

**DOCKETED**

|                         |   |
|-------------------------|---|
| <b>Docket Number:</b>   | 89-AFC-01C  |
| <b>Project Title:</b>   | Compliance - LUZ SEGS IX and X Projects Application for Certification |
| <b>TN #:</b>            | 241985  |
| <b>Document Title:</b>  | PWS 2 - SEGS VIII & IX 2021 CEC Annual Report                         |
| <b>Description:</b>     | N/A   |
| <b>Filer:</b>           | Neal Davies   |
| <b>Organization:</b>    | Terra-Gen Operating Compnay   |
| <b>Submitter Role:</b>  | Applicant   |
| <b>Submission Date:</b> | 2/28/2022 3:18:26 PM  |
| <b>Docketed Date:</b>   | 2/28/2022   |



February 28, 2022

John Heiser  
Compliance Project Manager  
California Energy Commission  
1516 Ninth Street, MS-2000  
Sacramento, CA 95814-5512

**Subject: 88-AFC-1 PWS 2 & 89-AFC-1 PWS 2 SEGS VIII and SEGS IX 2021 Annual Compliance Report**

Dear Mr. Heiser:

Enclosed is the Annual Compliance Report for the SEGS VIII and SEGS IX facilities at Harper Lake. The report includes compliance activities for the period of January 1, 2021 through December 31, 2021, per the revised Annual Reporting Requirements.

If you have any questions, or need additional information, please contact Neal Davies at (760) 762-3100, ext. 225.

Sincerely,

A handwritten signature in black ink, appearing to read "RFimbres", is written over a light blue horizontal line.

Robert Fimbres  
Site Manager  
LUZ Solar Partners  
VIII & IX

**2021**  
**ANNUAL COMPLIANCE REPORT**  
**SEGS VIII & IX**

**SUBMITTED TO**

CALIFORNIA ENERGY COMMISSION  
SACRAMENTO, CALIFORNIA

**PREPARED BY**

TERRA-GEN OPERATING COMPANY

**FOR**

LUZ SOLAR PARTNERS VIII & IX  
HARPER LAKE, CALIFORNIA

FEBRUARY 28, 2022

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**Statement of Compliance with Air Quality Terms and Conditions of Certification**

**SEGS VIII & SEGS IX  
Statement of Compliance**

To the best of our knowledge and understanding, SEGS VIII and SEGS IX are in compliance with the Conditions of Certification related to air quality, except for those Conditions identified elsewhere in this report.



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Robert Fimbres  
Site Manager  
LUZ Solar Partners  
SEGS VIII & IX

# 2021 ANNUAL COMPLIANCE REPORT

I. AIR QUALITY

SEGS VIII & IX

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## Mojave Desert Air Quality Management District Correspondence

### 2021 MDAQMD Correspondence Summary

| <b>Date</b> | <b>Subject</b>                                  |
|-------------|---|
| January     | 2020 Fourth Quarter Emissions Monitoring Report |
| February    | Operating Permit Fees                           |
| April       | 2021 First Quarter Emissions Monitoring Report  |
| July        | 2021 Second Quarter Emissions Monitoring Report |
| October     | 2021 Third Quarter Emissions Monitoring Report  |

**Mojave Desert Air Quality Management District HTF Heater Permit to Operate**

2021 SEGS VIII & SEGS IX Permit to Operate





**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

14306 Park Avenue, Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**PERMIT TO OPERATE**

B002013

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: MARCH 2022**

**OWNER OR OPERATOR (Co. #603)**

Luz Solar Partners LTD., VIII  
437 Madison Avenue 22nd Floor, Suite A  
New York, NY 10022

**EQUIPMENT LOCATION (Fac. #975)**

Harper Lake SEGS VIII  
43880 Harper Lake Road  
Hinkley, CA 92347

**Descriptions:**

HEATER, SEGS VIII HTF consisting of: A Kinetics Technology Inc. natural gas-fired heater with a maximum design heat input of 872 MMBTU/hr and including the following equipment (motors are added to the rating assuming 2550 Btu per horsepower):

**EQUIPMENT**

| Capacity | Equipment Description  |
|----------|--|
| 872      | Heaters, Vertical Tube Box - Four (H-200, H-210, H-220 & H-230) each with 32 Alzeta Pyrocore radiant burners |
| 2.04     | Blowers, Forced Draft - Two (B-235 @ 300 hp & 1190 rpm; B-255 @ 500 hp @ 1200 rpm)                           |
| 2.04     | Fans, Induced Draft - Two (B-236 @ 300 hp & 885 rpm; B-256 @ 500 hp & 1190 rpm)                              |
| 22.9     | Pumps, HTF Var Freq - Three (P-300, P-310 & P-300) 3,000 hp each @ 1794 rpm                                  |
| 0.3      | Pump, Freeze Protection - One (P-365) 100 hp @ 1775 rpm  |

**CONDITIONS**


1. The maximum hourly and daily emission limits (Reference letter from WZI, Inc. dated May 2, 1994, subject "Proposed Emission Limits for SEGS VIII and SEGS IX Heaters") for the following criteria pollutants are:

NOx - 81.2 lb/h (which is based on a ppmv of 67) but is not exceed 580 lbs in any one day.  
CO - 248 lb/h (which is based on a ppmv of 350) but is not to exceed 550 lbs in any one day.

Fee Schedule: 2 (f)      Rating: 899280000 Btu      NAICS: 221118      SCC: 10100601      Location/UTM(Km): 469E/3876N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Luz Solar Partners LTD., VIII  
43880 Harper Lake Road  
Hinkley, CA 92347

By:   
**Brad Poiriez**  
Air Pollution Control Officer

PM10 - 5.2 lb/h but not to exceed 83.2 lb in any one day.

- a) The average hourly emission for NOx and CO shall be reported per the approved monitoring plan. The average hourly rate shall be the arithmetic average of four or more data points equally spaced over each 1-hour period.
- b) Daily emissions shall be reported based on the hourly emissions reported above.
- c) All PM emissions from these heaters shall be assumed to be 100% PM10.

2. The total annual emissions for NOx and CO when calculated on a rolling annual average shall not exceed the following:

NOx - 27.9 tons/year

CO - 26.5 tons/year

Compliance with this emission limit shall be determined by using CEMS data and calculating an arithmetic average of the previous 365 days (Day is defined as any 24-hour period beginning at midnight).

3. The daily emissions of NOx and CO and as well as O2 (a diluent gas) shall be monitored using a Continuous Emissions Monitoring System (CEMS) which shall be operating at all times in accordance with the District approval monitoring plan.

4. The following are the acceptability testing requirements for the CEMS:

- a) For NOx CEMS - Performance Specifications 2 of 40 CFR 60 Appendix B.
- b) For O2 CEMS - Performance Specification 3 of 40 CFR 60 Appendix B.
- c) For CO CEMS - Performance Specification 4 of 40 CFR Appendix B.

5. The following compliance tests are required and the emission limit given above shall not be exceeded:

- a) At least once every twelve (12) months: a compliance test for NOx (as NO2 in ppmv at 3% O2 & dry);
- b) At least once every twelve (12) months: a compliance test for CO (in ppmv at 3% O2 & dry);
- c) At least once every sixty (60) months: a compliance test to verify PM10 emissions rate, commencing in 1997. However, PM10 emission compliance testing may be required at the discretion of the District.

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to [reporting@mdaqmd.ca.gov](mailto:reporting@mdaqmd.ca.gov)

6. Daily logs shall be maintained which include, but is not limited to, the following:

- a) Hours of operation/day;
- b) Dates of routine maintenance;
- c) Dates of major repairs and/or replacements;
- d) Natural gas use; and,
- e) Amount of HTF added to system.

7. Quarterly reports shall be provided to the District Compliance Supervisor in accordance with the District approved monitoring plan. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter.



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

14306 Park Avenue, Victorville, CA 92392-2310  
 760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**PERMIT TO OPERATE**

B002016

Operation under this permit must be conducted in compliance with all information included with the Initial application, Initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: MARCH 2022**

**OWNER OR OPERATOR (Co. #2427)**

Luz Solar Partners LTD., IX  
 437 Madison Avenue, 22nd Floor, Suite A  
 New York, NY 10022

**EQUIPMENT LOCATION (Fac. #3819)**

Harper Lake SEGS IX  
 43880 Harper Lake Road  
 Hinkley, CA 92347

**Descriptions:**

HEATER, SEGS IX HTF consisting of: A Kinetics Technology Inc., natural gas-fired heater with a maximum design heat input of 872 MMBtu/hr and including the following equipment (motors are added to the rating assuming 2550 Btu per horsepower):

**EQUIPMENT**

| Capacity | Equipment Description   |
|----------|---|
| 872      | Heaters, Vertical Tube Box - Four (H-200, H-210, H-220 & H230) each with 32 Alzeta Pyrocore radiant burners |
| 1.53     | Blowers, Forced Draft - Two (B-235 & B-255) 300 bhp ea. @ 1190 rpm  |
| 1.53     | Fans, Induced Draft - Two (B-236 & B256) 300 bhp ea. @885 rpm   |
| 22.95    | Pumps, HTF Var. Freq - Three (P-300, P310 & P-300) 3,000 bhp ea @ 1794 rpm                                  |
| 0.3      | Pumps, Freeze Protection - One (P-365) 100 bhp @ 1775 rpm   |

**CONDITIONS**

1. The maximum hourly and daily emission limits (Reference letter from WZI, Inc. dated May 2, 1994, subject "Proposed Emission Limits for SEGS VIII and SEGS IX Heaters") for the following criteria pollutants are:

Nox - 81.2 lb/h (which is based on a ppmv of 67) but is not exceed 580 lb in any one day.

CO - 248 lb/h (which is based on a ppmv of 350) but is not to exceed 550 lb in any one day.

Fee Schedule: 2 (f)

Rating: 898310000 Btu

NAICS: 221119

SCC: 10100601

Location/UTM(Km):  
469E/3876N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Luz Solar Partners LTD., IX  
 43880 Harper Lake Road  
 Hinkley, CA 92347

By:   
**Brad Poiriez**  
 Air Pollution Control Officer

PM10 - 5.2 lb/h but not to exceed 83.2 lb in any one day.

- a) The average hourly emission for Nox and CO shall be reported per the approved monitoring plan. The average hourly rate shall be the arithmetic average of four or more data points equally spaced over each 1-hour period.
- b) Daily emissions shall be reported based on the hourly emissions reported above.
- c) All PM emissions from these heaters shall be assumed to be 100% PM10.

2. The total annual emissions for Nox and CO when calculated on a rolling annual average shall not exceed the following:

NOx - 27.9 tons/year  
CO - 26.5 tons/year

Compliance with this emission limit shall be determined by using CEMS data and calculating an arithmetic average of the previous 365 days (Day is defined as any 24-hour period beginning at midnight).

3. The daily emissions of NOx and CO and as well as O2 (a diluent gas) shall be monitored using a Continuous Emissions Monitoring System (CEMS) which shall be operating at all times in accordance with the District approval monitoring plan.

4. The following are the acceptability testing requirements for the CEMS:

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5. The following compliance tests are required and the emission limit given above shall not be exceeded:

- a) At least once every twelve (12) months; a compliance test for NOx (as NO2 in ppmv at 3% O2 & dry);
- b) At least once every twelve (12) months; a compliance test for CO (in ppmv at 3% O2 & dry);
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6. Daily logs shall be maintained which included, but is not limited to, the following:

- a) Hours of operation/day
- b) Dates of routine maintenance
- c) Dates of major repairs and/or replacements
- d) Natural gas use
- e) Amount of HTF added to system

7. Quarterly reports shall be provided to the District Compliance Supervisor in accordance with the District approved monitoring plan. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter.

**Dust Suppressant Application Verification**

2021 Dust Suppressant Application

During the month of February 2021, Magnesium Chloride was applied to 15.5 miles of off-site dirt roads for annual PM10 mitigation. SEGS VIII was invoiced for 1.5 miles of road application. SEGS IX was invoiced for 14.0 miles of application.

**SOUTH WESTERN SEALCOATING, INC.**

Contractors Lic. No. #678645  
23644 Adams Avenue  
Murrieta, California 92562

**BILL OF LADING**

12795

(951) 677-6228

• SOLD TO: TERRA GEN  
43880 HARPER LAKE RD.  
HINKLEY CA 92374

• SHIPTO: SAME

Load Time: 0600

De. Time: 1400

Load Date: 5 FEB 21

CARRIER: SWS

Del. Date: 5 FEB 21

ORIGIN NO. \_\_\_\_\_ RELEASE NO. \_\_\_\_\_ CARRIER BL. \_\_\_\_\_

CONTRACT APPLICATION  
OF  
MAGNESIUM CHLORIDE

METER READING U.S. GAL. \_\_\_\_\_

\*SEE ATTACHED BOL'S

End. \_\_\_\_\_ GAL.

Weight Ticket # K

START \_\_\_\_\_ GAL.

Truck Lic. \_\_\_\_\_

GROSS LBS. \_\_\_\_\_

TOTAL \_\_\_\_\_ GAL.

