir	nland Empire Er	nergy Center	AC	MD):	129816		
_							
3. Ad	ldress:	26226 Antelope Road					
(wl	here incident occurred)		Street Address				
1		Menifee		CA	92585		
	-		City	State	Zip	)	
4. Ma (if c	iling Address: different from Item 3)	·	Street Address			1	
	9 <del>.</del>		City	State	Zip	,	
5. Pro	ovide the name, title, an	nd phone number of the person to a	contact for further information:				
	Ĩe	ann Taular	EUS Manager	(310)	100-6118		
	Ja	Name		(310) F	<sup>2</sup> hone #		
Secti	on II - Reporting	of Breakdowns, Deviations,	and Emergencies		相關的最近	開創業計算	
1 This	written notification is	to report a(n):			A STATE OF A STATE OF A		
Tvi	pe of Incident		Verbal Report Due*	Written Report Due			
a.	Emergency under F	Rule 3002(g)	2(g) Within 1 hour of discovery Within 2 working days from when the emis exceeded.				
b. )	Breakdown under:     Rule 430 (Non     Rule 2004 (RE     Rule 218 (Non     See Rule 218)	RECLAIM) CLAIM) RECLAIM) 0(3)	For Rules 430 & 2004 - Within 1 hour of discovery. For Rule 218 – Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days fro start of the breakdown, unless a written extension is granted. SS For Rule 218 - With required semi-annual reports.			
c. [	Deviation with exce [See Title V Permit,	ss emissions Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discover	n.		
d. [	Other Deviation (See Title V Permit.)	Section K, Condition Nos. 22D & 23]	None	With required semi-annual	monitoring repo	rts.	
ł	•	11	I				
. The	incident was first disc	overed by: Dennis Shanaha	anon	09/10/2018	07:00	O AM	
		1 (1955) 13 (1954)	Name	Date	Time	( <u>•</u> ) P'IYI	
. The l	incident was first repo	rted by: Operator 7	OnOn	09/10/2018	07:52	O AM	
a. (	Via Phone	Name o	of AQIMD Statt Person	Dale	Time	( <u>o</u> ) FW	
			Netter New New York	(Doculard), 529568			
D. (	/ In Person	201121001		(required).			
. Wher	n did the incident actu	ally occur?09/10/2018 Date	3 U5:58 O AM Time O PM				
	Received By:		Assigned By:	Inspector:			
	Date/Time Received:		Date/Time Assigned:	Date/Time Receive	d Assignment:	1	
0110	Date Delivered To Tear	n:	Date Reviewed Inspector Report:	Date Inspected Fac	ility:		
	Team:	Sector:	Breakdown/Deviation Notification No.	Date Completed Re	port:		
141-1	Damage dad Astron	Control Notification Octo	t Poliof Issue NOV No	Olber			
	Recommended Action:	Gancel Nouncation Gran		Other:			
Ave. I	Final Action:	Cancel Notification Gran	t Relief Issue NOV No	Other:	and the state	<u> </u>	

© South Coast Air Quality Management District, Form 500-N (2009.04)

Date       Time       Image       O2         0.2       Days       Hours         7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred?       Date       Time         8. Describe the incident and identify each piece of equipment (by permit, application, or device number) effected. Attach photos (when aveilable) of the a equipment and attach additional pages as necessary.       After completion of the RATA for the day, a seal in the umbilical cord from the RATA sampling truck to the analyzers fa allowing ambient air to be sampled rather than stack air.         9. The incident may have resulted in a:       Section F-I.A.1         a. [X] Volation of AQMD Rule(s):       2012 B4         10. What was the probable cause of the incident? Attach additional pages as necessary.         A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled ratic stack air         11. Did the incident result in excess emissions?       No         12. For RECLAM facilities Subject to Rule 2004 ( <i>j</i> ( <i>j</i> ) OML Y: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions when determining compliance with your ennual allocations?         13. Describe the steps taken to correct the problem (i.e., steps taken to millate excess emissions, equipment repairs, etc.) and the preventetive measures a avoid future incidents. Include photos	
<ol> <li>6. What was the total duration of the incident?</li></ol>	
7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred?       Date       Time         8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the a equipment and attach additional pages as necessary.       After completion of the RATA for the day, a seal in the umbilical cord from the RATA sampling truck to the analyzers for allowing ambient air to be sampled rather than stack air.         9. The incident may have resulted in a:       a. ☑ Violation of ACMD Rule(s):       Section F-I.A.1         b. ☑ Violation of ACMD Rule(s):       2012 B4       2012 B4         10. What was the probable cause of the incident? Attach additional pages as necessary.       A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rata stack air         11. Did the incident result in excess emissions? (•) No       Yes (Complete the following and attach calculations.)         □ VOC	
8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when evaliable) of the equipment and attach additional pages as necessary.         After completion of the RATA for the day, a seal in the umbilical cord from the RATA sampling truck to the analyzers fa allowing ambient air to be sampled rather than stack air.         9. The incident may have resulted in a:         a. ☑ Violation of Permit Condition(s):       Section F-I.A.1         b. ☑ Violation of AQMD Rule(s):       2012 B4         10. What was the probable cause of the incident? Attach additional pages as necessary.         A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rate stack air         11. Did the incident result in excess emissions? (• No () Yes (Complete the following and attach calculations.)         □ VOC	
After completion of the RATA for the day, a seal in the umbilical cord from the RATA sampling truck to the analyzers for allowing ambient air to be sampled rather than stack air.         9. The incident may have resulted in a:         a. [X] Violation of Permit Condition(s):       Section F-I.A.1         b. [X] Violation of AQMD Rule(s):       2012 B4         10. What was the probable cause of the Incident? Attach additional pages as necessary.         A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rational stack air         11. Did the incident result in excess emissions? (Interpretent to the sample the following and attach calculations.)         [] VOC	ffected
9. The incident may have resulted in a:       a. ★ Violation of Permit Condition(s):       Section F-I.A.1         b. ★ Violation of AQMD Rule(s):       2012 B4         10. What was the probable cause of the Incident? Attach additional pages as necessary.       A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rastack air         11. Did the incident result in excess emissions?        No       Yes (Complete the following and attach calculations.)         ↓ VOC	uiled
<ul> <li>b. ⊠ Violation of AQMD Rule(s): 2012 B4</li> <li>10. What was the probable cause of the incident? Attach additional pages as necessary. A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rastack air</li> <li>11. Did the incident result in excess emissions? <ul> <li>No</li> <li>Yes (Complete the following and attach calculations.)</li> <li>Voc</li></ul></li></ul>	
<ul> <li>10. What was the probable cause of the incident? Attach additional pages as necessary. <ul> <li>A seal in the umbilical cord from the RATA sampling truck to the analyzer failed allowing ambient air to be sampled rasistack air</li> <li>11. Did the incident result in excess emissions? <ul> <li>No</li> <li>Yes (Complete the following and attach calculations.)</li> <li>VOC</li></ul></li></ul></li></ul>	
<ul> <li>11. Did the incident result in excess emissions? </li> <li>No</li> <li>Yes (Complete the following and attach calculations.)</li> <li>VOCIbs</li> <li>NOxIbs</li> <li>SOxIbs</li> <li>H2SIbs</li> <li>COIbs</li> <li>PMIbs</li> <li>Other:Ibs</li> <li>Item 11, do you want these emissions of NOx and/or SOx were reported in Item 11, do you want these emissions when determining compliance with your annual allocations?</li> <li>a. () Yes, for:</li> <li>INOX</li> <li>ISOX</li> <li>Include all information specified in Rule 2004(i)(3)(B) and (C), as applicable.</li> <li>13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures of avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.</li> <li>Umbilical cord re-sealed</li> </ul>	her than
Image: Noce	
<ul> <li>COlbs PMlbs Other:lbs</li></ul>	lbs
<ol> <li>For RECLAIM facilities Subject to Rule 2004 (i)(3) ONLY: If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions when determining compliance with your annual allocations?         <ul> <li>a. ○ Yes, for: ○ NOx ○ SOx</li> <li>b. ○ No, for: ○ NOx ○ SOx</li> <li>If box 12(b) above is checked, include all information specified in Rule 2004(i)(3)(B) and (C), as applicable.</li> </ul> </li> <li>Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures avoid future incidents. Include photos of the falled equipment if available and attach additional pages as necessary. Umbilical cord re-sealed</li> </ol>	pollutant
<ul> <li>14. Was the facility operating properly prior to the incident? <ul> <li>a. (•) Yes</li> <li>b. (·) No, because:</li> </ul> </li> <li>15. Did the incident result from operator error, neglect or improper operation or maintenance procedures? <ul> <li>a. (·) Yes</li> <li>b. (•) No, because:</li> </ul> </li> <li>16. Has the facility returned to compliance? <ul> <li>a. (·) No, because:</li> <li>b. (•) Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)</li> </ul> </li> <li>Section III - Certification Statement <ul> <li>Icerlify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all</li> </ul></li></ul>	Imployed to
and other materials are true, accurate, and complete.	
1. Signature of Responsible Official:	
Director of Asset Management	
3. Print Name: 4. Date: 09/12/2018	
5. Phone #: (0.7.1) 0.00 E0.11	
(951) 928-5941 (866) 749-9109	_
7. Address of Responsible Official:	
Street# City City State Zip	

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Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

October 24, 2018

Ref. No. GE/IEEC - 1051

RECLAIM Administration South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

## Subject:Inland Empire Energy Center, LLC (Facility ID No. 129816)2018 Cycle 2 1st Quarterly Certification Emissions Report (QCER)

To whom it may concern,

Please find enclosed IEEC's 1st Quarterly Certification Emissions Report (QCER) for compliance year 2018. The total NOx reported is 8,336.23 pounds for major and process units.

If you have any questions or concerns regarding this report, please contact me at (951) 928-5941.

Sincerely,

Escoludo

Francisco Escobedo Director, Asset Management

Attachments

cc: Jason Taylor – GE File

### SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Regional Clean Air Incentives Market (RECLAIM) Quarterly Certification of Emissions Report

	100011		All and the second	Y 1 1	T1	-	<b>a</b> .	TTO
Facility ID#	129816	Facility	Name:	Inland	Empire	Energy	Center.	LIC
r occurry in and	14/010	r occurcy s	L LULLARUU	AA LACLA LOL				

I hereby certify that the emissions reported below are accurate and representative of our facility's emissions for the quarter beginning on \_7\_ / \_1\_ / \_2018\_\_ and ending on \_9\_ / \_30\_\_ / 2018\_. I understand that all records, including but not limited to, MRR recordkeeping forms (e.g., Forms NOx/SOx-2, NOx/SOx-3, NOx/SOx-4 and NOx/SOx-5) and other documents necessary for the accurate calculation of these emissions must be maintained for 3 years at the facility pursuant to Rules 2011(g) and 2012(i). I also understand I am responsible for providing such documents to substantiate the emissions reported if audited.

<b>D</b> 1		A second				ADIA
Reported	bv:		M M J A	rn (	NOV	NUD
	~ .					

(Signature of Highest Ranking Responsible Official)

\_ Date: 10/24/2018\_\_

TITLE: Director, Asset Mgmt.\_\_\_ (Type or print Title)

#### Francisco Escobedo

(Type or print name)

Total Quarterly Emissions

Equipment Category	NOx (lbs)	SOx (lbs)		
Major Sources	8280.42	NA		
Large Sources	NA			
Process Units	55.81	NA		
Equipment Exempt Pursuant to District Rule 219	NA	NA		
Equipment with Various Locations Permits	NA	NA		
Equipment Operating without an AQMD Permit	NA	NA		
Total	8336.23	NA		

#### For Corrections to a Previously Submitted Quarterly Certification of Emissions Report Only:

Check the appropriate box if this is to correct a previously submitted quarterly certification of emissions report:

- This correction is submitted within the reconciliation period of the reporting period. Corrections to electronically filed emissions reports have been transmitted to the AQMD Central Station or corrections to manually filed emissions reports are attached.
- This correction is submitted after the end of the reconciliation period of the reporting quarter. Form C-ERE (for electronic reports) or Form NOx/SOx-1 (for manual reports) is attached to list the details of and the cause(s) for making the changes. Also attached is the proof to demonstrate the error was caused by conditions beyond the reasonable control of the permit holder.

Reasons for correction: (check all applicable boxes)

- o Missing data procedures were not followed properly.
- Excess emissions resulting from breakdowns have been approved by AQMD to be excluded from determining compliance with the facility's annual allocations.
- o Other

	Diesel Eng	ines/Water	S		
	Q1	Q2	Q3	Q4	
D9	14.08	0.00	0.00	0.00	14.08
D10	26.58	0.00	0.00	0.00	26.58
D32	15.15	0.00	0.00	0.00	15.15
Total	55.81	0.00	0.00	0.00	55.81

	1st Quarter 2nd Quarter				3rd Quarter				4th Quarter				Yearly								
	July	Aug	Sept	Total	Oct	Nov		Dec	Total	Jan	Feb	)	Mar	Total	A	Apr	May	Jun		Total	Total
Unit 1	5212.47	1331.22	1713.81	8257.5		0	0	0	C		0	0		0	0	. 0		0	0.00	0	8257.50
Unit 2	0	0	0	0		0	0	0	C		0	0		0	0	0		0	0.00	0	0.00
Aux Boiler	7.33	4.5	11.09	22.92		0	0	0	C		0	0		0	0	0		0	0.00	0	22.92
Total	5219.8	1335.72	1724.9	8280.42		0	0	0	C		0	0		0	0	0		0	0.00	0	8280.42
QCER Majo	or Source To	otals		8280.42					0.00			3447		0	.00			-	0.00	0.00	8280.42

	QCER Tota	ls				
	Q1	Q2	Q3	Q4		Yearly Total
Total	8336.23	0.00		0.00	0.00	8336.23

## **SUCCESS!**

Your facility's annual GHG report has been successfully submitted to EPA and certified. The facility's representatives and agents will receive an email confirmation.

## **Annual Report Submission**

Facility Name: Inland Empire Energy Center Address: 26226 ANTELOPE RD, ROMOLAND CA 92585 Reporting Year: 2017 Submitted Date: Thu Mar 29 17:51:01 EDT 2018 Certification Date: Thu Mar 29 17:51:35 EDT 2018 Submitted By: Escobedo, Francisco Confirmation Number: 179249-167823

# Run 2018 ARP Compliance

Draft compliance has been automatically run for all of your accounts for which all of the appropriate emissions data for the compliance period has been submitted. The results are shown in the table below; any accounts with excess emissions are listed above the table.

You may run 'draft' compliance again for an account by checking the box next to the account number and clicking the 'Run Draft Compliance' button below the table. Review the information for that account; 'Draft' will be denoted in the 'Compliance Status' column until final compliance is run for that account. If a 0 (zero) appears in the 'Excess Emissions' column, that means there are currently enough allowances in the account to cover the emissions. You may run draft compliance for an account as many times as you wish (e.g., after allowance transfers or emissions data resubmissions) until final compliance is run for that account.

After the allowance transfer deadline, you may run final compliance for an account by checking the box next to the account number and clicking the 'Run Final Compliance' button below the table.

If you have any questions, contact Kenon Smith (202-343-9164) or Paula Branch (202-343-9168).

Final Compliance has executed.

