

**DOCKETED**

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<b>Submitter Role:</b>	Applicant
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# PETITION TO AMEND

STANTON ENERGY RELIABILITY CENTER  
(16-AFC-01C)

SITE DELINEATION

**SUBMITTED TO:** CALIFORNIA ENERGY COMMISSION  
**SUBMITTED BY:** Stanton Energy Reliability Center, LLC

**September 2019**



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## **FIGURES**

FIGURE REVISED 4B – SITE DELINEATION

## **Section 1 INTRODUCTION**

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### **1.1 INTRODUCTION TO PETITION**

Pursuant to Section 1769 of the California Energy Commission (Commission) regulations<sup>1</sup>, Stanton Energy Reliability Center, LLC (SERC, LLC), files this Petition To Amend (Petition) with the California Energy Commission (Commission) to modify the existing Stanton Energy Reliability Center (SERC) Final Decision.<sup>2</sup> The Commission certified the License for the SERC on November 7, 2018 and SERC is currently under construction.

This Petition requests the site boundary be modified to eliminate a portion of Parcel 2 (other than temporary construction trailers, parking and laydown area) from the Commission Final Decision. As discussed in this Petition, the modification of the site boundary will not result in any significant environmental impacts and no modifications to the Conditions of Certification are necessary.

### **1.2 OVERVIEW OF PROPOSED MODIFICATIONS**

SERC consists of two parcels. Parcel 1 extends from the frontage on Dale Avenue west to the existing Stanton Storm Channel. Parcel 2 extends from the Stanton Storm Channel east to Pacific Street. This Petition does not affect Parcel 1, and only modifies the westernmost boundary of Parcel 2. Specifically, SERC, LLC proposes to modify the western boundary of the site as shown on Figure Revised 4B attached, essentially relocating the site boundary approximately 258 feet to the east of the current boundary at Pacific Street.

During the construction period, the westernmost boundary of Parcel 2 will continue to be used for temporary construction trailers, parking and laydown area.

SERC, LLC also requests elimination of the Warehouse, which was to be located on the westernmost portion of Parcel 2.

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<sup>1</sup> Title 20 CCR Section 1769.

<sup>2</sup> References to the Commission Final Decision include all amendments approved after issuance and prior to the date of this Petition To Amend.

## **1.3 DESCRIPTION AND NEED FOR THE MODIFICATIONS**

### **1.3.1 Site Boundary Delineation**

The purpose of relocating the westernmost boundary of SERC is to provide additional property that may be developed for a battery storage facility that would not be connected to the thermal generating units. As such, the battery storage facility will not be subject to CEC jurisdiction and therefore, would be permitted by the City of Stanton. Removing the westernmost portion of Parcel 2 that would house the independent battery storage facility from the CEC site would avoid jurisdictional confusion and allow the City of Stanton to process the permit application for the battery storage facility.

### **1.3.2 Warehouse Elimination**

The only SERC facility that is within the westernmost portion of Parcel 2 is the Warehouse. SERC, LLC requests it be eliminated from the Final Decision with this Petition.

### **1.3.3 Security Fence and Secondary Entrance**

To ensure the SERC facility complies with the existing Conditions of Certification, SERC, LLC would construct a security fence along the new proposed westernmost boundary with a gate to maintain the secondary access from Pacific Street. SERC, LLC will be modifying its security plan to reflect these changes.

### **1.3.4 Modifications to Conditions of Certification**

SERC, LLC does not believe any modifications to the conditions of certification contained in the Final Decision are necessary and therefore this Petition does not propose any.

## **Section 2 ENGINEERING ASSESSMENT**

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This section contains an evaluation of the modification proposed in this Petition to determine if it would result in modification of the findings, conclusions or conditions of certification for each technical discipline included within the Engineering Assessment section of the Final Decision.

### **2.1 FACILITY DESIGN**

Modification of the site boundary would not change any component of the design of the facility nor would result in any operational changes when compared to how the facility will be currently operated.

## **Section 3 PUBLIC HEALTH AND SAFETY**

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This section contains an evaluation of the modifications proposed in this Petition to determine if they would result in modification to the findings, conclusions or conditions of certification for each technical discipline included within the Public Health and Safety section of the Final Decision.

### **3.1 AIR QUALITY, GREENHOUSE GASES AND PUBLIC HEALTH**

This Petition does not affect any emissions from the SERC and therefore does not result in modification to the findings, conclusions or conditions of certification in the areas of Air Quality, Greenhouse Gases, and Public Health.