Trailer Lic. \_\_\_\_\_

TARE LBS. \_\_\_\_\_

NET LBS. \_\_\_\_\_

Loaded By FMENDOZA

Rec. By RFIMBRES

TOTAL TONS 248.83

PHONE CONFIRMATION

**SOUTH WESTERN SEALCOATING, INC.**

Thank You

**Conditions of Certification – Air Quality Compliance****SEGS VIII & IX  
Conditions of Certification  
Air Quality Compliance**

To the best of our knowledge and understanding as attested to previously in this report, SEGS VIII and SEGS IX are in compliance with the Conditions of Certification relative to air quality with the following exceptions:

**SEGS VIII**

## Condition 1 – 1

Information and records are not available pertaining to the submission of the required copies of bid specifications, installation schedules and purchase orders that were required for the low NOx burner installation at the SEGS III, IV, and V facilities.

**SEGS IX**

## Condition 1 – 3 (b)

Routine source testing has been performed on the modified internal combustion engine and a copy submitted to the Mojave Desert Air Quality Management District.

## Condition 1 – 39

Excess emissions cannot be calculated per 40 CFR 60.7 and 60.13 since heater operation does not satisfy the definition of a “boiler operating day” as contained in 40 CFR 60.41a. NOx emissions are being calculated on a 30-day rolling average.

**Title V Permit**

The Title V Permit was issued by the Mojave Desert Air Quality Management District on October 26, 2016 and is set to expire on October 26, 2021.

After having a discussion with the Mojave Desert Air Quality Management District it was determined that the Title V Air Permit was no longer necessary. With the retirement of SEGS VIII and the sole purpose of the heaters at SEGS IX is for freeze protection, SEGS will never exceed limits required set by the Title V permit.



**Emission Testing – Newberry Springs**

Emission Test Report for Southern California Gas Newberry Springs Compressor Station Compressor Number 7 is available for review at:

**Mojave Desert Air Quality Management**

14306 Park Avenue

Victorville, CA 92392-2310

760-762-1661

# 2021 ANNUAL COMPLIANCE REPORT

## Waste Contractors List and Agreements

Luz Solar Partners VIII & IX have entered into contracts with the following listed transporters to provide transportation and disposal services for various hazardous and non-hazardous wastes. Luz Solar Partners VIII & IX does not directly contract with any hazardous waste disposal facilities.

Luz Solar Partners VIII & IX utilizes the San Bernardino County franchise trash collection service for all ordinary trash collection and disposal. As such there is no contract in place for this service and there is no accounting available as to the quantity shipped to the Barstow landfill.

Transportation companies with contracts in 2021:

|                               |                                 |
|-------------------------------|---------------------------------|
| Burrtec Waste Industries      | Non-hazardous wastes            |
| MP Environmental Services     | Hazardous wastes                |
| Nursery Products Services     | Non-hazardous wastes            |
| Asbury Environmental Services | Hazardous wastes                |
| Desert Environmental Services | Hazardous / Non-hazardous Waste |

All hazardous waste transporters listed above have active valid EPA identification numbers as well as current valid registration with the California Department of Toxic Substances Control (DTSC). Information regarding these permits is available on the DTSC website.

# 2021 ANNUAL COMPLIANCE REPORT

## II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

## SEGS VIII & IX

### 2021 Non-Hazardous Waste Summary

| <u>Waste Type</u>     | <u>Quantity<br/>(Tons)</u> | <u>Disposal Method and<br/>Facility</u> |               |
|-----------------------|----------------------------|---|---------------|
| Clarifier Sludge Cake | 9.47                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 15.39                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 15.09                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 14.26                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 12.91                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 11.06                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.65                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 9.58                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 11.1                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.58                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.18                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 9.16                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 7.68                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 15.53                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 14.24                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 10.8                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 9.69                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.78                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 4.24                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 9.37                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 11.61                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.75                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 9.68                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.73                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 8.58                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 13.64                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 10.05                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 13.7                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 10.27                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 7.87                       | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 13.03                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 12.49                      | Recycle                                 | Helendale, CA |
| Clarifier Sludge Cake | 12.9                       | Recycle                                 | Helendale, CA |

# 2021 ANNUAL COMPLIANCE REPORT

## II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

## SEGS VIII & IX

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### 2021 Non-Hazardous Waste Summary (continued)

|                       |       |         |               |
|-----------------------|-------|---------|---------------|
| Clarifier Sludge Cake | 11.7  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.86  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 10.94 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 11.14 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.8   | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 11.9  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 11.38 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.85  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.51  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 7.67  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.02  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 9.57  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 8.83  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 11.7  | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 12.97 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 14.79 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 15.74 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 17.56 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 15.41 | Recycle | Helendale, CA |
| Clarifier Sludge Cake | 18.44 | Recycle | Helendale, CA |

## 2021 ANNUAL COMPLIANCE REPORT

### II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

### SEGS VIII & IX

The following waste was generated during the course of normal operating conditions of the Site.

#### 2021 Hazardous Waste Summary

| <b>MATERIAL</b>                     | <b>ACT. QTY.<br/>[TONS]</b> | <b>DISPOSAL<br/>METHOD</b> | <b>DISPOSAL<br/>SITE</b> |
|-------------------------------------|-----------------------------|----------------------------|--------------------------|
| Cooling Tower Waste Liquid          | 8.2                         | Landfill                   | Wellton, AZ              |
| Mirror Glass Contaminated With Lead | 9.69                        | Landfill                   | Beatty, NV               |
| Oil Contaminated Debris             | 0.44                        | Landfill                   | Buttonwillow, CA         |
| Used oil                            | 0.3                         | Recycle                    | Compton, CA              |
| Mirror Glass Contaminated With Lead | 9.13                        | Landfill                   | Beatty, NV               |
| Oil Contaminated Debris             | 0.31                        | Landfill                   | Buttonwillow, CA         |
| Mirror Glass Contaminated With Lead | 9.75                        | Landfill                   | Beatty, NV               |
| Oily Water with HTF                 | 13.24                       | Recycle                    | Compton, CA              |
| Used oil                            | 0.3                         | Recycle                    | Compton, CA              |
| Oil Contaminated Debris             | 0.62                        | Landfill                   | Buttonwillow, CA         |
| Oil Contaminated Debris             | 1.02                        | Landfill                   | Buttonwillow, CA         |
| Mirror Glass Contaminated With Lead | 7.32                        | Landfill                   | Beatty, NV               |

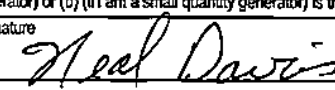
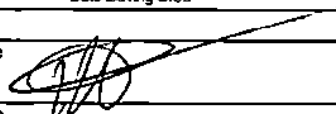
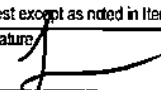
The following waste was generated in 2021 during the decommissioning of SEGS VIII.

There were 268 loads of mirror glass contaminated with lead shipped to the landfill in Beatty, NV totaling 6,519.83 tons.

Please print or type.

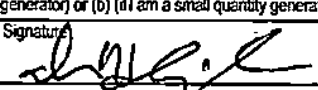
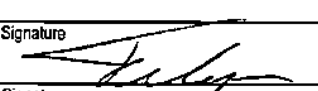
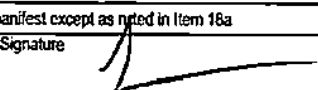
3149

Form Approved. OMB No. 2050-0039

|   |          |  |                          |   |   |                                  |                 |  |  |
|---|----------|--|--------------------------|---|---|----------------------------------|-----------------|--|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |          | 1. Generator ID Number<br><b>CAR00021575</b>   | 2. Page 1 of<br><b>1</b> | 3. Emergency Response Phone<br><b>760-762-3477</b>  | 4. Manifest Tracking Number<br><b>023878133 JJK</b> |                                  |                 |  |  |
| 5. Generator's Name and Mailing Address<br><b>LUZ SOLAR PARTNERS</b><br><b>43880 HARPER LAKE ROAD</b><br><b>HINKLET CA 92347</b>  |          |  |                          | Generator's Site Address (if different than mailing address)                                      |   |                                  |                 |  |  |
| 6. Transporter 1 Company Name<br><b>ECOLOGY AUTO PARTS INC</b>  |          |  |                          | U.S. EPA ID Number<br><b>CAR000272383</b>   |   |                                  |                 |  |  |
| 7. Transporter 2 Company Name   |          |  |                          | U.S. EPA ID Number  |   |                                  |                 |  |  |
| 8. Designated Facility Name and Site Address<br><b>US ECOLOGY INC NEVADA</b><br><b>HIGHWAY 95</b><br><b>BEATTY NV 89003</b>   |          |  |                          | U.S. EPA ID Number<br><b>NVT330010000</b>   |   |                                  |                 |  |  |
| Facility's Phone:<br><b>715-553-2203</b>  |          |  |                          |   |   |                                  |                 |  |  |
| GENERATOR   | 9a. HM   | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers           |   | 11. Total Quantity                                  | 12. Unit WL/Vol.                 | 13. Waste Codes |  |  |
|   |          |  | No.                      | Type  |   |                                  |                 |  |  |
|   | <b>X</b> | <b>HAZARDOUS SOLID WASTE - LEAD</b><br><b>HAZ CLASS 9, NA 3077, CLASS III</b>                                  | <b>1</b>                 | <b>DT</b>   | <b>20</b>   | <b>T</b>                         | <b>181</b>      |  |  |
|   |          |  |                          |   |   |                                  | <b>DR02</b>     |  |  |
|   |          | <b>T-1684 TRL 141</b>  |                          |   |   |                                  |                 |  |  |
| 14. Special Handling Instructions and Additional Information<br><b>US ECOLOGY PROFILE NO 070310242-0</b>  |          |  |                          |   |   |                                  |                 |  |  |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |          |  |                          |   |   |                                  |                 |  |  |
| Generator's/Offoror's Printed/Typed Name<br><b>Neal Davies</b>  |          |  |                          | Signature<br> |   | Month Day Year<br><b>11 3 21</b> |                 |  |  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |          |  |                          |   |   |                                  |                 |  |  |
| 17. Transporter Acknowledgment of Receipt of Materials  |          |  |                          |   |   |                                  |                 |  |  |
| Transporter 1 Printed/Typed Name<br><b>Marco Castro</b>   |          |  |                          | Signature<br> |   | Month Day Year<br><b>11 3 21</b> |                 |  |  |
| Transporter 2 Printed/Typed Name  |          |  |                          | Signature   |   | Month Day Year                   |                 |  |  |
| 18. Discrepancy   |          |  |                          |   |   |                                  |                 |  |  |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |          |  |                          |   |   |                                  |                 |  |  |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____  |          |  |                          |   |   |                                  |                 |  |  |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year  |          |  |                          |   |   |                                  |                 |  |  |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |          |  |                          |   |   |                                  |                 |  |  |
| 1. <b>H132</b>  |          | 2.   |                          | 3.  |   | 4.                               |                 |  |  |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |          |  |                          |   |   |                                  |                 |  |  |
| Printed/Typed Name<br><b>Sorge</b>  |          |  |                          | Signature<br>  |   | Month Day Year<br><b>11 3 21</b> |                 |  |  |

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Form Approved. OMB No. 2050-0039

| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br><b>CAR 000 215715</b> | 2. Page 1 of<br><b>1</b> | 3. Emergency Response Phone<br><b>760-762-3149</b>  | 4. Manifest Tracking Number<br><b>023878142-JJK</b> |                                   |
|---|--|---|--------------------------|---|---|-----------------------------------|
| 5. Generator's Name and Mailing Address<br><b>Lu2 Solar Partners<br/>43880 Harper Lakeroad<br/>Hinkley, Ca. 92347</b>   |  |   |                          | Generator's Site Address (if different than mailing address)                                      |   |                                   |
| 6. Transporter 1 Company Name<br><b>Ecology Auto Parts Inc.</b>   |  | U.S. EPA ID Number<br><b>CAR 000 272583</b>     |                          |   |   |                                   |
| 7. Transporter 2 Company Name   |  | U.S. EPA ID Number                              |                          |   |   |                                   |
| 8. Designated Facility Name and Site Address<br><b>US Ecology Inc. Nevada<br/>Highway 95<br/>Beatty NV 89003</b>  |  |   |                          | U.S. EPA ID Number<br><b>NUT 33 001 0000</b>  |   |                                   |
| Facility's Phone:<br><b>719-553-2203</b>  |  |   |                          |   |   |                                   |
| 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers                                  |                          | 11. Total Quantity  | 12. Unit Wt./Vol.                                   | 13. Waste Codes                   |
|   |  | No.   | Type                     |   |   |                                   |
| X   | 1. <b>Hazardous Waste Solid - LEAD<br/>HAZ CLASS 9, NA3077, CLASS III</b>                                      | 1   | DT                       | 20  | 4   | 181<br>0008                       |
|   | 2.   |   |                          |   |   |                                   |
|   | 3.   |   |                          |   |   |                                   |
|   | 4. <b>F-1680 - FR-142</b>  | 7:00 AM   |                          |   |   |                                   |
| 14. Special Handling Instructions and Additional information<br><b>US Ecology Profile # 070310242-0</b>   |  |   |                          |   |   |                                   |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |                          |   |   |                                   |
| Generator's/Officer's Printed/Typed Name<br><b>Ivan Cunningham</b>  |  |   |                          | Signature<br> |   | Month Day Year<br><b>11 11 21</b> |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |  |   |                          |   |   |                                   |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |   |                          |   |   |                                   |
| Transporter 1 Printed/Typed Name<br><b>Felipe MORAN</b>   |  |   |                          | Signature<br> |   | Month Day Year<br><b>11 11 21</b> |
| Transporter 2 Printed/Typed Name  |  |   |                          | Signature   |   | Month Day Year                    |
| 18. Discrepancy   |  |   |                          |   |   |                                   |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |  |   |                          |   |   |                                   |
| Manifest Reference Number: _____  |  |   |                          |   |   |                                   |
| 18b. Alternate Facility (or Generator)  |  |   |                          | U.S. EPA ID Number  |   |                                   |
| Facility's Phone:   |  |   |                          |   |   |                                   |
| 18c. Signature of Alternate Facility (or Generator)   |  |   |                          | Signature   |   | Month Day Year                    |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |   |                          |   |   |                                   |
| 1. <b>H132</b>  | 2.   | 3.  | 4.                       |   |   |                                   |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |   |                          |   |   |                                   |
| Printed/Typed Name<br><b>Serge UNFED</b>  |  |   |                          | Signature<br> |   | Month Day Year<br><b>11 11 21</b> |