Inland Empire Energy Center (055853FACLTY)

Accounts

	Account Number	¢ Account Name	State	Allowances Held	Total User Specified Allowances for Deduction (optional)	Emissions (tons)	Excess Emissions	Compliance Status	Compliance Run Date	Last Updated By	Last Updated Date
	055853FACLTY	Inland Empire Energy Cent <mark>e</mark> r	CA	62	0	0	0	Final	03/05/2019 01:53:31 PM	Escobedo, Francisco J	03/05/2019 01:53:31 PM
Showin	g 1 to 1 of 1 entrie	rs	un <sup>14</sup> Leurn fü	al compliance?	·				First	Previous 1	Next Last



GE.

Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

January 15, 2019

Ref. No. GE/IEEC - 1061

RECLAIM Administration South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

## Subject:Inland Empire Energy Center, LLC (Facility ID No. 129816)2018 Cycle 2 2nd Quarterly Certification Emissions Report (QCER)

To whom it may concern,

Please find enclosed IEEC's 2nd Quarterly Certification Emissions Report (QCER) for compliance year 2018. The total NOx reported is 542.51 pounds for major and process units.

If you have any questions or concerns regarding this report, please contact me at (951) 928-5941.

Sincerely, Francisco Escobedo

Director, Asset Management

Attachments

cc: Jason Taylor – GE File

## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Regional Clean Air Incentives Market (RECLAIM) Quarterly Certification of Emissions Report

Facility ID#: 129816 Facility Name: Inland Empire Energy Center, LLC
--

I hereby certify that the emissions reported below are accurate and representative of our facility's emissions for the quarter beginning on \_\_10\_ / \_1\_ / \_2018\_\_ and ending on \_12\_ / \_31\_\_ / 2018\_. I understand that all records, including but not limited to, MRR recordkeeping forms (e.g., Forms NOx/SOx-2, NOx/SOx-3, NOx/SOx-4 and NOx/SOx-5) and other documents necessary for the accurate calculation of these emissions must be maintained for 3 years at the facility pursuant to Rules 2011(g) and 2012(i). I also understand I am responsible for providing such documents to substantiate the emissions reported if audited.

			0		
Reported 1	by: 🧃	trancisco	Escaleo	10	Date: 1/16/2018
-		CTT: 1 CTT: 1 CD	1 · D · · 1 1	Official D	

(Signature of Highest Ranking Responsible Official)

TITLE: Director, Asset Mgmt.\_\_

(Type or print name)

(Type or print Title)

#### **Total Quarterly Emissions**

Francisco Escobedo

Equipment Category	NOx (lbs)	SOx (lbs)
Major Sources	0.00	NA
Large Sources	NA	
Process Units	542.51	NA
Equipment Exempt Pursuant to District Rule 219	NA	NA
Equipment with Various Locations Permits	NA	NA
Equipment Operating without an AQMD Permit	NA	NA
Total	542.51	NA

For Corrections to a Previously Submitted Quarterly Certification of Emissions Report Only:

Check the appropriate box if this is to correct a previously submitted quarterly certification of emissions report:

- This correction is submitted within the reconciliation period of the reporting period. Corrections to electronically filed emissions reports have been transmitted to the AQMD Central Station or corrections to manually filed emissions reports are attached.
- This correction is submitted after the end of the reconciliation period of the reporting quarter. Form C-ERE (for electronic reports) or Form NOx/SOx-1 (for manual reports) is attached to list the details of and the cause(s) for making the changes. Also attached is the proof to demonstrate the error was caused by conditions beyond the reasonable control of the permit holder.

Reasons for correction: (check all applicable boxes)

- 0 Missing data procedures were not followed properly.
- Excess emissions resulting from breakdowns have been approved by AQMD to be excluded from determining compliance with the facility's annual allocations.
- o Other

	Diesel Eng	ines/Water	s		
	Q1	Q2	Q3	Q4	
D9	14.08	271.24	0.00	0.00	285.32
D10	26.58	256.16	0.00	0.00	282.74
D32	15.15	15.12	0.00	0.00	30.26
Total	55.81	542.51	0.00	0.00	598.32

		1st Qu	uarter			2nd	Quarter			3rd (	Quarter			4th (	Quarter		Yearly
	July	Aug	Sept	Total	Oct	Nov	Dec	Total	Jan	Feb	Mar	Total	Apr	May	Jun	Total	Total
Jnit 1	5212.47	1331.22	1713.81	8257.5	0	0 0	0 0	0	0	(	D	0 0	C		0.00	0 0	8257.50
Jnit 2	0	0	0	0	0	) (	0 0	0	0	(		0 0	C		0.00	0 0	0.00
Aux Boiler	7.33	4.5	11.09	22.92	0	) (	0 0	0	0	(	0	0 0	C		0.00	0 0	22.92
otal	5219.8	1335.72	1724.9	8280.42	C	) (	0 0	0	(	(	0	0 0	C	)	0.00	0 0	8280.42
QCER Majo	r Source To	otals		8280.42				0.00	i			0.00	)			0.00	8280.42

	QCER Tota	ls				
	Q1	Q2	Q3	Q4		Yearly Total
Total	8336.23	542.51	0.0	00	0.00	8878.74



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

April 5, 2018

Ref. No. GE/IEEC - 1026

RECLAIM Administration South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

## Subject:Inland Empire Energy Center, LLC (Facility ID No. 129816)2017 Cycle 2 3rd Quarterly Certification Emissions Report (QCER)

To whom it may concern,

Please find enclosed IEEC's 3rd Quarterly Certification Emissions Report (QCER) for compliance year 2017. The total NOx reported is 41.10 pounds for major and process units.

If you have any questions or concerns regarding this report, please contact me at (951) 928-5941.

Sincerely,

o Erchedo

Francisco Escobedo Director, Asset Management

Attachments

cc: Jason Taylor – GE File

General Electric International

### SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Regional Clean Air Incentives Market (RECLAIM) Quarterly Certification of Emissions Report

Facility ID#: 129816	Facility Name: Inland Empire Ener	gy Center, LLC_
----------------------	-----------------------------------	-----------------

I hereby certify that the emissions reported below are accurate and representative of our facility's emissions for the quarter beginning on  $\_1_/ \_1_/ \_2018\_$  and ending on  $\_3_/ \_31_/ \_2018\_$ . I understand that all records, including but not limited to, MRR recordkeeping forms (e.g., Forms NOx/SOx-2, NOx/SOx-3, NOx/SOx-4 and NOx/SOx-5) and other documents necessary for the accurate calculation of these emissions must be maintained for 3 years at the facility pursuant to Rules 2011(g) and 2012(i). I also understand I am responsible for providing such documents to substantiate the emissions reported if audited.

Reported by:	Francisco	Escoledo	Date: 4/05/2018
1 0	(Signature of Highest Rankin	g Responsible Official)	

Francisco Escobedo

(Type or print name)

TITLE: Director, Asset Mgmt.\_\_\_ (Type or print Title)

#### **Total Quarterly Emissions**

Equipment Category	NOx (lbs)	SOx (lbs)		
Major Sources	0	NA		
Large Sources	NA			
Process Units	41.10	NA		
Equipment Exempt Pursuant to District Rule 219	NA	NA		
Equipment with Various Locations Permits	NA	NA		
Equipment Operating without an AQMD Permit	NA	NA		
Total	41.10	NA		

#### For Corrections to a Previously Submitted Quarterly Certification of Emissions Report Only:

Check the appropriate box if this is to correct a previously submitted quarterly certification of emissions report:

- This correction is submitted within the reconciliation period of the reporting period. Corrections to electronically filed emissions reports have been transmitted to the AQMD Central Station or corrections to manually filed emissions reports are attached.
- This correction is submitted after the end of the reconciliation period of the reporting quarter. Form C-ERE (for electronic reports) or Form NOx/SOx-1 (for manual reports) is attached to list the details of and the cause(s) for making the changes. Also attached is the proof to demonstrate the error was caused by conditions beyond the reasonable control of the permit holder.

Reasons for correction: (check all applicable boxes)

- o Missing data procedures were not followed properly.
- Excess emissions resulting from breakdowns have been approved by AQMD to be excluded from determining compliance with the facility's annual allocations.
- o Other

1.																					
	Q1	Q2	Q3	Q4																	
D9	14.14	25.92	15.77	0.00	55.83																
D10	16.80	11.17	7.03	0.00	35.00																
D32	14.93	21.98	18.30	0.00	55.21																
Total	45.87	59.08	41.10	0.00	146.04																
		1ct 0				2						C. Declaration									C#7/10 349
	huby	Aug	Sent	Total	Oct	Mou	Doc	Total	Ine	JE-h		Jarter	T		100 M		4th C	luarter	-	4	Yearly
Unit 1	3520 74	3578 38	2632 71	9731 83	1241.6	INOV	0 771 01	2013 51	Jan	rep	0	war	Tota		Apr	Ma	Y	Jun		Iotal	Iotal
Unit 2	0	0	0	0	1241.0		0 //1.51	2013.31		0	0			0		_			-		11/45.
Aux Boile	93	4 61	4 29	18.2	5 27		0 5.01	10.28		0	0			0		_		-			20.4
Total	3530.04	3582 00	2637	9750.03	1246.87		0 775.02	2022 70		0	0		2	0	7	-					28.4
OCER Mai	or Source	Totals	2001	9750.03	1240.07		110.32	2023.79	1	V	U			0 00		U	4	/	U	0.00	11//3.
								2020.13						0.00						0.00	11//5.6
	QCER Tot	als																			
	Q1	Q2	Q3	Q4	Yearly To	tal															
Total	9795.90	2082.87	41.10	0.00	11919.86																



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

January 2, 2018

Ref. No. GE/IEEC – 1008

Mr. Rafael Reynosa South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

#### Subject: Inland Empire Energy Center, LLC (Facility ID No. 129816) Rule CO-218 Semi-Annual Report (JUL-DEC 2017)

Dear Rafael:

Included is our Rule 218 CO Semi-Annual report for the period covering July 1 – December 31, 2017. This report is being provided in hard-copy in addition to the electronic copy submitted to Nydia Ibarra on January 2nd, 2018 in order to meet our compliance obligation.

During the period covered, Unit 1 (D1) had 4 startups and 4 shutdowns. Total source operating hours during this time was 992 hours, with total CO emissions of 3,672.5 pounds.

During the period covered, Unit 2 (D2) had 0 startups and 0 shutdowns. Total source operating hours during this time was 0 hours, with total CO emissions equal to 0 pounds.

Please notify us if any changes should be made to the data type included, or the format of the 218 reports provided.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Endedo

Francisco Escobedo Director, Asset Management

cc: Jason Taylor – GE Nydia Ibarra - SCAQMD



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

January 2, 2019

Ref. No. GE/IEEC - 1059

Mr. Rafael Reynosa South Coast Air Quality Management District 21865 E. Copley Drive Diamond Bar, CA 91765-4182

#### Subject: Inland Empire Energy Center, LLC (Facility ID No. 129816) Rule CO-218 Semi-Annual Report (JUL-DEC 2018)

Dear Rafael:

Included is our Rule 218 CO Semi-Annual report for the period covering July 1 – December 31, 2018. This report is being provided in hard-copy in addition to the electronic copy submitted to Nydia Ibarra on January 2nd, 2019 to meet our compliance obligation.

During the period covered, Unit 1 (D1) had 5 startups and 5 shutdowns. Total source operating hours during this time was 899 hours, with total CO emissions of 2,197.2 pounds.

During the period covered, Unit 2 (D2) had 0 startups and 0 shutdowns. Total source operating hours during this time was 0 hours, with total CO emissions equal to 0 pounds.

Please notify us if any changes should be made to the data type included, or the format of the 218 reports provided.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo Director, Asset Management

cc: Jason Taylor – GE Nydia Ibarra - SCAQMD

## Unit 1 218 Data Jul-Dec 2018

	CO PPM			CO Corr								Shut	Unit On Time	CEMS On Time
	Ave	CO PPM Max	CO PPM Total	Ave	CO Corr Max	CO Corr Total	CO Lbs Ave	CO Lbs Max	CO Lbs Total	CO Lbs SU/SD	Start Ups	Downs	Hours	Hours
Jul	0.8	206.1	. 510.3	1.2	257.6	705.6	1.5	357.8	930.6	929.3	2	2 1	605	744
Aug	3.1	324.9	405.1	. 4.0	427.9	524.2	2.7	188.2	354.0	354.0	2	2 3	131	744
Sep	3.2	253.7	524.6	4.6	325.4	742.9	5.6	478.0	912.6	910.4	1	1	163	720
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0		0	744
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0		0	720
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(		0	744
Totals			1440.0	)		1972.7			2197.2	2193.6	9	5 5	899	4416.00



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

October 23, 2018

Ref. No. GE/IEEC - 1050

DTSC Accounting Unit Departments of Toxic Substances Control 1001 | Street Sacramento, CA 95814-2828

#### Subject: Inland Empire Energy Center (Facility I.D. Number 129816) 2018 EPA ID Number Verification Questionnaire

To Whom It May Concern:

Attached, please find the 2018 the EPA ID Number Verification Questionnaire for the Inland Empire Energy Center, along with our payment.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

celedo Francisco Escobedo

Director, Asset Management

cc: Jason Taylor - GE

Francisco Escoleolo

## Congratulations on completing the 2018 EPA ID Number Verification Questionnaire! Keep a copy of this invoice for

#### your records.

EPA ID Number Verification Questionnaire and Fee Assessment completed by FRANCISCO ESCOBEDO, Director Asset Management on 10/16/2018.

## \* Please make sure you sign and date this invoice.

\* Signature: \* Date: 10-23-2018

## Print and sign this invoice, and mail it with your payment to DTSC. FOR CHECK PAYMENT FOR CREDIT CARD PAYMENT

Print this invoice. Complete the payment information on Page 2 of the invoice. Write your VQ Number on your check. Mail the invoice and check to:

Accounting Unit Department of Toxic Substances Control PO Box 1288 Sacramento, CA 95812-1288 Please follow this link to DTSC's credit processor PayPoint.

Online payments submitted before 5:00 p.m. Eastern Time with a posting date of today will be posted to your account within two (2) business days. After 5:00 Eastern Time, payments cannot be submitted with a posting date of that same day.