### **3.2 WORKER SAFETY AND FIRE PROTECTION**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Worker Safety and Fire Protection section of the Final Decision.

### **3.3 HAZARDOUS MATERIALS MANAGEMENT**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Hazardous Materials Management section of the Final Decision.

### **3.4 WASTE MANAGEMENT**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Waste Management section of the Final Decision.

## **Section 4 ENVIRONMENTAL ANALYSIS**

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This section contains an evaluation of the modification proposed in this Petition to determine if it would result in modification to any of the findings, conclusions or conditions of certification for each technical discipline included within the Environmental Assessment section of the Final Decision.

### **4.1 BIOLOGICAL RESOURCES**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Biological Resources section of the Final Decision because it does not propose any changes to operation of the SERC or any construction activities.

### **4.2 SOIL AND WATER RESOURCES**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Soil and Water Resources section of the Final Decision because it does not modify any construction activity or planned operation of the SERC.

### **4.3 CULTURAL RESOURCES**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Cultural Resources section of the Final Decision because it does not modify any construction activity or planned operation of the SERC.

### **4.4 GEOLOGICAL AND PALEONTOLOGICAL RESOURCES**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Geological and Paleontological Resources section of the Final Decision because it does not propose any changes to operation of the SERC or any construction activities.



## **Section 5 LOCAL IMPACT ANALYSIS**

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This section contains an evaluation of the modifications proposed in this Petition to determine if it would result in modification to any findings, conclusions or conditions of certification for each technical discipline included within the Local Impact Assessment section of the Final Decision.

### **5.1 LAND USE**

The modification proposed in this Petition will not affect the findings and conclusions contained in the Land Use section of the Final Decision. Any land use authorizations for use of the westernmost portion of Parcel 2 will be subject to City of Stanton approval as that portion of the Parcel 2 will be removed from CEC Jurisdiction.

### **5.2 NOISE AND VIBRATION**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Noise and Vibration section of the Final Decision because it does not propose any changes to operation of the SERC or any construction activities.

### **5.3 SOCIOECONOMICS**

The Petition will not affect the findings and conclusions, nor require any modifications to the existing conditions of certification, contained in the Socioeconomic Resources section of the Final Decision because the modification does not modify construction or operation of the SERC.

### **5.4 TRAFFIC AND TRANSPORTATION**

This Petition does not affect any of the findings, conclusions, or conditions of certification in the Traffic and Transportation section of the Final Decision because it does not propose any changes to operation of the SERC or any construction activities.

### **5.5 VISUAL RESOURCES**

This Petition does not affect any of the findings conclusions, or conditions of certification in the Visual Resources section of the Final Decision because relocation of the security fence will not result in a significant visual impact.