|   |  |   |  |                       |  |  |  |   |                                   |  |  |
|---|--|---|--|-----------------------|--|--|--|---|-----------------------------------|--|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br><b>CAR 000 215715</b>   |  | 2. Page 1 of <b>1</b> |  | 3. Emergency Response Phone<br><b>(760) 762-3149</b>                           |  | 4. Manifest Tracking Number<br><b>023883881 JJK</b> |                                   |  |  |
|   |  | 5. Generator's Name and Mailing Address<br><b>Luz Solar Partners</b><br><b>43880 Harper Lake road</b><br><b>Hinkley, Ca. 923471</b> |  |                       |  |  |  |   |                                   | Generator's Site Address (if different than mailing address) |  |
| 6. Transporter 1 Company Name<br><b>Ecology Auto Parts, Inc.</b>  |  | U.S. EPA ID Number<br><b>CAR 000 272583</b>   |  |                       |  |  |  | 7. Transporter 2 Company Name                       |                                   |  |  |
| 8. Designated Facility Name and Site Address<br><b>US Ecology Inc. Nevada</b><br><b>Highway 95</b><br><b>Beatty, NV 89003</b>   |  | U.S. EPA ID Number<br><b>NVT 3300 160000</b>  |  |                       |  |  |  | 9a. HM  |                                   |  |  |
| 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))  |  | 10. Containers  |  | 11. Total Quantity    |  | 12. Unit WL/Vol.   |  | 13. Waste Codes                                     |                                   |  |  |
| 1. <b>Hazardous Waste Solid-LEAD</b><br><b>Haz Class 9, NA3077, Class III</b>   |  | No. <b>1</b> Type <b>DT</b>   |  | <b>20</b>             |  | <b>T</b>   |  | <b>181</b><br><b>09/98</b>                          |                                   |  |  |
| 4. <b>T-1680 TR-142</b>   |  | <b>7:30 AM</b>  |  |                       |  |  |  |   |                                   |  |  |
| 14. Special Handling Instructions and Additional Information<br><b>US Ecology Profile # 070310242-0</b>   |  |   |  |                       |  |  |  |   |                                   |  |  |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |  |                       |  |  |  |   |                                   |  |  |
| Generator's/Offeror's Printed/Typed Name<br><b>Neal Davies</b>  |  |   |  |                       |  | Signature<br><i>Neal Davies</i>  |  |   | Month Day Year<br><b>12 02 21</b> |  |  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |  |   |  |                       |  |  |  |   |                                   |  |  |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |   |  |                       |  |  |  |   |                                   |  |  |
| Transporter 1 Printed/Typed Name<br><b>Felipe MORAN</b>   |  |   |  |                       |  | Signature<br><i>Felipe Moran</i>   |  |   | Month Day Year<br><b>12 02 21</b> |  |  |
| Transporter 2 Printed/Typed Name  |  |   |  |                       |  | Signature  |  |   | Month Day Year                    |  |  |
| 18. Discrepancy   |  |   |  |                       |  |  |  |   |                                   |  |  |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |  |   |  |                       |  |  |  |   |                                   |  |  |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____  |  |   |  |                       |  |  |  |   |                                   |  |  |
| Facility's Phone: _____   |  |   |  |                       |  | 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ |  |   |                                   |  |  |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |   |  |                       |  |  |  |   |                                   |  |  |
| 1. <b>H132</b>  |  | 2.  |  | 3.                    |  | 4.   |  |   |                                   |  |  |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |   |  |                       |  | Printed/Typed Name<br><b>Valery Ordoña</b>                                     |  |   | Signature<br><i>Valery Ordoña</i> |  |  |
|   |  |   |  |                       |  | Month Day Year<br><b>12 2 21</b>   |  |   |                                   |  |  |



## 2021 ANNUAL COMPLIANCE REPORT

### **Hazardous Waste Storage**

Under Conditions of Certification WASTE-4 (VIII) and WASTE-5 (IX) Luz Solar Partners VIII & IX shall not store hazardous waste on site for more than 90 days unless they obtain an extension from California Department of Health Services (CDHS) or a permit as a storage facility. Jurisdiction over hazardous waste management no longer resides with the CDHS. The California Department of Toxic Substances Control (DTSC) is the state agency that now has jurisdiction in these matters and the agency empowered with the enforcement of the regulations is the San Bernardino County Fire Department, Hazardous Materials Division acting as the CUPA for San Bernardino County. Luz Solar Partners VIII & IX follows all applicable regulations regarding the storage of hazardous materials on site. No hazardous materials are stored on site for longer than 90 days unless allowed by LORS and Luz Solar Partners VIII & IX did not apply for a variance to hazardous waste regulations or applied for a permit as a storage facility during the 2021 calendar year.

2021 ANNUAL COMPLIANCE REPORT

II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

SEGS VIII & IX

---

**2021 Heat Transfer Fluid Waste Manifests**

| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>  |  | 1. Generator ID Number<br><b>CAR000215715</b> | 2. Page 1 of<br><b>1</b> | 3. Emergency Response Phone<br><b>(800) 424-9300</b>         | 4. Manifest Tracking Number<br><b>020315887 JJK</b> |                    |                  |                   |
|--|--|---|--------------------------|--|---|--------------------|------------------|-------------------|
| 5. Generator's Name and Mailing Address<br><b>LUZ SOLAR PARTNERS VIII AND IX - HARPER LAKE R<br/>43880 HARPER LAKE RD.<br/>HINKLEY CA 92347</b>  |  |   |                          | Generator's Site Address (if different than mailing address) |   |                    |                  |                   |
| Generator's Phone: <b>760 762-3100</b>   |  |   |                          |  |   |                    |                  |                   |
| 6. Transporter 1 Company Name<br><b>WORLD OIL ENVIRONMENTAL SERVICES</b>   |  |   |                          | U.S. EPA ID Number<br><b>CAD028277036</b>                    |   |                    |                  |                   |
| 7. Transporter 2 Company Name  |  |   |                          | U.S. EPA ID Number   |   |                    |                  |                   |
| 8. Designated Facility Name and Site Address<br><b>WORLD OIL RECYCLING<br/>2000 N. ALAMEDA STREET<br/>COMPTON CA 90222</b>   |  |   |                          | U.S. EPA ID Number<br><b>CAT080013352</b>                    |   |                    |                  |                   |
| Facility's Phone: <b>(310)537-7100</b>   |  |   |                          |  |   |                    |                  |                   |
| 9a. HM   | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers                                |                          | 11. Total Quantity   | 12. Unit Wt./Vol.                                   | 13. Waste Codes    |                  |                   |
|  |  | No.   | Type                     |  |   |                    |                  |                   |
|  | 1. <b>NON-RCRA HAZARDOUS WASTE, LIQUID (OILY WATER)</b>  | <b>001</b>                                    | <b>TT</b>                | <b>4200</b>  | <b>G</b>  | <b>223</b>         |                  |                   |
|  | 2.   |   |                          |  |   |                    |                  |                   |
|  | 3.   |   |                          |  |   |                    |                  |                   |
|  | 4.   |   |                          |  |   |                    |                  |                   |
| 14. Special Handling Instructions and Additional Information<br><b>EMERGENCY CONTACT : CHEMTREC 1-800-424-9300 WOES TERMINAL COMPTON **APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT*</b>  |  |   |                          |  |   |                    |                  |                   |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.<br>I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |                          |  |   |                    |                  |                   |
| Generator's/Offero's Printed/Typed Name<br><b>Ben Wilson</b>   |  |   |                          | Signature<br><i>Ben Wilson</i>                               |   | Month<br><b>7</b>  | Day<br><b>27</b> | Year<br><b>21</b> |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____<br>Transporter signature (for exports only): _____  |  |   |                          |  |   |                    |                  |                   |
| 17. Transporter Acknowledgment of Receipt of Materials<br>Transporter 1 Printed/Typed Name <b>ISAIAH TRUJILLO</b> Signature <i>Isaiah Trujillo</i> Month <b>07</b> Day <b>28</b> Year <b>21</b><br>Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____   |  |   |                          |  |   |                    |                  |                   |
| 18. Discrepancy  |  |   |                          |  |   |                    |                  |                   |
| 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection<br><b>Reconciled quantity 3181 with Daisy of WOES on 8/4/21</b>   |  |   |                          |  |   |                    |                  |                   |
| 18b. Alternate Facility (or Generator) U.S. EPA ID Number _____  |  |   |                          |  |   |                    |                  |                   |
| Facility's Phone: _____  |  |   |                          |  |   |                    |                  |                   |
| 18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____   |  |   |                          |  |   |                    |                  |                   |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  |  |   |                          |  |   |                    |                  |                   |
| 1. <b>H039</b>   |  | 2.  |                          | 3.   |   | 4.                 |                  |                   |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a   |  |   |                          |  |   |                    |                  |                   |
| Printed/Typed Name<br><b>Michael Santizo</b>   |  |   |                          | Signature<br><i>Michael Santizo</i>                          |   | Month<br><b>07</b> | Day<br><b>29</b> | Year<br><b>21</b> |

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| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br>CAR000215715 | 2. Page 1 of<br>1 | 3. Emergency Response Phone<br>800 458-3036                  | 4. Manifest Tracking Number<br>021782221 JJK |                           |  |
|---|--|--|-------------------|--|--|---------------------------|--|
| 5. Generator's Name and Mailing Address<br>LUZ SOLAR PARTNERS<br>43880 HARPER LAKE<br>HINKLEY CA 92347<br>Generator's Phone: 760 782-3100   |  |  |                   | Generator's Site Address (if different than mailing address) |  |                           |  |
| 6. Transporter 1 Company Name<br>MP Environmental Services  |  |  |                   | U.S. EPA ID Number<br>CAT000624247                           |  |                           |  |
| 7. Transporter 2 Company Name   |  |  |                   | U.S. EPA ID Number   |  |                           |  |
| 8. Designated Facility Name and Site Address<br>CLEAN HARBORS BUTTONMALLOW<br>2500 WEST LOKERN RD<br>BUTTONMALLOW CA 93208<br>Facility's Phone: 861 762-6200  |  |  |                   | U.S. EPA ID Number<br>CAD980675276                           |  |                           |  |
| 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers                         |                   | 11. Total Quantity   | 12. Unit Wt./Vol.                            | 13. Waste Codes           |  |
|   |  | No.                                    | Type              |  |  |                           |  |
| 1.  | NON RCRA HAZARDOUS WASTE SOLID (OIL, DEBRIS WITH THERMINOL)  | 001                                    | CM                | 10   | Y  | 352                       |  |
| 2.  |  |  |                   |  |  |                           |  |
| 3.  |  |  |                   |  |  |                           |  |
| 4.  |  |  |                   |  |  |                           |  |
| 14. Special Handling Instructions and Additional Information<br>1) PROFILE # CH1785505B, DEBRIS, SOIL CONTAMINATED WITH THERMINOL<br>Bin# WB2<br>SO#2100955772  |  |  |                   |  |  |                           |  |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |  |                   |  |  |                           |  |
| Generator's/Offeror's Printed/Typed Name<br>MANUEL F. Sanchez   |  |  |                   | Signature<br>Manuel F. Sanchez                               |  | Month Day Year<br>2 23 21 |  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:  |  |  |                   |  |  |                           |  |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |  |                   |  |  |                           |  |
| Transporter 1 Printed/Typed Name<br>Eddie Stewart   |  |  |                   | Signature<br>Eddie Stewart                                   |  | Month Day Year<br>2 23 21 |  |
| Transporter 2 Printed/Typed Name  |  |  |                   | Signature  |  | Month Day Year            |  |
| 18. Discrepancy   |  |  |                   |  |  |                           |  |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection<br>Manifest Reference Number:   |  |  |                   |  |  |                           |  |
| 18b. Alternate Facility (or Generator)  |  |  |                   | U.S. EPA ID Number   |  |                           |  |
| Facility's Phone:   |  |  |                   |  |  |                           |  |
| 18c. Signature of Alternate Facility (or Generator)   |  |  |                   |  |  | Month Day Year            |  |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |  |                   |  |  |                           |  |
| 1. H132   |  | 2.                                     |                   | 3.   |  | 4.                        |  |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |  |                   |  |  |                           |  |
| Printed/Typed Name<br>Edwardo Tades   |  |  |                   | Signature<br>[Signature]                                     |  | Month Day Year<br>2 23 21 |  |