DTSC recommends you use the latest version of the following web browsers: Google Chrome, Internet Explorer, Mozilla Firefox, Opera, Safari. If you are experiencing issues while using a browser's latest version, try a different browser listed above. A payment confirmation email will be sent to the email provided if the payment transaction was successful. VQ Number: 201847619

## Federal Employer Identification Number: 77-0578296

#### INLAND EMPIRE ENERGY CENTER, LLC

26226 ANTELOPE RD, MENIFEE, CA 925858739

**EPA ID Number Verification Fee** (Fee rate is multiplied by the number of EPA ID Numbers.)

Number of Employees	1 - 49	50 - 74	75 – 99	100 - 249	250 - 499	500 or more
EPA ID Fee Rate	NO FEE - \$0	\$150	\$175	\$200	\$225	\$250

Total Number of Employees: 31 EPA ID Rate: \$0.00

Calculated Verification Amount: \$0.00

ALLIANA

**Total EPA ID Verification Fee Due: \$0.00** (Verification amount or maximum of \$5,000, whichever is less.)

Hazardous Waste Manifest Fee (Fee Rate is Per Manifest)

10-23-2018

			Non-Recycled Waste Derived from Air	
	Recycled	Non-Recycled	<b>Compliance Solvents</b>	Total
2017 Manifest Count	2	10	0	12
<b>Manifest Fee Rate</b>	\$0.00	\$7.50	\$3.50	
Amount Due	\$0.00	\$75.00	\$0.00	\$75.00
Manifest Credit (For: 00	5888142SKS, 00594	8125SKS, 006159149SI	(S, 006129211SKS)	\$30.00

#### **Total Hazardous Waste Manifest Fee Due**

#### \$45.00

## **Total EPA ID Number Verification and Hazardous Waste Manifest Fees Due: \$45.00**

https://evq.dtsc.ca.gov/User/U06Submit.aspx

VQ Number: 201847619 INLAND EMPIRE ENERGY CENT	Fede ER, LLC	ral Employer Identification Number: 77- 0578296
Check Number:	2157	
Make your check payable to DTSC check to:	Cand write your VQ Numb	per on your check. Mail the invoice and
Accounting Unit Department of Toxic Substance PO Box 1288 Sacramento, CA 95812-1288	s Control	*3
THIS	SECTION FOR DEPARTM	ENT USE ONLY
FACILITY ID NO: INVOICE NO: APPROVED   NOT APPROVED	CAS	H ID NO: DATE:
Check No: Date:	Check Amount:_	Check
12560055: 12560065:	_ 12560092:	
12560035: 12560075:	12560091: 12560096:	

## 



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

April 26, 2018

Ref. No. GE/IEEC - 1028

DTSC Generator Manifest Biennial Report Staff 1001 I Street, 11<sup>th</sup> Floor Sacramento, CA 95814

#### Subject: Inland Empire Energy Center (Facility I.D. Number CAR000216952) - Original signature on Biennial Report Site Identification Form

To Whom It May Concern:

In accordance with the BRS Staff e-mail received 4/25, please find attached the Biennial Report Site Identification Form with original signature for the Inland Empire Energy Center.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo Director, Asset Management

cc: Jason Taylor - GE

EPA ID Number	С	Α	R	0	0	0	2	1	6	9	5	2
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18. Comments (include item number for each comment)

Short-	ferm	Notes	

Notes

**19. Certification** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Francisco Escobedo	02/13/2018
Printed Name (First, Middle Initial Last)	Title
Francisco Escobedo	Director, Asset management
Email frank.escobedo@ge.com	
Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Printed Name (First, Middle Initial Last)	Title
Email	

### Inland Empire Energy Center, LLC (CERSID: 10324351)

Facility Information Submitted Jan 31, 2019

Submitted on 1/31/2019 3:03:29 PM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

Business Activities

Business Owner/Operator Identification

#### Hazardous Materials Inventory Submitted Jan 31, 2019

Submitted on 1/31/2019 3:03:29 PM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

- Hazardous Material Inventory (44)
- Site Map (Official Use Only)
  - Annotated Site Map (Official Use Only) (Adobe PDF, 1243KB)

#### Emergency Response and Training PlansSubmitted Jan 31, 2019

Submitted on 1/31/2019 3:03:29 PM by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

- Emergency Response/Contingency Plan

   Emergency Response/Contingency Plan (Adobe PDF, 336KB)
- Employee Training Plan
  - Provided In Submital Element: Emergency Response and Training Plans

#### California Environmental Reporting System (CERS)

#### Site Identification

Inland Empire Energy Center, LLC
26226 Antelope Rd
Romoland, CA 92585
County
Riverside

Underground Storage Tank(s) (UST)

#### Submittal Status

Submitted on 1/31/2019 by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

#### Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?

#### Does your facility own or operate underground storage tanks? No Hazardous Waste Is your facility a Hazardous Waste Generator? Yes Does your facility treat hazardous waste on-site? No Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? No Does your facility consolidate hazardous waste generated at a remote site? No Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site? No Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate No in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste. Is your facility a Household Hazardous Waste (HHW) Collection site? No Excluded and/or Exempted Materials Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? No Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in Yes aboveground tanks or containers.

Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental **Yes** Release prevention Program (CalARP)?

#### Additional Information

No additional comments provided.

**Business Activities** 

CERS ID 10324351

EPA ID Number CAR000216952

**Business Owner Operator** 

CERS ID 10324351

## Facility/Site

#### Inland Empire Energy Center, LLC 26226 Antelope Rd

Romoland, CA 92585

#### Submittal Status

Submitted on 1/31/2019 by Francisco Escobedo of Inland Empire Energy Center, LLC (Romoland, CA)

Identification						
GE Operator Phone (951) 928-5940	Business Phone (951) 928-5900	Business Fax		Beginning Date Dun & Bradstreet	Ending Date SIC Code 2112	Primary NAICS
Facility/Site Mailing A	Address			Primary Emergency	Contact	
26226 Antelope Road Menifee, CA 92585				Ben Kling Title Plant Manager Business Phone (95) 192-8593	24-Hour Phone (951) 928-5940	Pager Number
Owner				Secondary Emergen	cy Contact	
Inland Empire Energy Ce (951) 928-5941 26226 Antelope Road Menifee, CA 92585	nter			Jason Taylor Title EHS Manager Business Phone (951) 928-5908	24-Hour Phone (951) 928-5940	Pager Number
Billing Contact				Environmental Cont	act	
Inland Empire Energy Ce (951) 928-5941 26226 Antelope Road Menifee, CA 92585	nter, LLC			Jason Taylor (951) 928-5908 26226 Antelope Road Menifee, CA 92585	jason2.taylor@ge.com	
Name of Signer Francisco Escobedo Additional Information		Signer Tit Director	le of Asset		Document Preparer Jason Taylor	
Locally-collected Field	ds					
Some or all of the follow	ing fields may be require	d by your local regulator(s)	•			
Property Owner				Assessor Parcel Numbe	r (APN)	
Phone				Number of Employees		
Mailing Address				Facility ID		

			Hazardo	us Materials	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org. In Facility Name In 262	land Emp land Emp 226 Antelo	Dire Energy Center, LLC Dire Energy Center, LLC pe Rd, Romoland 92585			Chemical Loca	tion Y COOLING	i SYSTEM		CERS ID Facility IE Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
DOT Code/Fire Haz, Class		Common Name	Unit	May Daily	Quantities	Avg Daily	Annual Waste	Federal Hazard	Component Name	Hazardous Component (For mixture only) % Wt	S FHS CAS No
DOT: 8 - Corrosives (Lic Solids) Corrosive, Toxic	quids and	CORRSHIELD MD4100	Gallons State Liquid Type Mixture	Storage Container Steel Drum Days on Site: 365	110	55 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM MOLYBDATE	76 WL	7631-95-0 7632-00-0

				Hazardo	us Materials A	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy C pire Energy C pe Rd, Romolan	enter, LLC enter, LLC d 92585			Chemical Loca	tion UNIT #2 AM	ND COOL	ING TOWERS	CERS ID Facility IE Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
DOT Code/Eiro Haz	lass	Common Name		Unit	Max Daily	Quantities		Annual Waste	Federal Hazard	Component Name	Hazardous Components (For mixture only) % Wt	S EHS CAS No
DOT: 8 - Corrosives Solids) Corrosive, Toxic	5 (Liquids and	AMMONIUI CAS No 1336-21-6	M HYDROXIDE	Pounds State Liquid Type Mixture	239360 Storage Container Aboveground Tank Days on Site: 365	119680	179520 Pressue Ambient Temperature Ambient	Waste Cod	- Health Acute Toxicity - Health Skin Corrosion Irritation	AMMONIUM HYDROX	(IDE 30 %	1336-21-6

			Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report				
CERS Business/Org. Facility Name	Inland E Inland E 26226 Ant	mpire Energy Center, LLC mpire Energy Center, LLC elope Rd, Romoland 92585			Chemical Loca	ation I UNIT 1 AN	ID 2		CERS ID Facility ID Status	1032435 Submitted	<b>1</b> l on 1/3	1/2019 3:03 PM
	-1				Quantities		Annual Waste	Federal Hazard	Ha	azardous Co (For mixtur	nponents e only)	5
Toxic	LIASS	CONNTECT 6000 CAS No	Gallons State Liquid Type Mixture	Max. Daily       250       Storage Container       Other       Days on Site: 365	250	Avg. Daily 125 Pressue Ambient Temperature Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	ETHYLENE GLYCOL MOI ETHER ETHOXYLATED ALCOHO	NOBUTYL	% Wt 20 % 40 %	68439-46-3

			Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report		
CERS Business/Org. Facility Name	Inland Er	npire Energy Center, LLC npire Energy Center, LLC			Chemical Loca	ntion			CERS ID Facility II	<b>10324351</b>
		Common Name	11	Mar Daily	Quantities	Aug Deile	Annual Waste	Federal Hazard	Commenced Name	Hazardous Components (For mixture only)
DOT Code/Fire Haz. (	Class	Common Name Dupot Suva 123 CAS No 306-83-2	Unit Gallon State Gas Type Pure	Max. Daily s 12800 Storage Container Cylinder Days on Site: 365	Argest Cont. 3200	Avg. Daily 12800 Pressue Ambient Temperature Ambient	Amount Waste Code	Categories - Health Skin - Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Component Name	% Wt EHS CAS No.

		Hazardo	us Materials A	nd Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Inland E Facility Name Inland E 26226 Ani	Empire Energy Center, LLC Empire Energy Center, LLC telope Rd, Romoland 92585	Chemical Location       CERS ID       10324351         e OF WATER TREAMENT, N OF COOLING TOWER       Facility ID         status       Submitted on 1/31/2019 3:03 PM								L/2019 3:03 PM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	H Component Name	lazardous Components (For mixture only) % Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids ar Solids) Corrosive, Oxidizing, Class 2	nd SODIUM HYPOCHLORITE <u>CAS No</u> 7681-52-9	Gallons State Liquid Type Mixture	<b>25500</b> Storage Container Aboveground Tank Days on Site: 365	8500	20400 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> </ul>	SODIUM HYPOCHLORI SODIUM HYDROXIDE SODIUM CHLORIDE	TE 15 % 1 % 15 %	7681-52-9 1310-73-2 7647-14-5

			Hazardou	us Materials	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	Inland Em	pire Energy Center, LLC			Chemical Loca	ition			CERS ID	10324351	
Facility Name	Inland En	pire Energy Center, LLC			EAST OF U	JNIT #1 AND	) #2		Facility II	D	
	26226 Antel	lope Rd, Romoland 92585							Status	Submitted on 1/32	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	5
DOT Code/Fire Haz. C	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammal Flammable Gas, Cr	ble Gases yogen	HYDROGEN, COMPRESSED	Cu. Feet State S Gas C Type Pure D	104000 Storage Container Cylinder Days on Site: 365	52000	104000 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant			

			Hazardou	us Materials	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name	Inland En Inland En 26226 Ante	npire Energy Center, LLC npire Energy Center, LLC lope Rd. Romoland 92585			Chemical Loca Gas Chror	<sup>ition</sup> natagraph			CERS ID Facility II Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.1 - Flamma Flammable Gas	ble Gases	METHANE/ETHANE MIXTURE	Cu. Feet State S Gas C Type Mixture D	1000 Storage Container Cylinder Days on Site: 365	500	500 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive	METHANE ETHANE NITROGEN PROPANE	90 % 5 % 3 % 1 %	74-82-8 74-84-0 7727-37-9 74-98-6

Hazardous Materials And Wastes Inventory Matrix Report											
ERS Business/Org. Inland Empire Energy Center, LLC acility Name Inland Empire Energy Center, LLC 26226 Antelope Rd, Romoland 92585			Chemical Location CERS ID 10324351 HAZARDOUS MATERIALS AND WASTE STORAGE Facility ID Status Submitted on 1/31/2019 3:03 PM						1/2019 3:03 PM		
DOT Code/Fire Haz. Class DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A, Toxic	Common Name PAINTS CAS No	Unit Gallons State Liquid Type Mixture	Max. Daily <b>3 300</b> Storage Container Other Days on Site: 365	Quantities Largest Cont. 5	Avg. Daily 150 Pressue Ambient Temperature Ambient	Annual Waste Amount Waste Code	Federal Hazard Categories - Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Hazardous C (For mixtu Component Name BIS-A-LIQUID EPOXY RESIN TITANIUM DIOXIDE TRIBUTOXYETHYL PHOSPHATE CALCINED ALUMINUM SILICATE	omponent: ire only) % Wt 30 % 25 % 5 % 5 %	EHS CAS No. 25085-99-8 13463-67-7 78-51-3 1332-58-7	
DOT: 2.1 - Flammable Gases Unstable (Reactive), Class 2, Flammable Gas	ACETYLENE CAS No 74-86-2	Cu. Fee State Gas Type Pure	et 920 Storage Container Cylinder Days on Site: 365	230	460 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				
			Hazardo	us Materials	And Waste	s Inventory	/ Matrix	Report			
----------------------	--------------	-------------------------	-------------	----------------------------	---------------	--------------------------	-----------------	----------------------------------	----------------	---	----------------
CERS Business/Org.	Inland Em	pire Energy Center, LLC			Chemical Loca	ation			CERS ID	10324351	
Facility Name	Inland Em	pire Energy Center, LLC			HAZMAT	STORAGE; N	/IAINTEN	ANCE SHOP	Facility II	D	
	26226 Antelo	pe Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
				Annua Quantities Waste			Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflam	imable Gases		Cu. Feet	t 582 Storage Container	291	271 Pressue	Waste Code	- Physical Gas Under Pressure			
Cryogen		7440-37-1	Gas Type	Cylinder		> Ambient Temperature		- Health Simple Asphyxiant			
			Pure	Days on Site: 365		Ambient					

		Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.       Inland Empire Energy Center, LLC         Facility Name       Inland Empire Energy Center, LLC         26226 Antelope Rd, Romoland 92585				Chemical Loca	tion ter treatme	ent buildin	g	CERS ID Facility ID Status	<b>10324351</b>	1/2019 3·03 PM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	azardous Component (For mixture only) % Wt	EHS CAS No.
DUT: 8 - Corrosives (Liquids a Solids) Corrosive, Toxic	Biomate MBC281 Biocide         CAS No	Gallon: State Liquid <u>Type</u> Mixture	s 55 <u>Storage Container</u> Steel Drum Days on Site: 365	55	20 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health</li> <li>Reproductive</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health</li> <li>Respiratory Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>	Magnesium Nitrate 5-Chloro-2-Methyl-4-Is -One Corrosive	othiazolin-3	10377-60-3 26172-55-4

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ation ATER TREA	TMENT BU	JILDING	CERS ID Facility II Status	<b>10324351</b> D Submitted on 1/3	1/2019 3:03 PM	
DOT Code/Fire Haz. ( DOT: 8 - Corrosive: Solids) Corrosive	<sup>Class</sup> s (Liquids and	Common Name SPECTRUS DT1404 CAS No	Unit Gallons State S Liquid A Type	Max. Daily 550 torage Container boveground Tank	Quantities Largest Cont. 550	Avg. Daily 275 Pressue Ambient Temperature	Annual Waste Amount Waste Code	Federal Hazard Categories - Physical Corrosive To Metal - Health Serious Eye Damage Eye	Component Name SODIUM BISULFITE	Hazardous Component (For mixture only) % Wt	s EHS CAS No. 7631-90-5	
			Wixture L	Jays on Site. 505		Amblent		Irritation - Health Specific Target Organ Toxicity				