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

1116

| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br><b>CAR000215715</b> | 2. Page 1 of<br><b>1</b>                                     | 3. Emergency Response Phone<br><b>800 458-3036</b> | 4. Manifest Tracking Number<br><b>021782425 JJK</b> |                                       |
|---|--|---|--|--|---|---------------------------------------|
| 5. Generator's Name and Mailing Address<br><b>LUZ SOLAR PARTNERS<br/>43880 HARPER LAKE<br/>HINKLEY CA 92347</b>   |  |   | Generator's Site Address (if different than mailing address) |  |   |                                       |
| Generator's Phone: <b>760 782 3100</b>  |  |   |  |  |   |                                       |
| 6. Transporter 1 Company Name<br><b>MP Environmental Services</b>   |  |   |  | U.S. EPA ID Number<br><b>CAT000624247</b>          |   |                                       |
| 7. Transporter 2 Company Name   |  |   |  | U.S. EPA ID Number                                 |   |                                       |
| 8. Designated Facility Name and Site Address<br><b>CLEAN HARBORS BUTTONWILLOW<br/>2500 WEST LOKERN RD<br/>BUTTONWILLOW CA 93208</b>   |  |   |  | U.S. EPA ID Number<br><b>CAD980675276</b>          |   |                                       |
| Facility's Phone: <b>881 782-6200</b>   |  |   |  |  |   |                                       |
| 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers                                |  | 11. Total Quantity                                 | 12. Unit Wt./Vol.                                   | 13. Waste Codes                       |
|   |  | No.   | Type   |  |   |                                       |
|   | 1. <b>NON RCRA HAZARDOUS WASTE SOLID (OIL, DEBRIS WITH THERMINOL)</b>  | <b>001</b>                                    | <b>CM</b>  | <b>12</b>  | <b>Y</b>  | <b>352</b>                            |
|   | 2.   |   |  |  |   |                                       |
|   | 3.   |   |  |  |   |                                       |
|   | 4.   |   |  |  |   |                                       |
| 14. Special Handling Instructions and Additional Information<br><b>1)PROFILE # CH1785505B, DEBRIS, SOIL CONTAMINATED WITH THERMINOL</b><br><br><b>SO # 2104336924 BIN# WB-2</b>   |  |   |  |  |   |                                       |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |  |  |   |                                       |
| Generator's/Offeror's Printed/Typed Name<br><b>Neal Davies</b>  |  |   |  | Signature<br><i>Neal Davies</i>                    |   | Month Day Year<br><b>8   27   21</b>  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |  |   |  |  |   |                                       |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |   |  |  |   |                                       |
| Transporter 1 Printed/Typed Name<br><b>Randy Matthews</b>   |  |   |  | Signature<br><i>Randy Matthews</i>                 |   | Month Day Year<br><b>08   27   21</b> |
| Transporter 2 Printed/Typed Name  |  |   |  | Signature  |   | Month Day Year                        |
| 18. Discrepancy   |  |   |  |  |   |                                       |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |  |   |  |  |   |                                       |
| Manifest Reference Number: _____ U.S. EPA ID Number _____   |  |   |  |  |   |                                       |
| 18b. Alternate Facility (or Generator)  |  |   |  |  |   |                                       |
| Facility's Phone: _____   |  |   |  |  |   |                                       |
| 18c. Signature of Alternate Facility (or Generator)   |  |   |  |  |   | Month Day Year                        |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |   |  |  |   |                                       |
| 1. <b>H132</b>  |  | 2.  |  | 3.   |   | 4.                                    |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |   |  |  |   |                                       |
| Printed/Typed Name<br><b>Edwin Warren</b>   |  |   |  | Signature<br><i>Edwin Warren</i>                   |   | Month Day Year<br><b>08   27   21</b> |

TRU# 780-PA04645  
 TRU# 3852-4NK9115

11:20

Please print or type.

Form Approved. OMB No. 2050-0039

| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br>C A R 0 0 0 2 1 5 7 1 5   |      | 2. Page 1 of<br>1  | 3. Emergency Response Phone<br>800 458-3036 |                            | 4. Manifest Tracking Number<br><b>021782455 JJK</b> |  |  |
|---|--|---|------|--|---|----------------------------|---|--|--|
|   |  | 5. Generator's Name and Mailing Address<br>LUZ SOLAR PARTNERS<br>43880 HARPER LAKE<br>HINKLEY CA 92347<br>Generator's Phone: 780 782 3100 |      | Generator's Site Address (if different than mailing address) |   |                            |   |  |  |
| 6. Transporter 1 Company Name<br>MP Environmental Services  |  | U.S. EPA ID Number<br>C A T 0 0 0 6 2 4 2 4 7   |      |  |   |                            |   |  |  |
| 7. Transporter 2 Company Name   |  | U.S. EPA ID Number  |      |  |   |                            |   |  |  |
| 8. Designated Facility Name and Site Address<br>CLEAN HARBORS BUTTONWILLOW<br>2500 WEST LOKERN RD<br>BUTTONWILLOW CA 93208<br>Facility's Phone: 861 782-8200  |  | U.S. EPA ID Number<br>C A D 9 8 0 6 7 5 2 7 8   |      |  |   |                            |   |  |  |
| 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers  |      | 11. Total Quantity   | 12. Unit Wt./Vol.                           | 13. Waste Codes            |   |  |  |
|   |  | No.   | Type |  |   |                            |   |  |  |
|   | 1. NON RCRA HAZARDOUS WASTE SOLID (OIL, DEBRIS WITH THERMINOL)   | 0 0 1   | CM   | 15   | Y   | 352                        |   |  |  |
|   | 2.   |   |      |  |   |                            |   |  |  |
|   | 3.   |   |      |  |   |                            |   |  |  |
|   | 4.   |   |      |  |   |                            |   |  |  |
| 14. Special Handling Instructions and Additional Information  |  | 1)PROFILE # CH1785505B, DEBRIS, SOIL CONTAMINATED WITH THERMINOL<br><br>BIN + WBI      50# 2102693829                                     |      |  |   |                            |   |  |  |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |      |  |   |                            |   |  |  |
| Generator's/Offoror's Printed/Typed Name<br>Ivan Cunningham   |  |   |      | Signature<br>  |   | Month Day Year<br>05/26/21 |   |  |  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |  |   |      |  |   |                            |   |  |  |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |   |      |  |   |                            |   |  |  |
| Transporter 1 Printed/Typed Name<br>Grey Moore  |  |   |      | Signature<br>  |   | Month Day Year<br>05/26/21 |   |  |  |
| Transporter 2 Printed/Typed Name  |  |   |      | Signature  |   | Month Day Year             |   |  |  |
| 18. Discrepancy   |  |   |      |  |   |                            |   |  |  |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |  |   |      |  |   |                            |   |  |  |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____  |  |   |      |  |   |                            |   |  |  |
| 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____  |  |   |      |  |   |                            |   |  |  |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |   |      |  |   |                            |   |  |  |
| 1. H132   |  | 2.  |      | 3.   |   | 4.                         |   |  |  |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |   |      |  |   |                            |   |  |  |
| Printed/Typed Name<br>Humberto Diaz   |  |   |      | Signature<br>  |   | Month Day Year<br>5/26/21  |   |  |  |

1130

SO# 2106206660

Please print or type.

| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>   |  | 1. Generator ID Number<br>C A R 0 0 0 2 1 5 7 1 5 | 2. Page 1 of<br>1 | 3. Emergency Response Phone<br>800 458-3036                  | 4. Manifest Tracking Number<br>021783694 JJK |                                |  |
|---|--|---|-------------------|--|--|--------------------------------|--|
| 5. Generator's Name and Mailing Address<br>LUZ SOLAR PARTNERS<br>43880 HARPER LAKE<br>HINKLEY CA 92347  |  |   |                   | Generator's Site Address (if different than mailing address) |  |                                |  |
| Generator's Phone: 7 6 0 7 6 2 . 3 1 0 0  |  |   |                   |  |  |                                |  |
| 6. Transporter 1 Company Name<br>MP Environmental Services  |  |   |                   | U.S. EPA ID Number<br>C A T 0 0 0 8 2 4 2 4 7                |  |                                |  |
| 7. Transporter 2 Company Name   |  |   |                   | U.S. EPA ID Number   |  |                                |  |
| 8. Designated Facility Name and Site Address<br>CLEAN HARBORS BUTTONWILLOW<br>2500 WEST LOKERN RD<br>BUTTONWILLOW CA 93206  |  |   |                   | U.S. EPA ID Number<br>C A D 9 8 0 6 7 5 2 7 8                |  |                                |  |
| Facility's Phone: 661 762-6200  |  |   |                   |  |  |                                |  |
| 9a. HM  | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers                                    |                   | 11. Total Quantity   | 12. Unit Wt./Vol.                            | 13. Waste Codes                |  |
|   |  | No.   | Type              |  |  |                                |  |
|   | 1. NON RCRA HAZARDOUS WASTE SOLID (OIL, DEBRIS WITH THERMINOL)   | 1   | CM                | 10   | Y  | 352                            |  |
|   | 2.   |   |                   |  |  |                                |  |
|   | 3.   |   |                   |  |  |                                |  |
|   | 4.   |   |                   |  |  |                                |  |
| 14. Special Handling Instructions and Additional Information<br>1)PROFILE # CH1785605B, DEBRIS, SOIL CONTAMINATED WITH THERMINOL  |  |   |                   |  |  |                                |  |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. |  |   |                   |  |  |                                |  |
| Generator's/Offoror's Printed/Typed Name<br>Neal Davies   |  |   |                   | Signature<br>Neal Davies                                     |  | Month Day Year<br>12   10   21 |  |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____  |  |   |                   |  |  |                                |  |
| 17. Transporter Acknowledgment of Receipt of Materials  |  |   |                   |  |  |                                |  |
| Transporter 1 Printed/Typed Name<br>STEVE JONES   |  |   |                   | Signature<br>Steve Jones                                     |  | Month Day Year<br>12   10   21 |  |
| Transporter 2 Printed/Typed Name  |  |   |                   | Signature  |  | Month Day Year                 |  |
| 18. Discrepancy   |  |   |                   |  |  |                                |  |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection   |  |   |                   |  |  |                                |  |
| Manifest Reference Number: _____ U.S. EPA ID Number _____   |  |   |                   |  |  |                                |  |
| 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____   |  |   |                   |  |  |                                |  |
| Facility's Phone: _____   |  |   |                   |  |  |                                |  |
| 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____  |  |   |                   |  |  |                                |  |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)   |  |   |                   |  |  |                                |  |
| 1. H132   |  | 2.  |                   | 3.   |  | 4.                             |  |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  |  |   |                   |  |  |                                |  |
| Printed/Typed Name<br>Dan House   |  |   |                   | Signature<br>Dan House                                       |  | Month Day Year<br>12   10   21 |  |

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

# 2021 ANNUAL COMPLIANCE REPORT

II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

SEGS VIII & IX

---

## **Heat Transfer Fluid Shipments**

There were no HTF shipments to the SEGS VIII and IX facilities in 2021.



2021 ANNUAL COMPLIANCE REPORT

II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

SEGS VIII & IX

---

**BLM Habitat Well Water Usage**

**Annual Verification Report Form  
 and  
 Invoice for Administrative & Biological Assessments  
 4th Quarter (July 1 - September 30)  
 2020-21 Water Year**

|                          |                 |                                  |                    |
|--------------------------|-----------------|----------------------------------|--------------------|
| Account Number: HAR004P  | Subarea: Centro | Free Production Allowance (FPA): | 1,004 Ac-ft        |
| Harper Lake Company VIII |                 | Prior Year Carryover:            | 1,075 Ac-ft        |
| 43880 Harper Lake Road   |                 | FPA Transfers In:                | 0 Ac-ft            |
| Hinkley, CA 92347        |                 | FPA Transfers Out:               | 0 Ac-ft            |
|                          |                 | Carryover Transfers In:          | 0 Ac-ft            |
|                          |                 | Carryover Transfers Out:         | 0 Ac-ft            |
|                          |                 | <b>Total Adjusted FPA:</b>       | <b>2,079 Ac-ft</b> |

| State Well Number | Local Well Designation | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter Production | Current Well Status* | Estimated Annual Production |
|-------------------|------------------------|-------------|-------------|-------------|------------------------|----------------------|-----------------------------|
| 11N04W19E01       | WELL #34               | 0.00        | 0.00        | 0.00        | 0                      | T                    | 0                           |
| 11N04W19E02       | WELL #35               | 97.52       | 90.27       | 165.69      | 159.56                 | A                    | 513.04                      |
| 11N04W19J01       | WELL #40               | 12.35       | 11.21       | 110.08      | 63.05                  | A                    | 196.69                      |
| 11N04W19Q02       | WELL #36               | 2.37        | 1.60        | 2.20        | 3.09                   | A                    | 9.26                        |
| 11N04W28R01       | BLM Habitat Well       | 0.00        | 0.00        | 0.00        | 0                      | I                    | 0                           |
| 11N04W28R02       | BLM Habitat Well #02   | 15.46       | 2.22        | 20.51       | 17.69                  | A                    | 55.88                       |
| 11N05W24L01       | WELL #37               | 0.00        | 0.00        | 0.00        | 0                      | I                    | 0                           |
| 11N05W24P02       | WELL #38               | 0.00        | 0.00        | 0.00        | 0                      | I                    | 0                           |
| 11N05W24Q02       | WELL "D"               | 0.00        | 0.00        | 0.00        | 0                      | I                    | 0                           |
| <b>Totals:</b>    |                        | 127.70      | 105.30      | 298.48      | 243.39                 | Ac-Ft                | 774.87                      |

\* A=Active  
 I=Inactive  
 S=Sold  
 D=Destroyed  
 L=Leased  
 B=Abandoned  
 U=Unknown  
 M=Monitoring  
 T=Standby

Administrative Assessment @ \$ 3.55 per Ac-Ft (Production x \$ 3.55) \$ 864.03  
 Biological Assessment @ \$ 0.96 per Ac-Ft (Production x \$ 0.96) \$ 233.65  
 Total Amount Due \$ 1,097.68

Please indicate in the space below, the contact person you wish to receive all Watermaster mailings and their address.

Contact: Neal Davies Mailing Address: 43880 Harper Lake Road  
760-762-3100 x 225 HINKLEY CA 92347  
 Phone: City State Zip Code

I declare under penalty of perjury that the foregoing information is true and correct:

Neal Davies Terra-Gen Operating Company  
 Individual Company  
10-4-2021 Neal Davies  
 Date Company Agent  
10-4-2021

Payment is due and payable October 31, 2021.

Please attach a check to the top copy and return in the enclosed envelope with proper postage.

A charge of 1.25% per month or portion thereof will be assessed to any account past due.

If not received by October 31, 2021 your assessments will be calculated as if 25% of your Base Annual Production was produced.

Please make any corrections and/or additions on this page and attach supporting documentation.

2021 ANNUAL COMPLIANCE REPORT

II. BIOLOGICAL RESOURCES / WASTE MANAGEMENT

SEGS VIII & IX

---

**2021 BRMIP Statement of Compliance**



CARLSBAD  
CLOVIS  
IRVINE  
LOS ANGELES  
PALM SPRINGS  
POINT RICHMOND  
RIVERSIDE  
ROSEVILLE  
SAN LUIS OBISPO

January 31, 2022

Neal Davies  
Terra-Gen Operating Company  
43880 Harper Lake Road  
Hinkley, CA 92347

Subject: Biological Resources Mitigation Implementation Plan (BRMIP) Compliance

Dear Mr. Davies:

The Solar Energy Generating Systems (SEGS) VIII and IX facilities conducted all activities from January 1, 2021, to December 31, 2021, in compliance with the approved Biological Resources Mitigation Implementation Plan (BRMIP) and the portions of the California Energy Commission decision pertinent to biological resources.

Sincerely,

**LSA Associates, Inc.**

Richard A. Erickson  
Designated Biologist

## 2021 ANNUAL COMPLIANCE REPORT

### III. TRANSMISSION LINE SAFETY AND NUISANCE

### SEGS VIII & IX

---

#### CONDITIONS OF CERTIFICATION

##### SEGS VIII and IX

###### Condition 4

LUZ Solar Partners VIII and IX received no complaints from property owners or the public regarding problems due to induced voltages on vehicles, portable objects, metallic roofs, metallic building sidings, gutters, fences, irrigation equipment or other objects within the right-of-way for the calendar year 2021.

###### Condition 5

LUZ Solar Partners VIII and IX received no complaints of radio and television interference attributed to the transmission line facilities for the calendar year 2021.

###### Condition 6

LUZ Solar Partners VIII and IX maintained each transmission line pole site free of waste material and rubbish for the calendar year 2021.

**Transmission Line Inspection**

2021 Inspection

The transmission line between the Harper Lake facilities and Kramer Junction was inspected in April 2021. The transmission line poles were free of waste material and rubbish.

# 2021 ANNUAL COMPLIANCE REPORT

IV. DIESEL FUEL DATA

SEGS VIII & IX

---

## **Diesel Fuel Data**

2021 Diesel Fuel Purchases provided under separate cover.

# 2021 ANNUAL COMPLIANCE REPORT

V. QUALIFYING FACILITY STATUS

SEGS VIII & IX

---

## 2021 Facility Status

### SEGS VIII

**Power Output**

90,164 Gross MWh

**Primary Energy**

1,064,933 mmbtu

**Natural Gas Use**

1,925 mmbtu

### SEGS IX

**Power Output**

129,603 Gross MWh

**Primary Energy**

1,486,141 mmbtu

**Natural Gas Use**

8,789 mmbtu



## 2021 ANNUAL COMPLIANCE REPORT

V. QUALIFYING FACILITY STATUS

SEGS VIII & IX

### Power Plant Reliability

#### SEGS VIII - 2020 Production Data

|      | Net<br>Electrical<br>Production<br><br>(MWh) | Monthly Capacity Factors |              |              | Plant<br>Availability |
|------|--|--------------------------|--------------|--------------|-----------------------|
|      |  | On-<br>Peak              | Mid-<br>Peak | Off-<br>Peak |                       |
| Jan  | 760  |                          | 92.5%        | 11.1%        | 100%                  |
| Feb  | 5,968  |                          | 39.4%        | 3.6%         | 100%                  |
| Mar  | 10,709                                       |                          | 69.3%        | 6.9%         | 100%                  |
| Apr  | 14,253                                       |                          | 88.0%        | 8.1%         | 100%                  |
| May  | 15,050                                       |                          | 81.6%        | 10.4%        | 87%                   |
| Jun  | 8,610  | 32.3%                    | 16.0%        | 8.5%         | 100%                  |
| Jul  | 7,585  | 34.7%                    | 54.6%        | 5.2%         | 100%                  |
| Aug  | 9,405  | 43.8%                    | 72.5%        | 6.2%         | 100%                  |
| Sep  | 7,242  | 34.6%                    | 47.1%        | 5.8%         | 100%                  |
| Oct  | 2,740  |                          | 11.7%        | 2.7%         | 100%                  |
| Nov  | 0  |                          |              |              |                       |
| Dec  | 0  |                          |              |              |                       |
| Year | 82,322                                       |                          |              |              | 99%                   |

#### SEGS IX - 2020 Production Data

|      | Net<br>Electrical<br>Production<br><br>(MWh) | Monthly Capacity Factors |              |              | Plant<br>Availability |
|------|--|--------------------------|--------------|--------------|-----------------------|
|      |  | On-<br>Peak              | Mid-<br>Peak | Off-<br>Peak |                       |
| Jan  | 453  |                          | 91.3%        | 11.7%        | 100%                  |
| Feb  | 5,478  |                          | 35.0%        | 3.7%         | 78%                   |
| Mar  | 10,299                                       |                          | 63.9%        | 7.3%         | 100%                  |
| Apr  | 11,713                                       |                          | 70.3%        | 7.1%         | 100%                  |
| May  | 18,649                                       |                          | 98.8%        | 13.5%        | 100%                  |
| Jun  | 13,400                                       | 48.5%                    | 22.4%        | 15.1%        | 88%                   |
| Jul  | 12,329                                       | 59.0%                    | 83.8%        | 8.5%         | 100%                  |
| Aug  | 15,613                                       | 77.0%                    | 106.2%       | 10.3%        | 100%                  |
| Sep  | 12,312                                       | 59.8%                    | 80.8%        | 9.6%         | 100%                  |
| Oct  | 7,931  |                          | 40.5%        | 6.1%         | 100%                  |
| Nov  | 5,464  |                          | 32.1%        | 3.5%         | 100%                  |
| Dec  | 2,281  |                          | 13.0%        | 1.4%         | 71%                   |
| Year | 115,922                                      |                          |              |              | 95%                   |

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**Compliance Matrix**

| COMPLIANCE REQUIREMENTS FOR SEGS VIII & SEGS IX |  |               |   |  |
|---|--|---------------|---|--|
|   |  |               |   | Date: February 07, 2016  |
| CONDITION                                       | ISSUE  | SUBMIT TO     | PERMIT REQUIREMENTS   | STATUS   |
| <b>AIR QUALITY</b>                              |  |               |   |  |
| AQ 1-1<br>IX<br>AQ 1-1<br>VIII                  | Restrict heater NO <sub>x</sub> emissions <328.5 lb/day<br>Low NO <sub>x</sub> burners     |               | Effective 6/1/92<br><br>Install low NO <sub>x</sub> burners   | Deleted May 10, 2001<br><br>Complete                               |
| AQ 1-2<br>IX<br>AQ 1-2<br>VIII                  | NO <sub>x</sub> emission controls to Southern Cal Gas engines<br>NO <sub>x</sub> emissions | CEC<br>CPM    | Must be modified by 6/1/91<br><br>Monitor NO <sub>x</sub> emissions at III, IV & VIII. Submit Quarterly Compliance Reports. | Complete<br><br>Deleted May 10, 2001                               |
| AQ 1-3b<br>IX                                   | Tests of modified engines  | MDAQMD<br>CPM | Source tests for modified engines   | Ongoing<br>Currently under review                                  |
| AQ 1-3, AQ1-4<br>VIII<br>AQ 1-4b<br>IX          | PM10 control   | CEC<br>CPM    | Provide PM10 control plan & mitigation<br>Treat roads with magnesium chloride as needed for fugitive dust control           | Complete<br><br>MgCl applied to Hoffman, Lockhart & Santa Fe Roads |
| AQ 1-5  | Revised PM10 emission limit  |               | Revise PM10 limits after workshop   | Complete   |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |   |                                |
|--|---|------------------|---|--------------------------------|
|  |   |                  |   | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>  | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                  |
| AQ1-6  | PM10 control  |                  | Treat roads with magnesium chloride                                       | See AQ 1-4                     |
| AQ 1-7   | Source test protocol for cooling tower                              |                  | Submit protocol for measuring PM101                                       | Complete                       |
| AQ 1-8   | Test requirements for cooling tower                                 |                  | Comply with requirements in cooling tower source tests                    | Complete                       |
| AQ 1-10  | Collect SEGS VIII data, NO <sub>x</sub> >300 lb/day data collection |                  | Report occasions when NO <sub>x</sub> >300 lb/day from 3/1/90 to 12/31/92 | Complete                       |
| AQ 1-11<br>VIII & IX                                       | Applicable district rules   | CEC              | Comply with all applicable rules of SBCAPCD<br>Annual report              | Ongoing<br>Ongoing             |
| AQ 1-12<br>VIII & IX                                       | Other applicable rules  | CEC              | Compliance with applicable federal and State rules<br>Quarterly report    | Ongoing<br>Ongoing             |
| AQ 1-13<br>VIII & IX                                       | Permit conditions   | MDAQMD<br>CEC    | Any changes to MDAQMD required emission controls subject to review        | Ongoing, as required           |
| AQ 1-14<br>VIII & IX                                       | BACT requirement  | MDAQMD           | Specifies emission limits   | Ongoing                        |
| AQ 1-15<br>VIII & IX                                       | Design changes  | MDAQMD<br>CEC    | Modification to heaters requires MDAQMD approval                          | Ongoing, as required           |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                             |   |   |
|--|---|-----------------------------|---|---|
|  |   |                             |   | <b>Date: February 07, 2016</b>                                |
| <b>CONDITION</b>   | <b>ISSUE</b>                                    | <b>SUBMIT TO</b>            | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>   |
| AQ 1-19<br>VIII & IX                                       | Malfunction / Breakdown Provisions              | MDAQMD                      | Promptly notify MDAQMD of any violations  | Ongoing   |
| AQ 1-20<br>VIII & IX                                       | Right to Entry                                  | MDAQMD<br>CARB,<br>EPA, CEC | Permit authorized personnel to enter for inspection. Have records available for inspection.   | Ongoing   |
| AQ 1-21<br>VIII & IX                                       | Transfer of Ownership                           | MDAQMD<br>CEC               | Notify by letter succeeding owners & operators that the Commission Decision\Permit to Operate is binding on all subsequent owners & operators   | Ongoing, as required  |
| AQ 1-23  | Emission limits during installation and testing |                             | Use best heater operation<br>Approval for heater test >16 hours<br>Verify 25 ppm by source test<br>If NO <sub>x</sub> emissions above lbs/day limit<br>1. Submit plan for approval<br>2. Implement changes  | Complete<br><br>PTO modified                                  |
| AQ 1-24<br>VIII & IX                                       | Operational phase                               | MDAQMD                      | Restrict heater consumption to no more than 9.5x10 <sup>6</sup> therms<br>Operate cooling tower <4,000 hrs/yr<br>Perform heater compliance testing annually<br>Submit gas use data & circ water pump daily hrs of operation in quarterly report<br>Submit results of Heaters Compliance Testing in Annual Compliance Report | Deleted May 10, 2001<br><br>Ongoing<br>Ongoing<br><br>Ongoing |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                      |   |  |
|--|---|----------------------|---|--|
|  |   |                      |   | <b>Date: February 07, 2016</b>                 |
| <b>CONDITION</b>   | <b>ISSUE</b>                            | <b>SUBMIT TO</b>     | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                                  |
|  |   |                      | along with daily Heaters Nat Gas consumption and Cooling Tower Fans' daily hrs of operation.  |  |
| AQ 1-25  | Fuel use                                |                      | Use only commercial grade natural gas as fuel   | Ongoing  |
| AQ 1-26<br>VIII & IX                                       | Opacity limits                          | MDAQMD               | Monitor visible emissions   | Ongoing  |
| AQ 1-27  | CEMS                                    |                      | Submit CEMS plan for approval<br>Order and install CEMS<br>Certification test; cylinder gas audit<br>and RATA tests<br>Test report  | Complete<br>Complete<br>Ongoing<br><br>Ongoing |
| AQ 1-28<br>VIII & IX                                       | Compliance test                         | MDAQMD<br>CEC        | Submit revised plan for approval<br>Conduct test<br>Test particulates every fifth year  | Ongoing  |
| AQ 1-29<br>VIII & IX                                       | Monitoring plan\ Reporting requirements | MDAQMD<br>CEC<br>CPM | Have a Monitoring Plan.<br>Submit quarterly reports to MDAQMD<br>Daily NO <sub>x</sub> emissions in ppm and lbs/hr<br>Quarterly total tons emitted for NO <sub>x</sub> based on CEMS data | Ongoing  |