			Hazardou	us Materials	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	Inland Em	pire Energy Center, LLC			Chemical Loca	ation			CERS ID	10324351	
Facility Name	Inland Em	pire Energy Center, LLC			MAINTEN	ANCE SHOP	P AND HA	ZMAT STORAGE	Facility II	D	
	26226 Antelo	ppe Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing	g Substances	OXYGEN	Cu. Feet	768 Storage Container	192	384 Pressue	Waste Cod	- Physical Gas Under Pressure			
Oxidizing, Class 1		7782-44-7	Gas G Type Pure [	Cylinder Davs on Site: 365		> Ambient Temperature Ambient		- Physical Oxidize	r		

			Hazardo	us Materials A	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org. Facility Name	Inland Inland	Empire Energy Center, LLC			Chemical Loca	ition	IIT 2 CON	DENSER	CERS ID Facility ID	10324351	
,	26226 A	Intelope Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
				Annual Hazardou Quantities Waste Federal Hazard (For m					Hazardous Component (For mixture only)	S	
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Toxic		CORTROL OS5607	Gallons <u>State</u> Liquid Type Mixture	<b>1100</b> Storage Container Aboveground Tank Days on Site: 365	550	550 Pressue Ambient Temperature Ambient	Waste Code	- Health Respiratory Skin Sensitization	CARBONIC DIHYDRAZI	IDE	497-18-7

			Hazardo	ous Materials	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	Inland Emp	pire Energy Center, LLC			Chemical Loca	ation			CERS ID	10324351	
Facility Name	Inland Emp	pire Energy Center, LLC			NORTH W	/AREHOUSE	AND CEP	VIS SHACKS	Facility I	D	
	26226 Antelo	pe Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
DOT Code/Fire Haz. Cla	ass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflamn	nable Gases	EPA PROTOCOL GASES	Cu. Fee	t 2240	140	1120		- Physical Gas	OXYGEN	24 %	7782-44-7
		CAS No	<u>State</u> Gas Түре Mixture	Storage Container Cylinder Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Cod	eUnder Pressure	NIIROGEN	99 %	//2/-3/-9

	Hazardous Materials And Wastes Inventory Matrix Report												
CERS Business/Org. Facility Name	Inland E	mpire Energy Center, LLC mpire Energy Center, LLC			Chemical Loca	ution WATER TRE	ATMENT	BUILDING	CERS ID Facility II	10324351	/2010 2:02 DM		
DOT Code/Fire Haz. C	Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Components (For mixture only) % Wt	EHS CAS No.		
		SODIUM CHLORIDE (SALT) CAS No 7647-14-5	Pounds State S Liquid A Type Pure D	<b>100000</b> Storage Container Aboveground Tank Days on Site: 365	50000	80000 Pressue Ambient Temperature Ambient	Waste Cod	- Health Skin le Corrosion Irritation - Health Serious Eye Damage Eye Irritation					

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ation LOCKS			CERS ID Facility ID Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM	
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	H Component Name	lazardous Componen (For mixture only) % Wt	EHS CAS No.	
DOT: 8 - Corrosive Solids) Corrosive, Toxic	s (Liquids and	STEAMATE NA1321 CAS No	Gallon: <u>State</u> Liquid <u>Type</u> Mixture	s 2100 <u>Storage Container</u> Other Days on Site: 365	350	1400 Pressue Ambient Temperature Ambient	" Waste Cod	<ul> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>	AMMONIUM HYDROX	IDE 40 %	1336-21-6	

			Hazardo	ous Materials A	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ntion nsformer			CERS ID Facility ID Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
DOT Code/Fire Haz. (	Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Ha Component Name	azardous Componen (For mixture only) % Wt	EHS CAS No.
		Hytrans 61 CAS No	Gallons State Liquid Type Mixture	<b>28200</b> Storage Container Other Days on Site: 365	28200	23000 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Distillates, Petroleum a Hydrotreated Light 2, 6-Di-t-butyl-p-cresol	and 99 % (BHT) 1 %	64742-53-6 128-37-0

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca Stored ins	ation Side Water	Treatment	t Bulding	CERS ID Facility II Status	<b>10324351</b> D Submitted on 1/3	1/2019 3:03 PM	
DOT Code/Fire Haz. Cla	ass	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	s EHS CAS No.	
DOT: 8 - Corrosives ( Solids) Corrosive, Toxic	Liquids and	Reverse Osmosis Membrane Cleaner Kleen MCT103 CAS No	Gallons <u>State</u> Liquid <u>Type</u> Mixture	250 Storage Container Tote Bin Days on Site: 365	250	150 Pressue Ambient Temperature Ambient	Waste Code	- Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity	Nitriloriacetic Acid, Tr Organic Chelant Carboxylic Acid Phosphoric Acid	risodium Salt 1%	5064-31-3 7664-38-2	

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antel	npire Energy Center, LLC npire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ation RMERS			CERS ID Facility I Status	10324351 D Submitted on 1/31	/2019 3:03 PM	
DOT Code/Fire Haz	<sup>^</sup> lass	Common Name	Unit	May Daily	Quantities	Avg Daily	Annual Waste	Federal Hazard	Component Name	Hazardous Components (For mixture only) % Wt	EHS CAS No	
DOT: 3 - Flammabl Combustible Liquic	e and ds d, Class III-B	MOBIL DTE 832	Gallons State Liquid Type Mixture	32100 Storage Container Other Days on Site: 365	32100	32100 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Component Name	76 WU	LII3 CA3 IVU.	

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em	pire Energy Center, LLC pire Energy Center, LLC pre Rd. Romoland 92585			Chemical Loca	ntion ND UNIT 2			CERS ID Facility IE Status	<b>10324351</b> Submitted on 1/31/2019 3:03 PM		
DOT Code/Fire Haz	Class	Common Name	Unit	Max Daily	Quantities	Avg Daily	Annual Waste	Federal Hazard	Component Name	Hazardous Components (For mixture only)		
DOT: 8 - Corrosives Solids) Toxic	s (Liquids and	OPTISPERSE HP3100	Gallons State S Liquid A <u>Type</u> Mixture D	torage Container Aboveground Tank	550	550 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion - Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	SODIUM HYDROXIDE	1310-73-2		

	Hazardous Materials And Wastes Inventory Matrix Report										
CERS Business/Org.	Inland Em	pire Energy Center, LLC			Chemical Loca	ition			CERS ID	10324351	
Facility Name	26226 Antelo	pre Rd, Romoland 92585			VARIOUS	AREAS			Status	Submitted on 1/3	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflam	mable Gases	CARBON DIOXIDE	Gallons	55900	26000	55900		- Physical Gas	Carbon Dioxide		124-38-9
Cryogen		CAS No 124-38-9	State Liquid Type Pure	Storage Container Aboveground Tan	k, Cylinder	Pressue > Ambient Temperature	Waste Code	Under Pressure - Health Simple Asphyxiant	Nitrous Oxide		10024-97-2
DOT: 2.2 - Nonflam Cryogen	imable Gases	SULFUR HEXAFLUORIDE CAS No 2551-62-4	Pure Pounds State Gas Type Pure	3892 Storage Container Cylinder, Other	1355	Ambient       3202       Pressue       > Ambient       Temperature       Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant			

		Hazardou	s Materials	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Inla	and Empire Energy Center, LLC			Chemical Loca	ation			CERS ID	10324351	
Facility Name Inla	and Empire Energy Center, LLC			VARIOUS	LOCATIONS			Facility I	D	
262	26 Antelope Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
						Annual			Hazardous Component	5
				Quantities		Waste	Federal Hazard		(For mixture only)	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammabl	le Gases NITROGEN	Cu. Feet	260350	112200	260350		- Physical Gas			
	CAS No	State S	torage Container		Pressue	Waste Code	Under Pressure			
	7727-37-9	Gas C	ylinder, Other		> Ambient		- Health Simple			
		Туре			Temperature		Aspriyalant			
	1. O	Pure D	ays on Site: 365		Ambient					
DOT: 2.2 - Nonfiammadi	HELIUM, COMPRESSED	Cu. Feet	1746	291	873		- Physical Gas			
	CAS No	State S	torage Container		Pressue	Waste Code	- Health Simple			
	7440-59-7	Gas C	ylinder		> Ambient		Asphyxiant			
		Type Puro D	ave on Sito, 265		Ambiont		. ,			
DOT: 8 - Corrosives (Liqu		Callons	3113	262	2112		- Physical	IFAD	60 %	7439-92-1
Solids)	LEAD-ACID BATTERT	Gallolis	511Z	202	5112		Corrosive To		00 /0	7133 32 1
,	CAS No	Solid C	ther		Ambient	Waste Code	Metal	ANTIMONY	2 %	7440-36-0
Corrosive, Toxic		Type			Temperature		- Health	ARSENIC	1%	7440-38-2
		Mixture D	avs on Site: 365		Ambient		Carcinogenicity	SULFURIC ACID	30 %	🖌 7664-93-9
							- Health Acute			
							Toxicity			
							- Health			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							<b>Respiratory Skin</b>			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Toxicity			
L							ionicity			

	Hazardous Materials And Wastes Inventory Matrix Report									
CERS Business/Org. Inla Facility Name Inla 2622	and Empire Energy Center, LLC and Empire Energy Center, LLC 26 Antelope Rd, Romoland 92585			Chemical Loca	ation	5		CERS ID Facility I Status	<b>10324351</b> D <b>Submitted</b> on 1/3	1/2019 3:03 PM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Clas	DIESEL FUEL <u>CAS No</u> 68476-34-6 ss II	Gallons State Liquid Type Pure	8000 Storage Container Aboveground Tanl Days on Site: 365	<b>3500</b> k, Can, Other	7750 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Physical</li> <li>Flammable</li> <li>Health</li> <li>Carcinogenicity</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health</li> <li>Respiratory Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> </ul>			

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org.	Inland En	npire Energy Center, LLC			Chemical Loca	ntion			CERS ID	10324351		
Facility Name	Inland En	npire Energy Center, LLC			WAREHO	USE AND UN	NIT 1 ANI	D 2	Facility I	D		
	26226 Ante	lope Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM	
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S	
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
DOT: 2.1 - Flamma	ble Gases	ODORIZED COMMERCIAL	Gallons	340	17	170		- Physical	PROPANE	100 % 5 %	74-98-6 74-84-0	
Flammable Gas		CAS No	State S Liquid C Type Mixture [	Cylinder Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Cod		PROPYLENE BUTANES	10 % 3 %	115-07-1	

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org.	Inland E	Empire Energy Center, LLC			Chemical Loca	tion			CERS ID	10324351		
racinty Name	26226 Ant	telope Rd, Romoland 92585			waste Sti	nage Pau			Status	Submitted on 1/3	1/2019 3:03 PM	
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S	
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
		Waste Oily Water	Gallons	55	55	55		- Health	Waste Oily Water	5 %	64741-88-4	
Toxic		CAS No	<u>State</u> Liquid Type Waste	Storage Container Steel Drum Days on Site: 365		Pressue Ambient Temperature Ambient	Waste Cod 221	e Carcinogenicity - Health Acute Toxicity				

			Hazardo	ous Materials	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	tion ORAGE PAI	D		CERS ID Facility ID Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard	Н	azardous Component (For mixture only)	S
DOT Code/Fire Haz.	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Su Toxic	bstances	Waste - ABSORBENT AND OIL	Pounds State Solid Type Waste	2250 Storage Container Steel Drum Days on Site: 365	55	1150 Pressue Ambient Temperature Ambient	Waste Code 352	- Health Carcinogenicity - Health Acute Toxicity	USED OIL IN SORBENT	100 %	
DOT: 2.1 - Flamma	ble Gases	UNUSABLE AEROSOL CANS	Pounds State	150 Storage Container Steel Drum	150	110 Pressue Ambient		- Physical Flammable - Physical Gas	UNUSABLE AEROSOL C LIQUID-GAS RESIDUE	ANS WITH 100 %	
Flammable Gas, To	эхіс		Solid <u>Type</u> Waste	Days on Site: 365		Ambient Temperature Ambient	343	Under Pressure - Health Carcinogenicity - Health Acute Toxicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazaro - Health Simple Asphyxiant	1		
DOT: 8 - Corrosive: Solids) Corrosive, Toxic	s (Liquids and	CAS No	Pounds State Solid Type Waste	15 Storage Container Other Days on Site: 365	15	12 Pressue Ambient Temperature Ambient	Waste Code 181	<ul> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health</li> <li>Respiratory Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> </ul>	ALKALINE BATTERIES	100 %	

		Hazardo	ous Materials	And Wastes	s Inventory	/ Matrix	Report			
CERS Business/Org. Inland Facility Name Inland 26226 Au	Empire Energy Center, LLC Empire Energy Center, LLC Itelope Bd. Romoland 92585			Chemical Loca	tion ORAGE PAD	D		CERS ID Facility ID Status	<b>10324351</b>	1/2019 3:03 PM
				Quantities		Annual Waste	Federal Hazard	ŀ	lazardous Component: (For mixture only)	s
DOT Code/Fire Haz. Class DOT: 8 - Corrosives (Liquids a Solids) Corrosive	nd WASTE CORROSIVE LIQUIDS CAS No	Unit Pounds State Liquid Type Waste	Max. Daily s 10 <u>Storage Container</u> Steel Drum Days on Site: 365	10	Avg. Daily 5 Pressue Ambient Temperature Ambient	Amount Waste Code 551	Categories - Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A, Flammable Liquid, Class I-B, Flammable Liquid, Class I-C	WASTE FLAMMABLE LIQUIDS	Pounds State Liquid Type Waste	s 400 <u>Storage Container</u> Steel Drum Days on Site: 365	55	200 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable			
DOT: 6.1 - Toxic Substances Toxic	WASTE FLUORESCENT LAMPS	Pounds State Solid Type Waste	s 20 <u>Storage Container</u> Other Days on Site: 365	10	10 Pressue Ambient Temperature Ambient	Waste Code 181	- Health Acute Toxicity	FLUORESCENT LAMPS	100 %	
DOT: 8 - Corrosives (Liquids a Solids) Corrosive, Toxic	nd WASTE BATTERIES, LEAD ACID	Pounds State Solid Type Waste	s 250 Storage Container Other Days on Site: 365	25	50 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health</li> <li>Reproductive</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health</li> <li>Respiratory Skin</li> <li>Sensitization</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> <li>Health Specific</li> <li>Target Organ</li> <li>Toxicity</li> </ul>	WASTE BATTERIES	100 %	