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| COMPLIANCE REQUIREMENTS FOR SEGS VIII & SEGS IX |                        |                    |   |                         |
|---|------------------------|--------------------|---|-------------------------|
|   |                        |                    |   | Date: February 07, 2016 |
| CONDITION                                       | ISSUE                  | SUBMIT TO          | PERMIT REQUIREMENTS   | STATUS                  |
|   |                        |                    | Quarterly total tons for particulate and CO based on compliance test and fuel consumption<br>Number of exceedances of permit limits, the corresponding maximum & duration of each exceedance<br>Rolling average NO <sub>x</sub> emissions for HTF heaters, diesel generators, diesel fire pumps<br>When CEMS data is missing, use previous 24 hours of NO <sub>x</sub> emission data<br>Records of fuel oil purchase, sulfur content, quantity and Btu content<br>Natural gas consumption<br>Submit annual reports to CEC<br>Send quarterly reports to MDAQMD |                         |
| AQ 1-30<br>VIII & IX                            | Operating logs         | MDAQMD<br>CARB CEC | Maintain daily operating logs & charts on-site; retain for 1 year   | Ongoing                 |
| AQ 1-31   | Air monitoring         |                    | Monitor air quality and submit data<br>Obtain approval to cease   | Complete                |
| AQ 1-32   | Fugitive dust controls |                    | Comply with MDAQMD 401, 402 & 403. Have an approved Dust Control Plan.  | Ongoing                 |
| AQ 1-33   |                        | MDAQMD             |   | Ongoing                 |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                      |   |                                       |
|--|---|----------------------|---|---------------------------------------|
|  |   |                      |   | <b>Date: February 07, 2016</b>        |
| <b>CONDITION</b>   | <b>ISSUE</b>  | <b>SUBMIT TO</b>     | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                         |
| VIII & IX  | Diesel Gen Set & Fire Pump: Use low sulfur diesel, submit records | CEC                  | Submit data in quarterly report to incl records of fuel oil purchased, sulfur content, quantity, and BTU value. Diesel generator and fire pump fuels must contain less than 0.5% sulfur by weight                             |                                       |
| AQ 1-34<br>VIII & IX                                       | Control of unregulated pollutants                                 | MDAQMD<br>CEC        | Do not use hexavalent chromium compounds in cooling tower water circulating system  | Ongoing                               |
| AQ 1-37<br>IX<br>AQ 1-38<br>VIII                           | Emission limits   | MDAQMD<br>CEC        | NO <sub>x</sub> limit at 547 lbs/day for aggregate of all equipment and 45.9 tons on rolling annual average.<br>Restrict CO & particulate emissions to values in tables I, II, & III<br>Submit above data in quarterly report | Ongoing<br><br>Ongoing<br><br>Ongoing |
| AQ 1-38<br>IX<br>AQ 1-39<br>VIII                           | Missing CEMS data   | MDAQMD<br>CEC        | Use average data when CEMS is out of service.<br>Submit Missing Data Nox emissions calculations in Quarterly Report   | Ongoing                               |
| AQ 1-39(4)<br>IX<br>AQ 1-40(4)<br>VIII                     | Notification and recordkeeping                                    | MDAQMD<br>EPA<br>CEC | Notify EPA and APCD if emissions exceed 547 lbs/day average<br>Maintain five-year file of CEMS data   | Ongoing                               |
| AQ 1-40  |   | MDAQMD               |   | Ongoing, as needed                    |

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|--|---|------------------|--|--|
|  |   |                  |  | <b>Date: February 07, 2016</b>   |
| <b>CONDITION</b>   | <b>ISSUE</b>                            | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>  |
| IX<br>AQ 1-41<br>VIII                                      | Prevention of significant deterioration | CEC              | Review emission changes for 100-ton/year level<br>If site is a major source, file for PSD permit   | Ongoing, as needed   |
| AQ 1-41<br>IX  | HTF heater operation                    |                  | Correct SEGS VIII heater design that caused accident<br>Agency approval before firing IX   | Complete<br>Complete   |
| <b>BIOLOGICAL RESOURCES</b>                                |   |                  |  |  |
| BR 1<br>(BRMIP 5.0)  | Habitat compensation                    |                  | Enter into agreement with CDFG<br>Provide for Mohave ground squirrel habitat<br>Provide for off-site desert tortoise habitat<br>Transfer title of ownership to CDFG<br>Deposit land purchasing funds<br>Provide funds for enhancement and management including Annual Maintenance payments.<br>Provide CEC with signed copy of agreement with CDFG<br>Notify CEC of land purchases, subject to consultation with CDFG, BLM and USFWS | Complete<br>Complete<br>Complete<br>Complete<br>Complete<br>Complete<br>Complete<br>Complete |
| BR 2   |   |                  | Submit signs, letters, etc. to the CEC   | Complete   |



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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |                                       |                  |   |                                      |
|--|---------------------------------------|------------------|---|--------------------------------------|
|  |                                       |                  |   | <b>Date: February 07, 2016</b>       |
| <b>CONDITION</b>   | <b>ISSUE</b>                          | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                        |
| VIII   | Public notice of habitat compensation |                  |   |                                      |
| BR 2<br>(BRMIP 2.0)<br>IX<br>BR 3<br>VIII                  | Designated biologist                  |                  | Submit qualifications of biologist to CEC for approval. If change biologists, submit qualifications for approval. | Complete<br>Ongoing, as required     |
| BR 3<br>(BRMIP 4.1)<br>BR 4a<br>VIII                       | Surface disturbance restrictions      |                  | Designate off-limit areas<br>Obtain approval from designated biologist for any surface disturbance                | Complete<br>Ongoing, as required     |
| BR 4<br>(BRMIP 4.2)<br>IX<br>BR 4b<br>VIII                 | Off-road travel restrictions          |                  | Prohibit off-road travel in sensitive biological areas. Post signs, Include in Environmental Awareness Training.  | Complete<br>Ongoing (for Operations) |
| BR 4c<br>VIII  | Transmission line plant survey        |                  | Identify botanically sensitive areas along transmission line  | Complete                             |
| BR 4d<br>VIII  | Temporary travel ways                 |                  | Designate temporary travel ways along the transmission lines  | Complete                             |
| BR 4e<br>VIII  | Wildlife preservation                 |                  | Identify active desert tortoise & Mohave ground squirrel burrows along transmission lines                         | Complete                             |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |                              |                          |   |  |
|--|------------------------------|--------------------------|---|--|
|  |                              |                          |   | <b>Date: February 07, 2016</b>   |
| <b>CONDITION</b>   | <b>ISSUE</b>                 | <b>SUBMIT TO</b>         | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>  |
|  |                              |                          | Obtain MOU from CDFG<br>Salvage & relocate desert tortoises as needed   | Complete<br>Complete   |
| BR 4h<br>VIII<br>BR 8<br>IX<br>(BRMIP 4.6)                 | Employee Awareness Training  | CEC CPM<br>USFWS<br>CDFG | Provide training to new employees;<br>keep records<br>Provide brochure to contractors<br>Post brochure  | Ongoing<br><br>Ongoing   |
| BR 4j<br>(BRMIP 4.10)<br>VIII                              | Anti-perching devices        |                          | Install anti-perching (Nixalite) devices on transmission line towers & poles<br>Monthly inspection by designated biologist during raven nesting season for at least 5 years | Complete<br><br>Complete   |
| BR 5<br>IX<br>(BRMIP 4.3)                                  | Desert tortoise preservation |                          | Salvage & relocate desert tortoises as needed<br>Obtain MOU from CDFG<br>Obtain Section 7 Consultation from USFWS   | Ongoing<br><br>Complete<br>Complete  |
| BR 5<br>VIII   | Wetlands Enhancement Plan    | CEC CPM                  | Submit plan for approval<br>Discharge blowdown to north marsh unless detrimental to wildlife<br>In lieu of marsh discharge, construct evap ponds                            | Deleted April 26, 2000<br><br>Deleted April 26, 2000<br><br>Deleted April 26, 2000 |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |  |                  |  |   |
|--|--|------------------|--|---|
|  |  |                  |  | <b>Date: February 07, 2016</b>  |
| <b>CONDITION</b>   | <b>ISSUE</b>                             | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>   |
|  |  |                  | Monitor water quality & wildlife usage of wetlands or ponds  |   |
| BR 6<br>(BRMIP 4.4)<br>BR 4f<br>VIII                       | Desert tortoise fencing                  | CEC              | Construct permanent tortoise-proof fence around facility<br>Fence design approval from CEC/CDFG/ USFWS/BLM<br>Construct tortoise fence on HLR                            | Complete<br><br>Complete<br><br>Complete                              |
| BR 7<br>(BRMIP 4.5)<br>IX<br>BR 4g<br>VIII                 | Speed limits                             |                  | Post speed limits along travel ways<br>Obtain approval from CDFG   | Complete<br>Complete  |
| BR 8<br>(BRMIP 4.6)<br>IX                                  | Employee environmental awareness program | CEC              | Provide educational brochure<br>Conduct employee orientation<br>Distribute "Sensitive Wildlife Observation Forms" to all employees<br>Collect employee signed affidavits | Complete<br>Ongoing, as required<br>Complete<br><br>Complete          |
| BR 8<br>(BRMIP 7.0)<br>VIII                                | Central & southern wetlands study        |                  | Submit study protocol to CEC for approval<br>Conduct investigations of central & southern marshes for two years<br>Convey discharge water to marshes                     | Complete<br><br>Payment pending<br><br>On hold, pending COC amendment |
| BR 9   |  |                  |  | Complete  |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |                                    |                  |  |   |
|--|------------------------------------|------------------|--|---|
|  |                                    |                  |  | <b>Date: February 07, 2016</b>  |
| <b>CONDITION</b>   | <b>ISSUE</b>                       | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>   |
| IX<br>(BRMIP 4.7)<br>BR 4i<br>VIII                         | Trash and litter control program   |                  | Supply covered trash and litter receptacles in strategic locations<br>Bury trash and litter or dispose of in covered dumpsters   | Complete  |
| BR 9<br>VIII<br>(BRMIP 8.0)                                | Agricultural discharge to wetlands |                  | Monitor agricultural discharge to southern & central marshes<br>Notify CEC of any changes in discharge volumes<br>Provide supplemental well water to discharge water as needed   | Complete<br><br>Complete<br><br>Complete  |
| BR 10<br>IX<br>(BRMIP 4.8)<br>BR 4k<br>VIII                | Habitat restoration                |                  | Restoration/revegetation of temporarily disturbed areas  | Complete  |
| BR 11<br>(BRMIP 6.0)<br>IX                                 | Evaporation pond monitoring plan   |                  | Maintain appropriate pond depth<br>Maintain fencing<br>Conduct annual invertebrate sampling<br>Conduct lab analysis of samples<br>Notify CEC and CDFG if selenium levels exceed 4 ppm<br><br>Submit quarterly pond monitoring report to CDFG | Ongoing<br><br>Ongoing<br>Ongoing<br>Ongoing, as required<br><br>Ongoing<br><br>Ongoing |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |  |  |
|--|---|------------------|--|--|
|  |   |                  |  | <b>Date: February 07, 2016</b>           |
| <b>CONDITION</b>   | <b>ISSUE</b>                            | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>                            |
|  |   |                  | Allow up to 75 ac ft of water per year to BLM for north marsh enhancement. Submit annual BLM usage to CEC.   |  |
| BR 11<br>(BRMIP 6.0)<br>VIII                               | Transmission line mitigations           |                  | Prepare transmission line mitigation measures<br>Submit transmission line mitigations for CEC approval<br>Implement transmission line mitigation measures                    | Complete<br><br>Complete<br><br>Complete |
| BR 12<br>(BRMIP 8.0)                                       | BRMIP approval                          |                  | Submit BRMIP to CEC for approval   | Complete                                 |
| BR 13<br>(BRMIP 8.0)<br>IX<br>BR 6<br>VIII                 | Implement and monitor compliance issues | CEC<br>CPM       | Submit monthly compliance status report to CEC<br>Submit annual compliance report from designated biologist to CEC<br>Notify CEC of any adverse impacts to sensitive species | Complete<br><br>Ongoing<br><br>Ongoing   |
| BR 14<br>(BRMIP 8.0)<br>IX<br>BR 7<br>VIII                 | Site access                             |                  | Provide letter of authorization to CEC   | Complete                                 |
| BR 3-BR 11   | Weekly activity report                  |                  | Notify CEC in the weekly report  | Ongoing                                  |

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|--|--|-------------------|---|--------------------------------|
|  |  |                   |   | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>   | <b>SUBMIT TO</b>  | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                  |
| <b>WATER RESOURCES</b>                                     |  |                   |   |                                |
| WR 1   | Well logs and data                                       |                   | Submit logs and data  | Complete                       |
| WR 2<br>VIII & IX  | Extracted groundwater consumption                        | CEC CPM<br>LRWQCB | Provide for each well extracting groundwater in Annual Compliance Report: standing water levels, pumping rates, total water extraction          | Ongoing                        |
| WR 3   | Water well flow meters                                   |                   | Submit as-built drawings to CEC   | Complete                       |
| WR 4<br>IX   | Water supply   | CEC<br>LRWQCB     | Limit groundwater extractions to 950 acre/ft per yr; provide data   | Ongoing                        |
| WR 4<br>VIII   | NPDES permit for cooling tower blowdown                  |                   | Obtain WDR from LRWQCB  | Complete                       |
| WR 6<br>IX   | Waste discharge requirements (WDR) for condensate system |                   | Obtain WDR from LRWQCB  | Complete                       |
| WR6<br>VIII  | Liquid discharge to ponds                                | CEC<br>CPM        | Inform CEC of change in WDR's<br>Submit with Annual Report copies of quarterly reports to LRWQCB and status of current waste disch requirements | Ongoing                        |
| WR 7   |  |                   | Obtain WDR from LRWQCB  | Complete                       |

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|--|--|----------------------|--|---|
|  |  |                      |  | <b>Date: February 07, 2016</b>                              |
| <b>CONDITION</b>   | <b>ISSUE</b>   | <b>SUBMIT TO</b>     | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>   |
| IX<br>WR 5<br>VIII   | WDR for cooling tower blowdown                       |                      |  |   |
| WR 7<br>VIII   | Erosion control plan                                 |                      | Submit plan to CEC   | Complete  |
| WR 8<br>IX<br>WR 6<br>VIII                                 | Water Quality  | CEC<br>CPM<br>LRWQCB | Notification of changes in LRWQCB WDRs<br>Quarterly reports<br>Submit status of current WDRs   | Ongoing, as required<br><br>Ongoing<br>Ongoing, as required |
| WR8<br>VIII  | Flood Hazard   | CEC<br>CPM           | Protect adjacent private property from flooding, scouring & erosion as result of operations<br>Submit Annual statement in Annual Compliance Report describing any maintenance or repairs on adjacent private property due to flooding, scouring, erosion | Complete<br><br>Ongoing, as required                        |
| WR 9   | Protect land from runoff for 25-year (not 100) storm |                      | Construct dike along north boundary of Section 13<br>Prepare as-builts   | Complete<br><br>Complete                                    |
| WR 10<br>IX<br>WR 12 & 13<br>VIII                          | Water flow easements                                 |                      | Obtain easements or provide flood protection   | Complete  |

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| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |  |                                |
|--|---|------------------|--|--------------------------------|
|  |   |                  |  | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>  | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>                  |
| WR 11  | Extend 100 year dike & channel to southern border of Section 25 |                  | Certify to CEC that dike & channel will be built   | Complete                       |
| WR 14<br>VIII  | Well permits  | CEC<br>CPM       | Submit all copies of well drilling permits in Annual Compliance Report   | Ongoing                        |
| <b>SOCIOECONOMICS</b>                                      |   |                  |  |                                |
| SE 4<br>IX<br>SE 2c<br>VIII                                | Payments to schools   | CEC              | Submit copies of checks<br>Submit copies of signed agreements  | Complete<br>Complete           |
| SE 7<br>VIII   | Impacts to local fire protection                                | CEC<br>CPM       | Mitigate impacts caused to local fire protection agencies<br>Identify demand placed on local agencies in Quarterly Reports & specify agency costs paid by LSP.<br>CEC may require additional compensation. | Ongoing                        |
| SE 8   | Fire protection agreement                                       |                  | Sign agreement   | Complete                       |
| <b>PUBLIC HEALTH</b>                                       |   |                  |  |                                |
| PH 1   | HTF barrier   | CEC              |  | Complete                       |



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VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |                                       |                  |  |                                |
|--|---------------------------------------|------------------|--|--------------------------------|
|  |                                       |                  |  | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>                          | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>                  |
|  |                                       | SBCCBO           | Prepare plan for barriers to protect HTF piping<br>Submit plan<br>Install barriers                     | Complete<br>Complete           |
| PH 2   | HTF release plan                      | CEC              | Submit documentation of procedures<br>Inform CEC of training schedule                                  | Complete<br>Complete           |
| PH 3   | Construction employee protection plan | CEC              | Develop/implement plan<br>Install required equipment   | Complete<br>Complete           |
| PH 4   | Employee protection plan              | CEC              | Develop/implement plan<br>Install required equipment   | Complete<br>Complete           |
| PH 5<br>IX   | Protective equipment                  | CEC              | Provide equipment  | Complete                       |
| PH 5<br>VIII   | Materials handling procedures         |                  | Submit procedures to CEC   | Complete                       |
| PH 6<br>VIII & IX  | Cooling tower water treatment         | CEC              | Obtain written approval for use of chemicals not in Table 2  | Ongoing, as required           |
| PH 7<br>IX   | Extremely hazardous materials         | CEC              | Do not use chemicals listed extremely hazardous without an approved Risk Management Prevention Program | Ongoing, as required           |

2021 ANNUAL COMPLIANCE REPORT  
SEGS VIII & IX

VI. CONDITIONS OF CERTIFICATION

| COMPLIANCE REQUIREMENTS FOR SEGS VIII & SEGS IX |  |                             |   |  |
|---|--|-----------------------------|---|--|
|   |  |                             |   | Date: February 07, 2016                      |
| CONDITION                                       | ISSUE  | SUBMIT TO                   | PERMIT REQUIREMENTS   | STATUS                                       |
| <b>WASTE MANAGEMENT</b>                         |  |                             |   |  |
| WM 1<br>VIII & IX                               | Disposal of hazardous & non-hazardous wastes |                             | Dispose of waste at approved facilities<br>Provide verification to CEC via compliance reports                                       | Ongoing, as required<br>Ongoing, as required |
| WM 2  | Solid waste management plan                  |                             | Submit plan to CEC □ 6 months after project certification   | Complete                                     |
| WM 3<br>IX<br>WM 6<br>VIII                      | Waste summary report                         | CEC<br>CPM                  | Submit description of project related hazardous waste, including: quantity and type of waste, disposal methods, and facilities used | Ongoing                                      |
| WM 3<br>VIII                                    | Use of alternative anti-corrosion agent      | DHS<br>CEC<br>CPM<br>LRWQCB | If anti-corrosive agent is used, test waste for hazardous determination<br>Obtain waste discharge permit from LRWQCB if required    | Ongoing, as required<br>Ongoing, as required |
| WM 4<br>IX<br>WM 2<br>VIII                      | Hazardous waste generator permit for HTF     |                             | Obtain permit from DTSC (CDHS)  | Ongoing                                      |

**2021 ANNUAL COMPLIANCE REPORT**  
**SEGS VIII & IX**

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |                                  |                   |   |   |
|--|----------------------------------|-------------------|---|---|
|  |                                  |                   |   | <b>Date: February 07, 2016</b>                                  |
| <b>CONDITION</b>   | <b>ISSUE</b>                     | <b>SUBMIT TO</b>  | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>   |
| WM 5 IX<br>WM4 VIII  | Hazardous waste storage          | DHS<br>CEC<br>CPM | If hazardous waste is stored over 90 days obtain determination<br>Notify if Hazardous Waste Facility Permit is granted by DHS<br>Store & dispose of waste per DHS regulations | Ongoing, as required<br><br>Ongoing, as required<br><br>Ongoing |
| WM 5 VIII  | Sanitary waste disposal          |                   | Submit  |   |
| WM 6 IX<br>WM 7 VIII                                       | Waste-related enforcement action | CEC<br>CPM        | Notify CEC of any action against owner or waste handlers  | Ongoing, as required  |
| WM 7 IX<br>WM 8 VIII                                       | HTF shipment records             | CEC<br>CPM        | Maintain records of all HTF shipments   | Ongoing   |
| WM 8 IX<br>WM9 VIII  | HTF spill □20 gallons            | CEC<br>CPM        | Notify CEC within 48 hours<br>Submit written verification of the spill & clean-up measures  | Ongoing, as required  |
| WM 9 IX<br>WM 10   | HTF spill cleanup to <3000 ppm   | CEC<br>CPM        | Clean up spills to level that leaves < 3000mg/kg of HTF in soil   | Ongoing, as required  |

**2021 ANNUAL COMPLIANCE REPORT**  
**SEGS VIII & IX**

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |   |                                |
|--|---|------------------|---|--------------------------------|
|  |   |                  |   | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>  | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                  |
| VIII   |   |                  | Submit spill report to CEC within 30 days<br>Submit a manifest of disposed HTF  |                                |
| WM 11<br>VIII  | Solid waste management plan   |                  | Submit plan to CEC < 6 months after project certification   | Complete                       |
| <b>PUBLIC AND WORKER SAFETY</b>                            |   |                  |   |                                |
| PWS 1  | Heater Operating, SUS, and Emergency SD Procedure and Operator Training Program | CEC<br>CPM       | Procedure to also address errors that could result from operation of different heater designs by same personnel in same control room. Staff Training on these procedures. |                                |
| PWS 2  | Yearly Status Reports   | CEC<br>CPM       | Yearly Status Reports on Equipment Failures and effectiveness of inspection and maintenance procedures on critical systems.   |                                |
| <b>SAFETY &amp; FIRE PROTECTION</b>                        |   |                  |   |                                |
| ISFP 1<br>IX<br>PWFS 1                                     | Safety plan   | CEC<br>CPM       | Implement Safety Plan<br>Provide access to project area, facilities & maintain records  | Complete<br>Ongoing            |
| ISFP 2   | Certificate of Occupancy  |                  | Obtain certificate from SBCFFW  | Complete                       |

2021 ANNUAL COMPLIANCE REPORT  
SEGS VIII & IX

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |   |                                |
|--|---|------------------|---|--------------------------------|
|  |   |                  |   | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>  | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>  | <b>STATUS</b>                  |
|  |   |                  | Submit copy to CEC  | Complete                       |
| PWFS 2<br>VIII<br>ISFP p. 386                              | Fire protection element of safety plan<br>Fire safety |                  | Develop fire brigade training program<br>Maintain fire-fighting equipment   | Complete<br>Ongoing            |
| <b>POWER PLANT RELIABILITY</b>                             |   |                  |   |                                |
| PPR 1  | Preventive maintenance program                        |                  | Inventory management plan<br>Maintenance and repair training program  | Complete<br>Ongoing            |
| PPR 2<br>VIII & IX   | Operational Logs                                      | CEC<br>CPM       | Maintain logs of equipment failure data & operational data for all major equipment<br>Maintain monthly operational data | Ongoing                        |
| <b>QUALIFYING FACILITY STATUS</b>                          |   |                  |   |                                |
| QFS 1<br>VIII & IX   |   | CEC<br>CPM       | Operate facility in accordance with requirements of Title 18 CFR<br>Continuously monitor total energy input             | Ongoing                        |

**2021 ANNUAL COMPLIANCE REPORT  
SEGS VIII & IX**

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |  |                                  |
|--|---|------------------|--|----------------------------------|
|  |   |                  |  | <b>Date: February 07, 2016</b>   |
| <b>CONDITION</b>   | <b>ISSUE</b>                                    | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>                    |
| <b>TRANSMISSION LINE SAFETY &amp; NUISANCE</b>             |   |                  |  |                                  |
| TLSN 6<br>VIII & IX  | Transmission line maintenance                   | CEC<br>CPM       | Keep transmission line pole sites free from rubbish<br>Provide information about inspection, clean up & fire protection near poles | Ongoing<br><br>Ongoing           |
|  |   |                  |  |                                  |
| <b>FACILITY SECURITY &amp; DECOMMISSIONING</b>             |   |                  |  |                                  |
| DC 1<br>VIII   | Decommissioning                                 | CEC<br>CPM       | File decommissioning plan  | 12 months before decommissioning |
| FS/DC 2<br>IX  | Decommissioning                                 | CEC<br>CPM       | File decommissioning plan in IX's 25th year of operation<br>Pre-filing workshop with CEC   | Ongoing, as required             |
| FS/DC 3<br>IX  | Decommissioning                                 | CEC<br>CPM       | Obtain approval prior to decommissioning activities  | 12 months before decommissioning |
| FS/DC 1<br>IX  | Updates to security & facility maintenance plan | CEC<br>CPM       | Submit updates to Plan, including the adequacy of the security/decommissioning fund  | Ongoing                          |
| <b>MISCELLANEOUS</b>                                       |   |                  |  |                                  |