			Hazardo	ous Materials	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	Inland Emp	ire Energy Center, LLC			Chemical Loca	ntion			CERS ID	10324351	
Facility Name	Inland Emp	ire Energy Center, LLC			WASTE ST	ORAGE PAI	2		Facility II	D	
:	26226 Antelop	e Rd, Romoland 92585							Status	Submitted on 1/3	1/2019 3:03 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	:s
DOT Code/Fire Haz. Cla	ass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable	and	WASTE PAINTS	Gallons	s 100	5	50		- Physical			
Combustible Liquids	5	CAS No	State	Storage Container		Pressue		Flammable			
Flammable Liquid. C	lass I-A.		Liquid	Can		Ambient	Waste Code	- Health			
Toxic	,		Туре			Temperature		Carcinogenicity			
			Waste	Days on Site: 365		Ambient		- Health Acute			
								- Health			
								Reproductive			
								Toxicity			
								- Health Skin			
								Corrosion			
								Irritation			
								- Health			
								Respiratory Skin			
								- Health Serious			
								Eve Damage Eve			
								Irritation			
								- Health Specific			
								Target Organ			
								Toxicity			
DOT: 6.1 - Toxic Sub	stances	USED OIL	Gallons	605	55	440		- Health	OIL	50 %	64741-88-4
		CAS No	State	Storage Container		Pressue	Waste Code	Carcinogenicity			
Toxic		NA	Liquid	Steel Drum		Ambient	221	- Health Acute			
			Туре			Temperature		Hoalth			
			Waste	Days on Site: 365		Ambient		Reproductive			
								Toxicity			
								- Health Skin			
								Corrosion			
								Irritation			
								- Health			
								Respiratory Skin			
								Sensitization			
								- Health Serious			
								Lye Damage Eye			
								- Health Specific			
								Target Organ			
								Toxicity			

	Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy pire Energy ope Rd, Romol	<pre>/ Center, LLC / Center, LLC and 92585</pre>			Chemical Loca	ation REATMENT	AND COO	LING TOWER	CERS ID Facility ID Status	<b>10324351</b> Submitted on 1/3:	1/2019 3:03 PM
DOT Code/Fire Haz. (	lass	Common Nam	ie	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	F Component Name	Hazardous Component (For mixture only) % Wt	s EHS CAS No.
DOT: 8 - Corrosives Solids) Corrosive, Toxic	(Liquids and	SULFURIC CAS No	ACID (93%)	Pounds State Liquid Type Mixture	<b>183600</b> Storage Container Aboveground Tank Days on Site: 365	91800	153000 Pressue Ambient Temperature Ambient	Waste Code	<ul> <li>Physical Oxidizer</li> <li>Physical</li> <li>Corrosive To</li> <li>Metal</li> <li>Health Acute</li> <li>Toxicity</li> <li>Health Skin</li> <li>Corrosion</li> <li>Irritation</li> <li>Health Serious</li> <li>Eye Damage Eye</li> <li>Irritation</li> </ul>	r SULFURIC ACID DIMETHYL ETHER METHYL SULFURIC ACI METHYL CHLORIDE	85 % 15 % ID 3 % 2 %	7664-93-9 115-10-6 75-93-4 74-87-3

			Hazardo	us Materials A	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name	Inland Em Inland Em	pire Energy Center, LLC pire Energy Center, LLC			Chemical Loca	tion REATMENT	BUILDING	i	CERS ID 1032435 Facility ID	1	
-	26226 Antelo	pe Rd, Romoland 92585							Status Submitted	on 1/31	/2019 3:03 PM
					Quantitias		Annual	Federal Herend	Hazardous Cor (For mixtur	nponents	
DOT Code/Fire Haz. Cl	ass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives	(Liquids and	SPECTRUS NX1100	Gallons	550	550	275		- Physical	2-BROMO-2-NITROPROPANE-1,3-	10 %	52-51-7
Solids)		CAS No	State	Storage Container		Pressue		Corrosive To	DIOL	7.0/	10077 (0.0
Correcive Toxic			Liquid	Aboveground Tank		Ambient	Waste Code	_ IVIETAI	MAGNESIUM NITRATE	7% 5%	26172-55-4
Corrosive, Toxic			Туре	D 011 0.05		Temperature		Toxicity	ISOTHIAZOLIN-3-ONE	J /0	20172-33-4
			wixture	Days on Site: 365		Amplent		- Health Skin	MAGNESIUM CHLORIDE	5 %	7786-30-3
								Corrosion			
								Irritation			
								- Health Serious			
								Lye Damage Lye			
DOT: 8 - Corrosives	(Liquids and	BIOMATE MBC2881	Gallons	550	550	400		- Physical	2,2-DIBROMO-3-	40 %	10222-01-2
Solids)			State	Storage Container		Pressue		Corrosive To	NITRILOPROPIONAMIDE		
		CASINO	Liquid	Aboveground Tank	, Tote Bin	Ambient	Waste Code	Metal	SODIUM BROMIDE	7%	7647-15-6
Corrosive, Toxic			Туре			Temperature		- Health Acute		2%	3252-43-5
			Mixture	Days on Site: 365		Ambient		- Health		2 70	1115-55-9
								Reproductive	2,2-DIBROMOPROPOANEDIAMIDE	2 %	73003-80-2
								Toxicity			
								- Health Skin			
								Corrosion			
								Irritation			
								Respiratory Skin			
								Sensitization			
								- Health Serious			
								Eye Damage Eye			
								Irritation			
								Target Organ			
								Toxicity			
DOT: 8 - Corrosives	(Liquids and	KLEEN MCT 103	Gallons	700	350	350		- Health	NITRILOTRIACETIC ACID,	1%	5064-31-3
Solids)		CAS No	State	Storage Container		Pressue		Carcinogenicity	TRISODIUM SALT		
			Liquid	Other		Ambient	Waste Code	Health		40 %	139-89-9
Toxic, Corrosive			Туре			Temperature		Toxicity	GLYCOLIC ACID	40 %	79-14-1
			Mixture	Days on Site: 365		Ambient		- Health Skin	PHOSPHORIC ACID	13 %	7664-38-2
								Corrosion			
								Irritation			
								- Health Serious			
								Eye Damage Eye			
								- Health Specific			
								Target Organ			
								Toxicity			

			Hazardo	ous Materials	And Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Facility Name	Inland Em Inland Em 26226 Antelo	pire Energy Center, LLC pire Energy Center, LLC ope Rd, Romoland 92585			Chemical Loca	ation REATMENT	BUILDING		CERS ID Facility ID Status	<b>10324351</b> Submitted on 1/3	1/2019 3:03 PM
DOT Code/Fire Haz. DOT: 8 - Corrosive Solids) Corrosive	Class s (Liquids and	Common Name HYDROCHLORIC ACID, 20% CAS No	Unit Gallons State Liquid Type Mixture	Max. Daily 5 110 Storage Container Plastic/Non-metal Days on Site: 365	Quantities Largest Cont. 55  ic Drum	Avg. Daily 55 Pressue Ambient Temperature Ambient	Annual Waste Amount Waste Code	Federal Hazard Categories - Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious	H Component Name HYDROGEN CHLORIDE	azardous Componeni (For mixture only) % Wt 10 %	EHS CAS No. 7647-01-0
		HYPERSPERSE MSI310 CAS No	Gallons State Liquid Type Mixture	<b>5 550</b> Storage Container Aboveground Tank Days on Site: 365	<b>550</b>	400 Pressue Ambient Temperature Ambient	Waste Code	Eye Damage Eye Irritation - Health Skin Corrosion "Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			



Tank ID#	Description	Volume (gallons)	Oil Type	Containment Capacity (gallons)
1	UNIT #1 LUBE OIL SKID	15,478	Lube Oil	17,477
2	UNIT #1 HPU SKID	400	Lube Oil	17,477
3	UNIT #1 EXCITATION TRANSFORMER	731	Electric Oil	13,636
4	LCI TRANSFORMER	2,059	Electric Oil	14,407
5	UNIT #1 AUX TRANSFORMER	9,068	Electric Oil	27,820
6	UNIT #1 STEP-UP TRANSFORMER	40,184	Electric Oil	48,160
7	UNIT #1 EMERGENCY DIESEL GENERATOR	3,500	Diesel	Double-walled
8	UNIT #1 AUX SUBSTATION A,B and ESS BUS TRANSFORMER	371 (each)	Electric Oil	5,824 (each)
9	UNIT #1 BOILER FEEDWATER PUMPS 2 EACH	150 (each)	Lube Oil	1,226
10	UNIT #2 LUBE OIL SKID	15,478	Lube Oil	17,477
(11)	UNIT #2 HPU SKID	400	Lube Oil	17,477
(12)	UNIT #2 EXCITATION TRANSFORMER	731	Electric Oil	13,636
(13)	UNIT #2 AUX TRANSFORMER	9,068	Electric Oil	27,820
(14)	UNIT #2 STEP-UP TRANSFORMER	34,946	Electric Oil	48,160
15	UNIT #2 EMERGENCY DIESEL GENERATOR	3,500	Diesel	Double-walled
(16)	UNIT #2 AUX SUBSTATION A,B and ESS BUS TRANSFORMER	371 (each)	Electric Oil	5,824 (each)
17	UNIT #2 BOILER FEEDWATER PUMPS 2 EACH	150 (each)	Lube Oil	1,226
(18)	DIESEL FIREWATER PUMP	360	Diesel	Double-walled
(19)	WATER TREATMENT SUBSTATION A and B BUS TRANSFORMER	371 (each)	Electric Oil	9,190
20	UNIT #2 COOLING TOWER AUX SUBSTATION A and B BUS TRANSFORMER	371 (each)	Electric Oil	13,628
21	OIL WATER SEPARATOR (Not subject to SPCC rule)	1,200	Oily Water	1,200
22	UNIT #1 COOLING TOWER AUX SUBSTATION A and B	371 (each)	Electric Oil	13,628
23	UNIT #1 FUEL GAS DRAIN TANK (1FG-T-01A)	500	Waste Oil	648
24	UNIT #2 FUEL GAS DRAIN TANK (2FG-T-01A)	500	Waste Oil	648
25	"A" GAS COMPRESSOR DRAIN TANK (9-FG-T-01A)	500	Waste Oil	648
26	"B" GAS COMPRESSOR DRAIN TANK (9-FG-T-01B)	500	Waste Oil	648
27	FUEL GAS RECEPTION DRAIN TANK (9-FG-T-02A)	1,000	Waste Oil	3,694
28	HAZMAT STORAGE AREA DIESEL TANK	440	Diesel	Double-walled
29	HAZMAT STORAGE AREA USED OIL TANK	220	Used Oil	Double-walled



Plant North							
SPCC Inland Empire 26226 Ante Menifee, 0	PLAN Energy Center elope Road California						
By: jbd Date: 12/09/2013	Project No. 778190055						
amec	Figure 2						

CONSC	CALIFOR	NIA ENVIRO	NMENTA NGW D	L REPORTING S	SYSTEM (C	CERS)		
Prior to con	<b>JLIDATED</b> mpleting this Plan, plec	ENLERGE	INCY R	ESPOINSE 7 ( FOR COMPLETING A	CONTII CONSOLIDAT	NGEN ED CONI	NCY PLAIN	
	A. FACILITY	IDENTIFIC	CATION	AND OPERA	FIONS O	VERV	IEW	
FACILITY ID# FA	002-5	4 5 0	A1. CERS	SID# A2	DATE OF	PLAN PR YYYY)	EPARATION/REVISIO 03/08/2018	N A
BUSINESS NAME (Same as	s Facility Name or DB	4 - Doing Business	As)					A
DISINESS SITE ADDRESS								Ă
26226 Antelope Road	1							
BUSINESS SITE CITY Menifee				A6.	СА	ZIP CO 9258	DE 5	A
TYPE OF BUSINESS (e.g., I Electrical Generation	Painting Contractor)		A8.	INCIDENTAL OPER	ATIONS (e.g.,	, Fleet Ma	intenance)	A
THIS PLAN COVERS CHE	MICAL SPILLS, FIRE	S, AND EARTHQ	UAKES INV	L DLVING (Check all tha	t apply):			A
I. HAZARDOUS MATE	ERIALS; 🔳 2. HAZA	RDOUS WASTES	3					
		B. IN	TERNAI	RESPONSE	n na stationa de la seconda de la second La seconda de la seconda de			: .
INTERNAL FACILITY EME 1. CALLING PUBLIC EM 2. CALLING HAZARDO	ERGENCY RESPONSI MERGENCY RESPON DUS WASTE CONTRA	E WILL OCCUR I IDERS (e.g., 9-1-1) ACTOR	3Y (Check all )	that apply):	·			BI
C EMER	GENCY COM	MUNICAT	IONS, PI	TONE NUMBE	ERS AND	NOTI	FICATIONS	5 a 4 <sup>1</sup>
In the event of an emergency i	involving hazardous ma	aterials and/or haza	rdous waste, a	Il facilities must IMME	DIATELY:	non	FICATIONS	
<ol> <li>Notify facility personnel and</li> <li>Notify local emergency resp</li> <li>Notify the local Unified Pro</li> <li>Notify the State Warning C</li> </ol>	d evacuate if necessary ponders by calling 9-1- ogram Agency (UPA) a Center at (800) 852-7550	in accordance with 1; it the phone numbe ).	n the Emergen r below; and	cy Action Plan (Title 8	California Cod	e of Regul	ations §3220);	
<ol> <li>Title 22 California Code of</li> <li>Title 22 California Code of</li> <li>Title 40 Code of Federal Re</li> <li>Title 22 California Code of hazardous waste in any cale</li> </ol>	Regulations §66265.56 Regulations §66265.19 egulations §302.6. Notif Regulations §66262.3 endar month.	<ol> <li>Emergency Proceed B6. Response to Less fication requirement 4(d)(2) and Title 4</li> </ol>	edures for gen aks or Spills a its for a releas 0 Code of Fe	erators of 1,000 kilogra nd Disposition of Leaki e of a hazardous substa deral Regulations §262.	ms or more of h ng or Unfit-for- nce equal to or .34(d)(5)(ii) for	nazardous Use Tank greater tha generator	waste in any calendar mo Systems. In the reportable quantity. Is of less than 1000 kilog	nth, rams o
Following notification and bel and the local fire department's 1. Provide for proper storage a the facility; and 2. Ensure that no material that procedures are completed	fore facility operations hazardous materials pr and disposal of recover is incompatible with th	are resumed in are ogram, if necessar ed waste, contamin e released material	as of the facili y, that the faci ated soil or su is transferred,	ty affected by the incide lity is in compliance wi rface water, or any othe stored, or disposed of i	ent, the Emerge th requirements or material that n areas of the fa	ency Coord to: results from acility affe	linator shall notify the loc m an explosion, fire, or re cted by the incident until	al UPA lease a cleanup
	AMDULI ANCE EL		CUD				011	
PHONE NUMBERS:	CALIEORNIA STA	TE WARNING CI	ENTER (CSW				(800) 852-7550	
	NATIONAL RESPO	ILE WARDER OF	IRC)	C)/C/IL 010			(800) 424-8802	
	POISON CONTROL	CENTER					(800) 222-1222	
	101001,001(11(0)							
	LOCAL UNIFIED P	PROGRAM AGEN	СҮ (ПРА)				(951) / 66-6524	C1.
	LOCAL UNIFIED F	PROGRAM AGEN	<u>CY (UPA)</u>	· · · · · · · · · · · · · · · · · · ·	·····	C2.	(951) 766-6524	C1. C3.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI	PROGRAM AGEN ME: Rancho S	<u>CY (UPA)</u> Springs Me	dical Hospital		C2.	(951) 766-6524	C1. C3. C5.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAN HONE NUMBERS:	ROGRAM AGEN ME: Rancho S	CY (UPA) Springs Me	dical Hospital	ONTROL (DTS	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545	C1. C3. C5.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA	CY (UPA)	dical Hospital xic substances co ty control boar	ONTROL (DTS D (RWQCB)	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777	C1. C3. C5. C6.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA U.S. ENVIRON	CY (UPA) Springs Me DEPT. OF TO ATER QUALI MENTAL PR	dical Hospital xic substances co ty control boar otection agency	ONTROL (DTS D (RWQCB) (US EPA)	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193	C1. C3. C5. C6.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL W U.S. ENVIRON CALIFORNIA I	CY (UPA) Springs Me DEPT. OF TO ATER QUALI MENTAL PR DEPT. OF FIS	dical Hospital xic substances co ty control boar otection agency h and wildlife (c	ONTROL (DTS D (RWQCB) (US EPA) DFW)	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193 (916) 358-2900	C1. C3. C5.
VEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA U.S. ENVIRON CALIFORNIA I U.S. COAST GU	CY (UPA) Springs Me DEPT. OF TO ATER QUALI MENTAL PR DEPT, OF FIS JARD (USCG	dical Hospital xic substances co ty control boar otection agency h and wildlife (c	ONTROL (DTS D (RWQCB) (US EPA) DFW)	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193 (916) 358-2900 (202) 267-2180	C1. C3. C5. C6.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA U.S. ENVIRON CALIFORNIA I U.S. COAST GU CAL OSHA	CY (UPA) Springs Me DEPT. OF TO ATER QUALI MENTAL PR DEPT. OF FIS JARD (USCG	dical Hospital xic substances co ty control boar otection agency H and wildlife (C	ONTROL (DTS D (RWQCB) (US EPA) DFW)	C2. C4.	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193 (916) 358-2900 (202) 267-2180 (916) 263-2800	C1. C3. C5.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA U.S. ENVIRON CALIFORNIA I U.S. COAST GU CAL OSHA CAL FIRE OFF.	CY (UPA) Springs Me DEPT. OF TO ATER QUALI MENTAL PR DEPT. OF FIS JARD (USCG	dical Hospital xic substances of ty control boar otection agency H and wildlife (C	ONTROL (DTS D (RWQCB) (US EPA) DFW) AL (OSFM)	C2. C4. SC)	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193 (916) 358-2900 (202) 267-2180 (916) 263-2800 (916) 323-7390	C1. C3. C5.
NEAREST MEDICAL FACIL	LOCAL UNIFIED F OTHER (Specify): ITY / HOSPITAL NAI HONE NUMBERS:	ROGRAM AGEN ME: Rancho S CALIFORNIA I REGIONAL WA U.S. ENVIRON CALIFORNIA I U.S. COAST GU CAL OSHA CAL FIRE OFF. OTHER (Specifi	CY (UPA) prings Me DEPT. OF TO ATER QUALI MENTAL PR DEPT. OF FIS JARD (USCG ICE OF THE : y):	dical Hospital xic substances co ty control boar otection agency h and wildlife (c ;) state fire marsh	ONTROL (DTS D (RWQCB) (US EPA) DFW) AL (OSFM)	C2. C4. SC)	(951) 766-6524 (951) 600-9070 (916) 255-3545 (951) 928-3777 (800) 300-2193 (916) 358-2900 (202) 267-2180 (916) 263-2800 (916) 323-7390	C1. C3. C5. C6.

INTERNAL FACILITY EMERGENCY	COMMUNICATIONS OR ALARM NOTIF	ICATION WILL OCCU	JR BY (Check al	l that apply):		C11.
1. VERBAL WARNINGS;	2. PUBLIC ADDRESS OR INTERC	OM SYSTEM;	🗌 3. TELEPI	ione;		
4. PAGERS;	5. ALARM SYSTEM;		6. PORTAL	BLE RADIO		
NOTIFICATIONS TO NEIGHBORING I	FACILITIES THAT MAY BE AFFECTED	BY AN OFF-SITE REL	EASE WILL O	CCUR BY (Check	all that apply):	C12.
I. VERBAL WARNINGS;	2. PUBLIC ADDRESS OR INTERC	OM SYSTEM;	■ 3. TELEPH	IONE;		
4. PAGERS;	5. ALARM SYSTEM;		6. PORTAL	BLE RADIO		
EMERGENCY COORDINATOR CONTA	ACT INFORMATION: 951 928-5940 or	951 928-5942				C13.
PRIMARY EMERGENCY COORDINAT	OR NAME: Shift Supervisor	PHONE NO.: (95	1) 928-5940	PHONE NO .:	(951) 928-59	942
ALTERNATE EMERGENCY COORDIN	ATOR NAME:	PHONE NO .:		PHONE NO .:		
Check if additional Emergency Coordi	nator contact and address information is ava	ilable onsite or by callin	g PHONE NO.	:		
Note: If more than one alternate emergence	cy coordinator is designated, attach a list in	order of responsibility.		PDUDEC		
D. EMER	GENCY CONTAINIVIEN	AND CLEAN	UP PROCI	EDURES		·. ·
Check the applicable boxes to indicate you	r facility's procedures for containing spills	and preventing and mitig	gating releases, fi	res and/or explosit	ons.	Dl.
■ 1. MONITOR FOR LEAKS, RUPTU	RES, PRESSURE BUILD-UP, ETC.;					
2. PROVIDE STRUCTURAL PHYSI	CAL BARRIERS (e.g., Portable spill conta	inment walls, built-in bei	rms);			
3. PROVIDE ABSORBENT PHYSIC	AL BARRIERS (e.g., Pads, spill pigs, spill	pillows);				
☐ 4. COVER OR BLOCK FLOOR AND	D/OR STORM DRAINS;					
5. LINED TRENCH DRAINS AND/C	OR SUMPS;					
■ 6. AUTOMATIC FIRE SUPPRESSIC	N SYSTEM;					
7. ELIMINATE SOURCES OF IGNI	TION FOR FLAMMABLE HAZARDS;					
■ 8. STOP PROCESSES AND/OR OPE	RATIONS;					
9. AUTOMATIC / ELECTRONIC EC	UIPMENT SHU'T-OFF SYSTEM;					
10. SHUT OFF WATER, GAS, ELECT	RICAL UTILITIES:					
11. CALL 9-1-1 FOR PUBLIC EMER	GENCY RESPONDER ASSISTANCE ANI	D/OR MEDICAL AID;				
12 NOTIFY AND EVACUATE PERS	ONS IN ALL THREATENED AND/OR IN	PACTED AREAS:				
I 13 ACCOUNT FOR EVACUATED P	ERSONS IMMEDIATELY AFTER EVAC	UATION:				
	FINT FOR ON-SITE FMERGENCY RES	PONSE TEAM				
I 15 REMOVE CONTAINERS AND/O	R ISOLATE AREAS	S1,				
F 14 HIDE LICENSED UA7ADDOLIS	VASTE CONTRACTOR					
I 10. HIKE LICENSED HAZARDOUS	OD SDILL CONTAINMENT					
17. USE ABSORBENT MATERIAL P	ROPRIATE VACIJIM (e.g. Intrinsically s	afe) FOR SPILL CONT	ROL AND/OR C	LEANUP:		
$\Box$ 10. VACODIM SOCIION USING ALL	AND EOUBMENT WITHIN DESIGNAT	TED AREA AND DISP	NE OF WASTE	WATER AS HAZ	ARDOUS WAS	TE
20 PROVIDE SAFE TEMPORARY S	FORAGE OF HAZARDOUS WASTE GEN	JERATED DURING EN	IERGENCY AC	TIONS:	210000 1115	, i 1,
[] 21 OTHER (Specify):				;		D2.
	E. FACILITY E	VACUATION				
THE FOLLOWING ALARM SIGNAL(S)	WILL BE USED TO BEGIN EVACUATION	ON OF THE FACILITY	(Check all that a	pply):		EI, RD
1. BELLS;						122.
2. HORNS/SIKENS;						
☐ 5. VERDAL (i.e., Shouting),						
THE FOLLOWING LOCATION(S) WILL	BE USED FOR AN EMERGENCY ASSE	MBLY AREA(S) (e.g., )	Parking lot, stree	t corner):		E3.
The FOLLO WING COCK HON(S) WILL						
Parking Lot in front of Admin building						
Note: The Emergency Coordinator must ac	count for all onsite employees and visitors a	fter evacuation.				FA
EVACUATION ROUTE S AND ALTERN	IATE EVACUATION ROUTES ARE DES	CRIBED AS FOLLOWS	S:			L4.
	BING DOLTES EXITS AND ASSEMBL	V AREAS.				
YACHATION MAP(S) DEPICTIN	G ROUTES EXITS AND ASSEMBLY A	REAS:				
□ 3 OTHER (Specify)	G ROOTES, EATIS, THE RESEARES TH				E5.	
S. OTHER (Speerly).						
Note: Evacuation procedures and/or maps s	hould be posted in visible facility locations	and must be included in	the Contingency	Plan.		
<b>F.</b>	ARRANGEMENTS FOR I	EMERGENCY :	SERVICE	S		
ADVANCE ARRANGEMENTS FOR LOG	CAL EMERGENCY SERVICES (Check on	e of the following):				F1.
I HAVE BEEN DETERMINED NOT						
had a start build build and the build be build b	NECESSARY:					
2 THE FOLLOWING ARRANGEME	'NECESSARY; NTS HAVE BEEN MADE (Specify) <sup>,</sup>					F2.
□ 2. THE FOLLOWING ARRANGEME	'NECESSARY; NTS HAVE BEEN MADE (Specify):					F2.

Note: Advance arrangements with local fire and police departments, hospitals, state and local emergency response teams, and/or emergency services contractors should be made for your facility, if necessary. Large Quantity Generators must describe arrangements in the Contingency Plan.

	G. EMER	GENCY EQUIPMENT	
Check the a	applicable boxes to list emergency response equipment avai 's capability, if applicable.	ilable at the facility, identify the location(s) v	where the equipment is kept, and indicate the
TYPE	EQUIPMENT AVAILABLE GI.	LOCATION G2.	CAPABILITY G3.
EXAMPLE	CHEMICAL PROTECTIVE GLOVES	SPILL RESPONSE KIT	SINGLE USE, OIL RESISTANT ONLY
Safety	1. CHEMICAL PROTECTIVE SUITS, APRONS, AND/OR VESTS	Chemical storage areas Warehouse	Various
First Aid	2. CHEMICAL PROTECTIVE GLOVES	Chemical storage areas Warehouse	Various
	3. CHEMICAL PROTECTIVE BOOTS		10-2010-0-10-10-10-10-10-10-10-10-10-10-10-1
1	<ol> <li>SAFETY GLASSES, GOGGLES, AND FACE SHIELDS</li> </ol>	Chemical storage areas Warehouse	Various
	5. 🔳 HARD HATS	Warehouse	
	6. AIR-PURIFYING RESPIRATORS	Warehouse	Ammonia
	<li>7. SELF-CONTAINED BREATHING APPARATUS (SCBA)</li>		
	8. 🔳 FIRST AID KITS	Admin and Maintenance Shop	
	9. PLUMBED EYEWASH FOUNTAIN AND/OR SHOWER	Throughout facility	
	10. PORTABLE EYEWASH KITS AND/OR STATION	Haz Waste Area and Aux Boiler	
	11. 🗋 OTHER		
Fire	12.  PORTABLE FIRE EXTINGUISHERS	Throughout facility	
Fignting	11.       OTHER         12.       PORTABLE FIRE EXTINGUISHERS         13.       FIXED FIRE SUPPRESSION SYSTEMS AND/ OR SPRINKLERS         14.       FIRE ALARM BOXES         Throughout facility		
	14. I FIRE ALARM BOXES	Throughout facility	
	15. 🔲 OTHER		AANJAANNA AANJAANNA
Spill	16. 💽 ALL-IN-ONE SPILL KIT	Throughout facility	· · · · · · · · · · · · · · · · · · ·
Fighting       Immuglication         13. Image: Fixed Fire Suppression SYSTEMS AND/ OR SPRINKLERS       Throughout facility         14. Image: Fire ALARM BOXES       Throughout facility         15. Image: OTHER       OTHER         Spill       16. Image: ALL-IN-ONE SPILL KIT         Control and       17. Image: ABSORBENT MATERIAL         17. Image: ABSORBENT MATERIAL       Throughout facility         18. Image: CONTAINER FOR USED ABSORBENT       Throughout facility			
Clean-Up	18.  CONTAINER FOR USED ABSORBENT	Throughout facility	
	19.  BERM AND/OR DIKING EQUIPMENT	Throughout facility	
	20. 🔳 BROOM	Throughout facility	·
	21. SHOVEL	Throughout facility	
	22. 🗌 VACUUM		
	23. 🗌 EXHAUST HOOD		
	24. 🔳 SUMP AND/OR HOLDING TANK	Throughout facility	
	25. CHEMICAL NEUTRALIZERS		
	26. 🔲 GAS CYLINDER LEAK REPAIR KIT		
	27.  SPILL OVERPACK DRUMS	Haz Waste Area	
	28. 🗋 OTHER		
Communi-	29. I TELEPHONES (e.g., Cellular)	Admin and Maintenance Are	·····
cations and	30. INTERCOM AND/OR PA SYSTEM	Throughout facility	
Alarm Systems	31.  PORTABLE RADIOS	Shift Supervisor Office	
Ť	32. AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	Throughout facility	
Other	33. 🗋 OTHER		
	34. OTHER		