**2021 ANNUAL COMPLIANCE REPORT**  
**SEGS VIII & IX**

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |   |                  |  |                                |
|--|---|------------------|--|--------------------------------|
|  |   |                  |  | <b>Date: February 07, 2016</b> |
| <b>CONDITION</b>   | <b>ISSUE</b>                              | <b>SUBMIT TO</b> | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>                  |
| N 1  | Noise complaints                          |                  | Develop noise complaints program                                   | Complete                       |
| N 2  | Public noise surveys                      | CEC              | Conduct surveys & submit report                                    | Complete                       |
| N 3  | Occupational noise surveys                | CEC              | Conduct surveys & submit report                                    | Complete                       |
| N 4  | IC engine noise                           |                  | Install mufflers   | Complete                       |
| PCR 1-8  | Paleontological & cultural resources      |                  | All surveys, plans & reports                                       | Complete                       |
| PCR 7  | Final paleontological resources report    |                  | Submit final report to CEC<br>Submit final report to Paleo Library | Complete                       |
| PCR 13   | Cultural resources found                  |                  | Maintain files showing proof of cultural resource analysis         | Complete                       |
| PCR 15   | Final cultural resources report           |                  | Maintain on file   | Complete                       |
| PCR 16   | Agreements for cultural resource curation |                  | Maintain on file   | Complete                       |
| TT1  | Transportation Permits submittal          | CEC CPM          | In Quarterly Reports notify the CEC of any Transportation Permits  |                                |
| TT 5<br>IX   |   |                  | Sign agreement 60 days after CEC decision                          | Request to amend; COC pending  |

**2021 ANNUAL COMPLIANCE REPORT**  
**SEGS VIII & IX**

VI. CONDITIONS OF CERTIFICATION

| <b>COMPLIANCE REQUIREMENTS FOR SEGS VIII &amp; SEGS IX</b> |  |                   |  |  |
|--|--|-------------------|--|--|
|  |  |                   |  | <b>Date: February 07, 2016</b>   |
| <b>CONDITION</b>   | <b>ISSUE</b>                                       | <b>SUBMIT TO</b>  | <b>PERMIT REQUIREMENTS</b>   | <b>STATUS</b>  |
|  | Agreement for reconstruction of Harper Lake Road   |                   |  |  |
| TT7<br>VIII<br>TT6<br>IX                                   | Accident occurrences on the 4 San Bernardino roads | CEC CPM & SBCFCTD | Monitor and Report in Quarterly Reports traffic accident occurrences on the 4 roads. Report on current status of consultations with SBC Flood Control & Transportation Dept. |  |
| TT 11<br>VIII  | Railroad crossing gate/signal/light installation   |                   | Submit construction plan to CEC  | Complete   |
| TT 12  | Maintenance Plan for Hoffman Road                  |                   | Submit Hoffman Rd Maintenance Plan prior to Operations   |  |
| VR 1   | Exterior color scheme for buildings                |                   | Submit color plan to CEC   | Complete   |
| VR 2   | Light shielding                                    |                   | Install light shields and reposition lights  | Complete   |
| VR 3   | Visual screening                                   |                   | Develop plan<br>Submit plan to CEC<br>Notify CEC after installation  | CEC surveyed neighbors<br>No changes required<br>No installation necessary |



**Construction/Operation Schedule**

## 2022 Operation Schedule

January

We anticipate firing heaters only for freeze protection during the month of January. This operation is necessary when the temperature of HTF in the system is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 700 kscf. Power generation will be in solar only mode. SEGS VIII will continue decommissioning activities.

February

We anticipate firing heaters only for freeze protection during the month of February. This operation is necessary when the temperature of HTF in the system is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 700 kscf. Power generation will be in solar only mode. SEGS VIII will continue decommissioning activities.

March

We anticipate firing heaters only for freeze protection during the month of March. This operation is necessary when the temperature of HTF in the system is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 500 kscf. Power generation will be in solar only mode. SEGS VIII decommissioning activities.

April

We anticipate firing heaters only for freeze protection during the month of March. This operation is necessary when the temperature of HTF in the system is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 500 kscf. Power generation will be in solar only mode. SEGS VIII decommissioning final inspection expected by April 30, 2022.

May

We anticipate power generation will be in solar only mode at SEGS IX. Lockhart I (old SEGS VIII) construction is due to start.

June – July – August – September

During the peak season we anticipate power generation will be in solar only mode. Lockhart I construction continues.

October

We anticipate power generation will be in solar only mode at SEGS IX. Lockhart I construction continues.

## 2021 ANNUAL COMPLIANCE REPORT

VI. CONDITIONS OF CERTIFICATION

SEGS VIII & IX

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### November

Power generation will be in solar mode only. The heaters may be used at SEGS IX for freeze protection during the month of November. This operation is necessary when the temperature of HTF in the systems is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 1,500 kscf. Lockhart I construction continues.

### December

Power generation will be in solar only mode. The heaters may be used at SEGS IX for freeze protection during the month of December. This operation is necessary when the temperature of HTF in the systems is less than, or equal to, 100° F. The heaters are fired until the HTF system temperature reaches approximately 300° F. The amount of gas budgeted for freeze protection is 1,500 kscf. Lockhart I construction continues.

## 2021 ANNUAL COMPLIANCE REPORT

VI. CONDITIONS OF CERTIFICATION

SEGS VIII & IX

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### **Facility Changes**

SEGS VIII began decommissioning October 18, 2021. No other changes were made to the Facility.

## 2021 ANNUAL COMPLIANCE REPORT

VI. CONDITIONS OF CERTIFICATION

SEGS VIII & IX

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### **2021 Elapsed Submittals**

To the best of our knowledge all submittal deadlines were met during the 2021 calendar year.

**Filings with Other Governmental Agencies**

## 2021 Additional Filings

The following is a summary of the filings made during 2021 with governmental agencies having permitting authority over the SEGS VIII and IX projects.

- All quarterly semi-annual and annual reporting was submitted on schedule in 2021 to the Mojave Desert Air Quality Management District, the California Regional Water Quality Control Board-Lahontan Region, and the Mojave Basin Area Watermaster.
- All permit renewals and fees were submitted on schedule in 2021, to the San Bernardino County Fire Department, the Environmental Health Services, the Environmental Public Works Agency, the Mojave Desert Air Quality Management District, the State Board of Equalization, the Lahontan Regional Water Quality Control Board, the California Department of Tax and Fee Administration and the San Bernardino County Fire Warden.

2021 ANNUAL COMPLIANCE REPORT

VI. CONDITIONS OF CERTIFICATION

SEGS VIII & IX

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**Onsite Compliance File – Additions / Deletions**

## 2021 ANNUAL COMPLIANCE REPORT

VII. WATER RESOURCES / WATER

SEGS VIII & IX

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### **Lahontan Regional Water Quality Control Board Annual Report**

The Second Semi-Annual 2021 Monitoring Report was submitted under separate cover.

**Waste Discharge Requirements**

The Waste Discharge Requirements were included in the 2000 Annual Compliance Report to the California Energy Commission.

The waste discharge requirements as issued by the Lahontan Regional Water Quality Control Board under Board Order #6-98-74 remain in effect and were unchanged during the 2021 calendar year.



## 2021 ANNUAL COMPLIANCE REPORT

VII. WATER RESOURCES / WATER

SEGS VIII & IX

### Production Well Data

#### Depth to Groundwater Measurements

| Well Number | State Well Number | Date of Measurement | Depth to Water (feet) | Approximate Surface Elevation (feet msl) | Approximate Water Elevation (feet msl) | Comments                              |
|-------------|-------------------|---------------------|-----------------------|--|--|---------------------------------------|
| P34         | 11N/4W-19E01      |                     |                       |  |  | Out of commission requiring overhaul. |
| P35         | 11N/4W-19E02      | 9/03/2021           | 101.1                 | 2058                                     | 1892                                   |                                       |
| P36         | 11N/4W-19Q02      | 9/03/2021           | 156.7                 | 2058                                     | 1904                                   |                                       |
| P40         | 11N/4W-19J01      | 9/03/2021           | 139.1                 | 2039                                     | 1905                                   |                                       |

#### Production Well Pumping Rate

| Well Number | State Well Number | Average Well Pumping Rate (gallons per minute) |
|-------------|-------------------|--|
| P34         | 11N/4W-19E01      |  |
| P35         | 11N/4W-19E02      | 514  |
| P36         | 11N/4W-19Q02      | 749  |
| P40         | 11N/4W-19J01      | 1128   |

#### Production Well Total Annual Extractions

| Well Number | State Well Number | Annual Extraction Amount (acre-feet) |
|-------------|-------------------|--------------------------------------|
| P34         | 11N/4W-19E01      |                                      |
| P35         | 11N/4W-19E02      | 513.04                               |
| P36         | 11N/4W-19Q02      | 9.26                                 |
| P40         | 11N/4W-19J01      | 196.69                               |

**Condition of Certification – WATER-8**

Luz Solar Partners VIII & IX have implemented measures adequate to protect adjacent private property from flooding, scouring, and erosion as a result of the operation of the SEGS Unit VIII and SEGS Unit IX and have fully complied with the SEGS Unit VIII Condition of Certification WATER-8 during the calendar year 2021.

Luz Solar Partners VIII & IX did not perform any road maintenance or other required repairs on adjacent properties in the 2021 calendar year since there were no damages to adjacent properties as a result of flooding, scouring, or erosion.

## 2021 ANNUAL COMPLIANCE REPORT

IX. TRAFFIC AND TRANSPORTATION

SEGS VIII & IX

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### **Decommissioning Fund**

Luz Solar Partners VIII & IX have continued to assess the potential regional market for willing purchasers of the Heat Transfer Fluid (HTF) for use as a fuel source.

Luz Solar Partners VIII filed a preliminary decommissioning plan with the CEC in compliance with FS/DC Condition 2.

2021 ANNUAL COMPLIANCE REPORT

IX. TRAFFIC AND TRANSPORTATION

SEGS VIII & IX

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**Proof of Pollution Insurance**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/15/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

|   |  |  |                       |
|---|--|--|-----------------------|
| <b>PRODUCER</b><br>McGriff Insurance Services, Inc.<br>P.O. Box 10265<br>Birmingham, AL 35202 | <b>CONTACT NAME:</b><br>PHONE (A/C, No, Ext): 800-476-2211 |  | <b>FAX (A/C, No):</b> |
|   | <b>E-MAIL ADDRESS:</b>                                     |  |                       |
| <b>INSURER(S) AFFORDING COVERAGE</b>  |  |  | <b>NAIC #</b>         |
| <b>INSURER A :</b> Hartford Casualty Insurance Company  |  |  | 29424                 |
| <b>INSURER B :</b> See Attached   |  |  |                       |
| <b>INSURER C :</b> See attached   |  |  |                       |
| <b>INSURER D :</b> Hartford Fire Insurance Company  |  |  | 19682                 |
| <b>INSURER E :</b>  |  |  |                       |
| <b>INSURER F :</b>  |  |  |                       |

**INSURED**  
 Terra-Gen, LLC including LUZ SOLAR PARTNERS VIII & IX  
 437 Madison Avenue  
 22nd Floor, Suite A  
 New York, NY 10022

**COVERAGES**

CERTIFICATE NUMBER:R4UXTCK8

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE   | ADDL INSD | SUBR WVD | POLICY NUMBER                                    | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS  |
|----------|---|-----------|----------|--|-------------------------|-------------------------|---|
| D        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC<br>OTHER: |           |          | 21 UEJ JA3519                                    | 03/15/2021              | 03/15/2022              | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000<br>MED EXP (Any one person) \$ 10,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 3,000,000<br>PRODUCTS - COMP/OP AGG \$ 3,000,000<br>\$ |
| A        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> OWNED AUTOS ONLY<br><input type="checkbox"/> HIRED AUTOS ONLY<br><input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> NON-OWNED AUTOS ONLY                 |           |          | 21 UEJ WQ0138                                    | 03/15/2021              | 03/15/2022              | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$   |
| B        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED RETENTION \$  |           |          | ME2114607<br>ME2121860<br>ME2121858<br>ME2121859 | 03/15/2021              | 03/15/2022              | EACH OCCURRENCE \$ 4,000,000<br>AGGREGATE \$ 4,000,000<br>\$  |
| C        | <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below  |           |          | 21 WEH WQ0128                                    | 03/15/2021              | 03/15/2022              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,000<br>\$<br>\$<br>\$<br>\$               |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Equipment Lease- Bare Rental Agreement. Contract # 19753

Certificate Holder is included as Additional Insured (excluding Workers' Compensation) and Waiver of Subrogation applies except where not permissible by law if required by written contract subject to policy terms, conditions and exclusions. For the General Liability policy, Insurance is primary and non-contributory over any other collectable insurance if required by written contract subject to policy terms, conditions and exclusions. In the event of cancellation by the insurance companies the policies have been endorsed to provide 30 days Notice of Cancellation (except for non-payment) to the certificate holder shown below.

**CERTIFICATE HOLDER**

MAXIM CRANE WORKS, L.P.  
 1101 E. Spring Street  
 Long Beach, CA 90806

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

**Traffic and Transportation Road Monitoring**

**Conditions of Certification – TRANS-7 (VIII) & TRANS-6 (IX)**

Luz Solar Partners VIII & IX has record of no accidents on Harper Lake, Hoffman, and Lockhart Roads, and Santa Fe Avenue during the 2021 calendar year involving SEGS VIII & IX Operations. As a result of this monitoring, no further mitigation measures were proposed by Luz Solar Partners VIII & IX in 2021.