H. EARTHQUAKE VUL	NERABILITY
Identify areas of the facility that are vulnerable to hazardous materials releases due to seismic	motion. These areas require immediate isolation and inspection.
VULNERABLE AREAS (Check all that apply): H1.	LOCATIONS (e.g., Shop, outdoor shed, lab): H2.
■ 1, HAZARDOUS MATERIALS AND/OR WASTE STORAGE AREAS	NE corner of Facility
2. PROCESS LINES AND PIPING	Throughout facility
3. LABORATORY	Water Treatment Building
4 WASTE TREATMENT AREA	
Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. T	hese systems require immediate isolation and inspection.
VULNERABLE SYSTEMS AND/OR EQUIPMENT (Check all that apply):	LUCATIONS:
1. SHELVES, CABINETS AND/OR RACKS	Throughout facility
2. TANKS AND SHUT-OFF VALVES	
3. PORTABLE GAS CYLINDERS	
4. EMERGENCY SHUT-OFF AND/OR UTILITY VALVES	
5. SPRINKLER SYSTEMS	
6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane tank)	
I. EMPLOYEE TRA	AINING
Employee training is required for all employees and/or contractors handling hazardous materia	als and/or hazardous wastes during normal and/or emergency operations.
Most facilities will need to submit a separate Training Plan. However, your CUPA may accept	t this section as the Training rian for some small facilities.
Emproyee training plans may include the following content:	Communication and clarm systems
Applicable laws and regulations;	Communication and alarm systems;
Emergency response plans and procedures;	reisonal protective equipment, Use and maintenance of emergency response equipment and supplies
Salety Data Sheets;     Jacob Anterior related to health and safety:	$f(\alpha, \beta)$ for extinguishers, respirators, spill control materials):
Hazard communication related to realth and safety,     Matheda for refe handling of hegardeus substances:	Decontamination procedures:
<ul> <li>Methods for sale nationing of nazardous substances,</li> <li>Hazardo of materials and processes (e.g., fire, evaluation, asphyviation);</li> </ul>	Evacuation procedures and evacuation staging locations;
<ul> <li>Hazard mitigation prevention and abalement procedures:</li> </ul>	Identification of facility areas, equipment, and systems vulnerable to
Coordination of emergency response actions:	earthquakes and other natural disasters.
Notification procedures for local emergency responders, CUPA,	O'THER (Specific):
Cal OES, and onsite personnel;	OTHER (Specify).
Check the applicable hoxes below to indicate how the employee training program is administe	red.
I FORMAL CLASSROOM IZ. VIDEOS IJ, SAFEI I MEET	
5. OTHER (Specify): Online courses	
6. NOT APPLICABLE SINCE FACILITY HAS NO EMPLOYEES	ED TO CEDE AS A DDE DOCUMENT $[3,$
1 17. CHECK IF A SEPARATE EMPLOYEE TRAINING PLAN IS USED AND UPLOAD	CONTENT AND OTHER DOCUMENTS ONSITE I4.
EMPLOYEE TRAINING PREQUENCY AND RECORD KEEPING TRAINING MUST	RE:
• Provided initially for new employees as soon as possible following the date of hire. Net	w employees should not work in an unsupervised position that involves
hazardous materials handling and/or hazardous waste management without proper training;	
· Provided within six months from the date of hire for new employees at a large quantity gene	erator;
Ongoing and provided at least annually;	
<ul> <li>Amended prior to a change in process or work assignment;</li> </ul>	
<ul> <li>Given upon modification to the Emergency Response/Contingency Plan.</li> </ul>	
Large Quantity Generator Training: Large quantity generators (1.000 kg or more) must reta	in written plan and documentation of employce training which includes:
• A written description of the type and amount of both initial and ongoing training that will be gi	ven to persons filling each job position having responsibility for hazardous
waste management and/or emergency response.	
• The name, job title and job description for each position at the facility related to hazardous	waste management.
· Current employee training records must be retained until closure of the facility and former	employee training records must be retained for at least three years after
termination of employment.	
Small Quantity Generator Training: Small quantity generators (less than 1.000 kg) mus	t include basic hazardous waste management and emergency response
procedures but a written employee training plan and training records are not required. In order	er to show that the facility has met the small quantity generator employee
training requirement, an employee training plan and training records may be made available.	
Warnulous Mataniala Rusiness Plan Training: Rusinesses must provide initial and annual et	unloyee training that includes the content referenced above. The training
may be based on the job position and training records must be made available for a period of al	least three years.
I may be based on any job position and advante received made to made a submore for a position of a	
	MINTO
J. LIST OF ATTACE	
Check one of the following:	JI.
I I. NO ATTACHMENTS ARE REQUIRED; or	J2.
L 2. THE FOLLOWING DOCUMENTS ARE ATTACHED.	



## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

#### **RTC Transfer Confirmation** SCAQMD RECLAIM ADMINISTRATION P.O. BOX 4830, DIAMOND BAR CA 91765-0830

SELLER ID: 700126

This letter is to confirm that the South Coast Air Quality Management District (AQMD) has received RTC trading information to comply with Rule 2007-Trading Requirements. The following summarizes your company information and the registration information that you and your trading partner specified in Form 2007-2. The transactions have been recorded and the RTC Listing was updated.

Registration No: 13795

Recording Date: 6/26/18 **Pollutant: NOX** 

#### **TRANSFER FROM:**

Facility ID: 700126 Signing Representative: Francisco Escobedo Mailing Address: 1 RIVER RD

Company Name: GENERAL ELECTRIC COMPANY SCHENECTADY, NY 12345**TRANSFER TO:** 

INLAND EMPIRE ENERGY CENTER, LLC 129816 Francisco Escobedo 26226 ANTELOPE ROAD MENIFEE, CA 92585-

Ter	ms of RTC 7	Fransferred	Original	Quantity	<b>Unit Price</b>	Use	Generation	Generation A	Account	Origin of
Cycle	From Compliance Year (*)	To Compliance Year (*)	Zone	(lb/yr)	(\$/lb)	Code	Code	Source	Credits	
2	6/30/2019	Single Year Trade	COASTAL	10,624	0.0000	01	NA	В	REGXX	
2	6/30/2019	Single Year Trade	INLAND	71,396	0.0000	01	NA	В	REGXX	
1	12/31/2019	Single Year Trade	COASTAL	82,983	0.0000	01	NA	В	REGXX	
1	12/31/2019	Single Year Trade	INLAND	30,135	0.0000	01	NA	В	REGXX	

(\*) RTC Expiration Date

**Approved By:** 

AMIR DEJBAKHSH (Signature) Assistant Deputy Executive Officer Engineering & Permitting

**Code Description :** 

Use Code (01): Increase RTC Allocation account balance to satisfy annual compliance Generation Code (NA): Not Applicable

Account Source ( B ): Certificate



April 18, 2017

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

# SUBJECT: Eastern Municipal Water District (EMWD) January 2017 to March 2017 (First Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from January through March 2017. No raw water from local groundwater wells were supplied to the recycled water system during the first quarter of 2017. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the first quarter of 2017 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

Mr. Escobedo April 18, 2017 Page Two

Information	Units	January	February	March
RWRFs Production	AF	4079.41	3690.64	4019.48
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	4079.41	3690.64	4019.48
IEEC Usage	AF	4.91	2.97	2.44
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.12%	0.08%	0.06%

#### **Recycled Water System Summary**

Should you have any questions, please contact Doug Edwards at (951) 928-377 extension 4511, or e-mail at <u>edwardsd@emwd.org</u>.

Sincerely,

Jayne E. Joy, P.E. Director of Environmental and Regulatory Compliance

JS/DE:tlg

c: Kevin Omland, EMWD Records Management



July 16, 2018

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

# SUBJECT: Eastern Municipal Water District (EMWD) April 2018 to June 2018 (Second Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from April through June 2018. No raw water from local groundwater wells were supplied to the recycled water system during the second quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the second quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

Board of Directors David J. Slawson, President Ronald W. Sullivan. Vice President Josesph J. Kuebler, CPA, Treasurer Philip E. Paule Randy A. Record

Mr. Escobedo July 16, 2018 Page Two

## **Recycled Water System Summary**

Information	Units	Jan	Feb	Mar
RWRFs Production	AF	3909.98	4007.88	3904.09
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	3909.98	4007.88	3904.09
IEEC Usage	AF	4.54	10.03	5.89
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.12%	0.25%	0.15%

Should you have any questions, please contact Jim Schain at (951) 928-377 extension 6202, or e-mail at <a href="mailto:schainj@emwd.org">schainj@emwd.org</a>.

Sincerely,

Dy Elin

Doug Edwards Manager of Environmental & Regulatory Compliance

JS/DE:tg

c: Kevin Omland, EMWD Records Management



October 17, 2018

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

# SUBJECT: Eastern Municipal Water District (EMWD) July 2018 to September 2018 (Third Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from July through September 2018. No raw water from local groundwater wells were supplied to the recycled water system during the third quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the third quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.

Board of Directors
David J. Slawson, President Ronald W. Sullivan. Vice President Josesph J. Kuebler, CPA, Treasurer Philip E. Paule Randy A. Record

Mr. Escobedo October 17, 2018 Page Two

Information	Units	July	Aug	Sept
RWRFs Production	AF	3,999.31	4,063.53	3,867.67
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water				
Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water				
Augmentation	AF	3,999.31	4,063.53	3,867.67
IEEC Usage	AF	110.59	89.371	44.49
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water				
Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	2.77%	2.12%	1.15%

### **Recycled Water System Summary**

Should you have any questions, please contact Dotty Torres at (951) 928-3777 extension 6221, or e-mail at torresd@emwd.org.

Sincerely,

Dy Elm

Doug Edwards Manager of Environmental & Regulatory Compliance

DT /DE:tg

c: Kevin Omland, EMWD Records Management



January 15, 2019

Mr. Francisco Escobedo Inland Empire Energy Center (IEEC) 26226 Antelope Road Romoland, CA 92585

### SUBJECT: Eastern Municipal Water District (EMWD) October 2018 to December 2018 (Fourth Quarter) Supply Summary for Raw Water into the Recycled Water System

Dear Mr. Escobedo:

Enclosed is a quarterly supply summary for EMWD's Raw Water Augmentation to the Recycled Water System for the months from October through December 2018. No raw water from local groundwater wells were supplied to the recycled water system during the fourth quarter of 2018. Also, no raw water augmentation from State Water Project water or Colorado River water occurred during this quarter.

During the fourth quarter of 2018 no raw water was augmented into EMWD's Recycled Water System, therefore all water received by IEEC this quarter would have been exclusively recycled water.
Mr. Escobedo January 15, 2019 Page Two

Information	Units	October	November	December
RWRFs Production	AF	3,955.41	3768.31	3985.89
Perris Raw Water Augmentation	AF	0	0	0
Trumble Rd. Pond Well Water Augmentation	AF	0	0	0
Sun City Pond Well Water Augmentation	AF	0	0	0
Total RWRF Production & Water Augmentation	AF	3955.41	3768.31	3985.89
IEEC Usage	AF	4.42	3.28	2.72
Perris Raw Water Augmentation	%	0.00	0.00	0.00
Trumble Rd. & Sun City Well Water Augmentation	%	0.00	0.00	0.00
Total Water Augmentation	%	0.00	0.00	0.00
IEEC Usage	%	0.11%	0.09%	0.07%

# **Recycled Water System Summary**

Should you have any questions, please contact Dotty Torres at (951) 928-3777 extension 6221, or e-mail at torresd@emwd.org.

Sincerely,

Vy Elux

Doug Edwards Manager of Environmental & Regulatory Compliance

DT/DE:tg

c: Kevin Omland, EMWD Records Management Attachment 9

COM 13-14 Plan Update

# INLAND EMPIRE ENERGY CENTER, LLC

# COM 13-14: UNPLANNED TEMPORARY/PERMANENT CLOSURE AND ON-SITE CONTINGENCY PLAN

2016

### TABLE OF CONTENTS

1.0	PURPOSE 2	di kata	n ef
2.0	SCOPE		
3.0	RESPONSIBILITIES	a shiya a siri. A	an an an an a
4.0	GENERAL		
5.0	INSURANCE AND WARRANTY COVERAGE		
6.0	UNEXPECTED TEMPORARY CLOSURE		
7.0	PERMANENT CLOSURE		

Attachment 1 - List of Chemicals Stored on Site

#### 1.0 PURPOSE

This plan was developed in order to provide an on-site contingency plan in order to ensure that any unexpected closure occurs in such a way that public health, safety, and the environment are protected from adverse impacts. The plan covers written procedures concerning site security, hazardous materials and waste removal, and insurance and warranty coverage. Inland Empire Energy Center personnel will use this plan in the event of an unexpected temporary or unexpected permanent closure of the facility.

The CEC defines "Unexpected Temporary Closure as:

This unplanned closure occurs when the facility is closed suddenly and/or unexpectedly, on a short-term basis, due to unforeseen circumstances such as a natural disaster or an emergency.

Unexpected Permanent Closure is defined as:

This unplanned closure occurs if the project owner closed the facility suddenly and/or unexpectedly, on a permanent basis. This includes unexpected closure where the owner remains accountable for implementing the on-site contingency plan. It can also include unexpected closure where the project owner is unable to implement the contingency plan and the project is essentially abandoned.

#### 2.0 SCOPE

The plan was prepared in accordance with the California Energy Commission's (CEC) Decision, Docket Number 01-AFC-17, COM-13 and COM-14 conditions. This plan vaste are according to the accordance with the california energy conditions and waste a thread of the condition of the co

#### 3.0 **RESPONSIBILITIES**

#### 3.1 PLANT MANAGER

The Plant Manager is responsible for ensuring all provisions of this plan are administered and adhered to.

Name: Ben Kling Office: +1-951-928-5903 Cell: +1-951-326-7818

#### 3.2 DIRECTOR, ASSET MANAGEMENT

The Director of Asset Management is responsible for overseeing the program, and notification to the CEC.

Name: Frank Escobedo Office: +1-951-928-5941 Cell: +1-951-522-2509

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## 4.0 GENERAL

#### **4.1 NOTIFICATION PROCEDURES**

In the event of an unexpected temporary or permanent closure, the Director of Asset Management, or designee, shall notify the CEC's Compliance Project Manager (CPM) and other responsible agencies within 24 hours, and take all necessary steps to implement this Plan. Notification shall be made by telephone, fax, or e-mail (Table 1). The Director of Asset Management, or designee, shall keep the CPM informed of the circumstances and expected duration of the closure.

If it is determined that a temporary closure is likely to be permanent, or for a duration of more than twelve months, a closure plan consistent with CEC requirements for a planned closure shall be developed and submitted to the CPM within 90 days of the CPM's determination (or other period of time mutually agreed to by the owner and the CPM).

#### TABLE 1 AGENCIES TO BE NOTIFIED

California Ene	rgy Commission
Dale Rundquist	Tel: (916) 651-2072
Compliance Project Manager	e-mail: drundquist@energy.state.ca.us
California Energy Commission	
1516 9th St., MS 2000	
Sacramento, CA 95814-5504	
Riversic	le CUPA
County of Riverside	Tel: (951) 766-6524
Department of Environmental Health	Fax: (951) 791-1778
Hazardous Materials Management Division	
800 S. Sanderson Ave. Suite 102	
Hemet, CA 92545	
South Coast Air Quali	ty Management District
Nydia Ibarra	Tel: (909) 396-3043
Air Quality Inspector II	Fax: (909) 396-3841
Engineering & Compliance	e-mail: nibarra@aqmd.gov
21865 Copley Drive	
Diamond Bar, CA 91765	

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Eastern Munic	ipal Water District
Greg Murray 2270 Trumble Road Perris, CA 92572	Tel: (951) 202-0632 email: murrayg@emwd.org
Santa Ana Regional W	ater Quality Control Board
3737 Main Street, Suite 500	Tel: (951) 782-4130
Riverside, CA 92501	Fax: (951) 781-6288
Southern Calife	ornia Gas Company
Centralized Correspondence P.O. Box 3150 San Dimas, CA 91773	Tel: (800) 427-2000
Southern California Edi	son Valley Switching Center
Southern California Edison Company	Tel: (951) 928-5215
Valley Switching Center	Fax: (951) 928-8840
26125 Menifee Rd.	
Romoland, CA 92585	
C	
Real Time Desk 250 Outcropping Way Folsom, CA 95763	Tel: (916) 357-2488
(	CPUC
California Public Utilities Commission Emergency Reporting 505 Van Ness Avenue San Francisco, CA 94102	Tel: 415-335-5503
California Ai	r Resources Board
1001 I Street	Tel: (800) 242-4450
Sacramento, CA 95812-2815	Email: <u>helpline@arb.ca.gov</u>
US Environment Prot	ection Agency – Region IX
US EPA Region IX	Tel: (415) 972-3990
75 Hawthorne Street	Fax: (415) 947-3579
San Francisco, CA 94105-3901	e-mail:

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#### ALCENTRATION STATISTICS

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next) in the test styre and 2014. In restances the southered bessay radia interaction beginness. I to be in all drowness to beginnessed.

#### 4.2 PLANT SHUT DOWN PROCEDURE

In the event of a plant closure, IEEC personnel will shut down all operating equipment that is not necessary to respond to an emergency, in accordance with plant operating procedures. In the event of an emergency shutdown (e.g., fire, earthquake, sabotage, etc.), IEEC personnel should consult the IEEC Emergency Response Plan, ERP. The purpose of the ERP is to provide emergency response guidelines so that the IEEC shift and management personnel can adequately evaluate the situation and respond in the interests of protecting personnel, the environment, and company resources.

The ERP provides guidelines for emergencies, including accidental release of toxic substances, chemical spills, fires, explosions, bomb threats, civil disobedience, and personnel injuries. There are several situations that may require emergency response by site personnel. The response required for each situation may vary, and each requires a separate course of action. Personnel should reference the ERP for proper response.

#### 4.3 SITE SECURITY AND EMERGENCY RESPONSE

The plant perimeter is surrounded by chain link fence. The main gate is located off of Antelope Road and can only be opened with key card access or by internal controls. Plant personnel monitor the perimeter and entry into the facility 24 hours per day, 365 days per year.

In the event of an unexpected closure, IEEC will ensure that all fencing is intact and a manned guard or private security services it used to maintain site security as directed by the CPM.

In the event of an emergency during normal operations, the Fire Department (FD) will have access through the main gate with the assistance of security guards. In the event of a closure, a security firm will be maintained, or a Knox Box will be provided for access, in case of emergency. Additionally, the FD has been supplied with a Hazardous Materials Business Plan (HMBP), Risk Management Plan, (RMP) and Fire Protection and Prevention Plan. The information contained in these plans will enable FD to respond to any emergency in the event that the plant personnel have evacuated the premises.

#### 4.4 HAZARDOUS MATERIAL AND WASTE REMOVAL

Handling and disposal of all hazardous materials and wastes shall be in accordance with all applicable laws, ordinances, regulations, and standards. Attachment 1 (Appendix C) identifies all hazardous materials that are located at IEEC. In the event of an unexpected temporary closure, not all hazardous materials will require removal. If such an event occurs, IEEC will conduct visual inspections of all hazardous material storage vessels on a regular basis to assess container condition.

IEEC has implemented a Hazardous Materials Business Plan, to assist with identification and handling of all hazardous materials. In addition to the HMBP, other plans have been developed to assist plant personnel and emergency responders with handling of the hazardous materials located at IEEC.

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Whenever practical, hazardous materials will be returned to the vendor. The following transporters or other qualified transporters will be used if it is deemed necessary to remove any hazardous material(s).

TRANSPORTER	TELEPHONE NUMBER	
Airgas Specialty Products	1-800-AMMONIA	5.
Safety Kleen Corp.	800-ER-KLEEN	
Praxair	800-621-7100	
Univar, USA, Inc.	619-336-6512	- 1-

If the unexpected temporary closure also results in a release of hazardous materials or waste, plant personnel will consult the Emergency Response Plan, HMBP, and/or Risk Management Plan. These plans address accidental release prevention and emergency policies, a hazardous materials inventory, employee training, and location of safety equipment, main utility shutoffs, notification methods, and accident investigation procedures. In addition, the Spill Prevention Control and Countermeasure Plan, SPCC, describes the necessary actions in the event of a petroleum substance spill that might threaten off site locations. The site does not have off-site discharge of storm water; however, structural and non-structural Best Management Practices (BMP's) are utilized at the site to reduce pollutants in storm water basins. Structural BMP's include such the encoded states at the measures as valves, berms, curbs, and containment structures that are used to hold or divert storm water to one of two basins. Non-structural BMP's included such measures as regular inspections, good housekeeping, employee training, and special procedures for storing/loading hazardous materials and wastes. Plant personnel shall consult all of these associated and a second plans prior to proceeding with any hazardous material or waste removal.

#### **5.0 INSURANCE AND WARRANTY COVERAGE**

IEEC is insured under an "All-Risk" Commercial Property policy for property damage. The policy is provided by Factory Mutual, while Electric Insurance Company provides liability insurance.

Major equipment warranties have now all expired, as they were covered for only 48 months from delivery.

#### **6.0 UNEXPECTED TEMPORARY CLOSURE**

In the event that the IEEC is closed temporarily, there are additional tasks to be performed, including notifications for areas of transmission line engineering and therefore a construction of the second biological resources.

#### 6.1 TRANSMISSION LINE ENGINEERING

IEEC has a signed Generator Facility Interconnection Agreement (GFIA) with SCE. In the event of a planned, unexpected temporary, and unexpected permanent closure contact shall be made with SCE and CAISO to ensure compliance with all applicable laws, ordinances, regulations and standards (LORS), and that system safety and reliability will not be jeopardized.

#### 6.2 BIOLOGICAL RESOURCES

In the case of temporary closure, measures to protect biological resources would be needed only if there were a potential of surface disturbances or releases of harmful materials. If such an event occurs, IEEC will consult with responsible agencies to plan clean up and mitigation of impacts to biological resources.

#### 7.0 PERMANENT CLOSURE

In the event the IEEC is closed permanently, there are additional tasks that need to be used and and the performed, including preparing a facility closure plan, notifying agencies, ensuring site security, removing hazardous materials and waste.

#### 7.1 FACILITY CLOSURE PLAN

In order to ensure that the permanent closure does not create adverse impacts, a closure process will be undertaken by IEEC that provides for careful consideration of available options, applicable laws, ordinances, regulations, standards, and local plans in existence at the time of closure. IEEC will meet with the CEC and other agencies as necessary and successful and the second states and the prior to the development of the closure plan to establish the elements of the plan. In accordance with CEC Conditions of Certification, the plan will include the following:

- 1) Identify and discuss any impacts and mitigation to address significant adverse impacts associated with proposed closure activities and to address facilities, equipment, or other project related remnants that will remain at the site.
- 2) Identify a schedule of activities for closure of the power plant site, transmission line corridor, and all other appurtenant facilities constructed as part of the project.
- 3) Identify any facilities or equipment intended to remain on site after closure, the reason, and any future use.
- Address conformance of the plan with all applicable laws, ordinances, regulations, standards, local/regional plans in existence at the time of facility 4) Address conformance of the plan with all applicable laws, ordinances, closure, and applicable conditions of certification.
- 5) Removal of transmission conductors when they are no longer used or useful.
- 6) Removal of all power plant site facilities and related facilities.
- Measures to restore wildlife habitat to promote the re-establishment of native plant and wildlife species.
- Revegetation of the plant site and other disturbed areas utilizing appropriate 8) seed mixture.

The plan will be submitted to the CEC's CPM and Riverside County for review and approval at least 12 months (or other mutually agreed to time) prior to commencing the permanent closure activities.

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#### 7.2 AGENCY NOTIFICATION

Additional notification may be necessary in the event of a permanent closure, including re-notifying each of the agencies listed in Table 1. The Permanent Closure Plan will also be sent to those appropriate agencies with which IEEC has a current permit (e.g., Eastern Municipal Water District, South Coast Air Quality Management District, USEPA, CUPA etc.)

#### 7.3 SITE SECURITY

Prior to permanent closure, the Director of Asset Management, or designee, will notify the Fire Department and Police Department, giving the notice that the existing level of site surveillance will not be in effect. This will enable these agencies to respond appropriately in the event of a disturbance or fire. It may be necessary for IEEC to provide site security for a period of time following permanent closure, the Director of Asset Management, or designee, will determine the need for such interim security and will address it in the Closure Plan.

#### 7.4 REMOVAL OF HAZARDOUS MATERIALS AND WASTE

As required by the CEC's Commission Decision, IEEC is responsible for removing all hazardous materials from the site as part of permanent site closure. If IEEC intends to redevelop the site, other plans may be made to either remove or store materials in different location. The details of the removal will be covered in the Permanent Closure Plan.

#### 7.5 BIOLOGICAL, CULTURAL, AND PALEONTOLOGICAL RESOURCES

When a Permanent Closure Plan is prepared, it will include the take avoidance and mitigation requirements in effect at the time for the species that would be impacted. The plan will also include the removal of the transmission facilities when they are no longer used and useful and reclamation of areas where facilities would be removed. This may include ripping or soil contouring of disturbed areas, implementation of erosion control, revegetation, and other measures deemed appropriate at the time the Closure Plan is developed.

Biological resources compliance reporting for closure activities would likely include preactivity survey reports, environmental monitoring reports during reclamation, and a final report describing the closure activities and any follow-on reclamation work that would be required.

The Permanent Closure Plan will include a description regarding the potential of the closure activities to impact cultural and paleontological resources. The closure requirements are to be based upon the Cultural Resources and Paleontological Resources Final Report. If no activities are proposed that would potentially impact either of these resources, no mitigation measures will be required. Should a discovery be made it will be necessary to update the Cultural Resources and Paleontological Resources final report.

The facility will comply with all COC's including contracting with qualified Cultural, Paleontological, Native American and Biological Monitors when condition require. These monitors will be identified in the final Closure Plan if required. and and an and a second se Second s

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Attachment 10

2018 Complaint, NOV, Warning and Citation Summary

IEEC did not receive any Complaints, NOV, Warnings or Citations during the reporting period from January 1 to December 31, 2018

# Attachment 11

2018 DTSC Monthly Submittals



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

February 6, 2018

Ref. No. GE/IEEC - 1014

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center, LLC (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – January 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for January 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo

Director, Asset Management



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

March 12, 2018

Ref. No. GE/IEEC - 1021

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center, LLC (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – February 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for February 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Director, Asset Management



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

April 4, 2018

Ref. No. GE/IEEC - 1024

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – March 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC issued two (2) Hazardous Waste Manifests for waste generated at IEEC during March 2018. The corresponding manifest numbers are as follows;

- 1) 006485499 SKS
- 2) 006437001 SKS

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Escobedo

Francisco Escobedo Director, Asset Management

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GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

May 2, 2018

Ref. No. GE/IEEC - 1030

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

## Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – April 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for April 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

rancisco Escobedo

Director, Asset Management



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

June 7, 2018

Ref. No. GE/IEEC - 1033

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – May 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for May 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

ancisco Escalual

Francisco Escobedo Director, Asset Management



GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

July 9, 2018

Ref. No. GE/IEEC - 1035

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – June 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC issued three (3) Hazardous Waste Manifests for waste generated at IEEC during June 2018. The corresponding manifest numbers are as follows;

- 1) 006067984 SKS
- 2) 006067994 SKS
- 3) 006067995 SKS

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

o Escolvedo

Prancisco Escobedo Director, Asset Management

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6. Transporter 1 Company Name SAFETY-KLEEN SYS	TEMS INC				U.S. EPAID	Number	TXROGO	061205
7. Transporter 2 Company Name CLEAN HARBORS EN	VIRONMENTAL SVC INC.	7			U.S. EPA ID	Number	- MAD039	323230
8. Designated Facility Name and Site Ad Facility's Phone: 435-984-	CLEAN HARBORS A 11600 NORTH APT ARAGONITE 8100	RAGONITE, L TUS ROAD S	LC UT 64629		U.S. EPA ID	Number	UTD961:	532177
9a, 9b. U.S. DOT Description (include HM and Packing Group (if any))	ing Proper Shipping Name, Hazard Class, ID N	umber,	10. Contai	ners Type	11. Totai Quantity	12. Unit WL/Vol.	13. Was	te Codes
X <sup>1</sup> UN2924, WASTE VE, N. D. S., ( PICRIC ACID)	FLAMMABLE LIQUIDS, ETHANOL, HYDROCHLORI , 3, (8), PG II	CORROSI C ACID,		DF	10	גן	DØØ1.   DØ	002 331
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18b. Alternate Facility (or Generator)			Annes ( Cooling )		U.S. EPA ID Nu	imber		
Facility's Phone: 18c. Signature of Alternate Facility (or Gene	rator)				L		Month	Day Year
19. Hazardous Waste Report Management   1.	Velhod Codes (i.e., codes for hazardous waste	e treatment, disposal, and re	cycling systems)		4.			
20. Designated Facility Owner or Operator: ( Printed/Typed Name	Certification of receipt of hazardous materials o	overed by the manifest exc Signature	apt as noted in item 1	8a			Month	Day Year
PA Form 8700-22 (Rev. 3-05) Previous ec 1) 831857671657556	litions are obsolete.	DESI	GNATED FAC	CILITY TO	DESTIN	ATION S	STATE (IF R	Equired)

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	WASTE MANIFEST CAR000216952	1 1	600-466	-1760		bUb	1995	<u>) SKS</u>
	5. Generator's Name and Mailing Address         Inland       Empire         26225       Antrialoge         ROMOLAND       CA 32385-4         Generator's Phone:       951-425-55077         6. Transporter 1 Company Name       SAFETY-KLEEN         SAFETY-KLEEN       SYSTEMS	Gener	ator's Site Addres	ss (if different t	han mailing addre U.S. EPA ID	ess) Number	TXROD	2081205
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	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Registra Grave (if and)		10. Conta	iners	11. Total	12. Unit	13. W	aste Codes
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۲ 	Facility's Phone:					<b></b>		
Ā	Too. Signature of Anentsine Lacinty for Generator)						Month	∪ay Year 
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, c	disposal, and recyc	ling systems)				!	
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	zo, besignader Faciny Owner of Operator: Certification of receipt of nazardous materials covered by th Printed/Typed Name	Signature	as noteo in item 1				Month	Day Year
PA F	Form 8700-22 (Rev. 3-05) Previous editions are obsolete. 7862456/1325716	DESIGI	VATED FAC	HITY TO	) DESTINA	TIONS	TATE (IF I	REQUIRED)

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Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

August 16, 2018

Ref. No. GE/IEEC - 1042

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – July 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for July 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

caberla

Francisco Escobedo Director, Asset Management



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

September 5, 2018

Ref. No. GE/IEEC - 1045

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – August 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for August 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Escoledo

Francisco Escobedo Director, Asset Management



Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

October 2, 2018

Ref. No. GE/IEEC - 1048

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – September 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC issued one (1) Hazardous Waste Manifest for waste generated at IEEC during September 2018. The corresponding manifest number is as follows;

1) 006657834 SKS

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo

Director, Asset Management

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GE Power

Francisco Escobedo Director, Asset Management

Inland Empire Energy Center 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

November 13, 2018

Ref. No. GE/IEEC - 1053

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – October 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC issued one (1) Hazardous Waste Manifests for waste generated at IEEC during October 2018. The corresponding manifest numbers are as follows;

1) 006658232 SKS

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo Director, Asset Management

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Francisco Escobedo Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

December 4, 2018

Ref. No. GE/IEEC - 1056

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – November 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for November 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Escalecto

Francisco Escobedo Director, Asset Management



GE Power

Francisco Escobedo

Director, Asset Management

Inland Empire Energy Center, LLC 26226 Antelope Road Menifee, CA 92585 USA

T 951 928 5941 Frank.Escobedo@ge.com

January 2, 2019

Ref. No. GE/IEEC - 1058

DTSC Generator Manifest Departments of Toxic Substances Control 8800 Cal Center Drive Sacramento, CA 95826-3200

# Subject: Inland Empire Energy Center (Facility I.D. Number 129816) – Copies of Hazardous Waste Manifest for Waste Generated – December 2018

To Whom It May Concern:

The Inland Empire Energy Center, LLC did not issue any Hazardous Waste Manifests for waste generated at IEEC for December 2018.

If you have any questions or concerns, please do not hesitate to contact me at 951-928-5941.

Sincerely,

Francisco Escobedo

Director, Asset Management