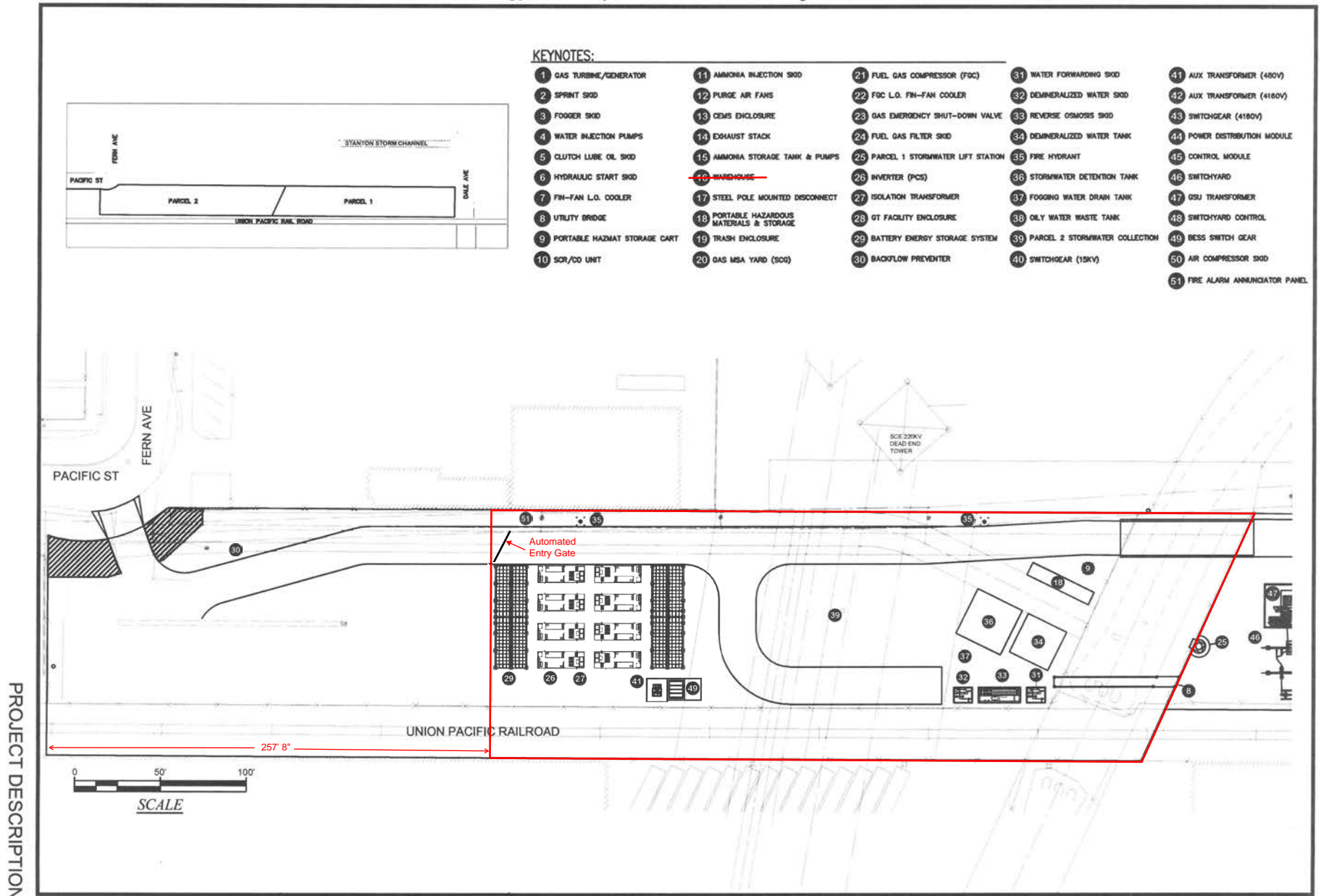
## **Section 6 POTENTIAL EFFECTS ON PROPERTY OWNERS**

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The Commission's Power Plant Siting Regulations require a Petition For Amendment to include 1) a discussion of how the modification affects the public; 2) a list of property owners potentially affected by the modification; and 3) a discussion of the potential effect on nearby property owners, the public and the parties in the application proceedings.

As described in technical area evaluated in Sections 2 through 5 of this Petition, this Petition does not create any significant impacts, and it therefore would not affect the public differently than identified in the Final Decision.

**PROJECT DESCRIPTION - FIGURE 4B**  
 Stanton Energy Reliability Center - General Arrangement for Parcel 2



**KEYNOTES:**

- |                                |   |                                     |                                   |                                 |
|--------------------------------|---|-------------------------------------|-----------------------------------|---------------------------------|
| 1 GAS TURBINE/GENERATOR        | 11 AMMONIA INJECTION SKID                 | 21 FUEL GAS COMPRESSOR (FGC)        | 31 WATER FORWARDING SKID          | 41 AUX TRANSFORMER (480V)       |
| 2 SPRINT SKID                  | 12 PURGE AIR FANS                         | 22 FGC L.O. FIN-FAN COOLER          | 32 DEMINERALIZED WATER SKID       | 42 AUX TRANSFORMER (4160V)      |
| 3 FOOPER SKID                  | 13 GEMS ENCLOSURE                         | 23 GAS EMERGENCY SHUT-DOWN VALVE    | 33 REVERSE OSMOSIS SKID           | 43 SWITCHGEAR (4160V)           |
| 4 WATER INJECTION PUMPS        | 14 EXHAUST STACK                          | 24 FUEL GAS FILTER SKID             | 34 DEMINERALIZED WATER TANK       | 44 POWER DISTRIBUTION MODULE    |
| 5 CLUTCH LUBE OIL SKID         | 15 AMMONIA STORAGE TANK & PUMPS           | 25 PARCEL 1 STORMWATER LIFT STATION | 35 FIRE HYDRANT                   | 45 CONTROL MODULE               |
| 6 HYDRAULIC START SKID         | <del>16 WAREHOUSE</del>                   | 26 INVERTER (PCS)                   | 36 STORMWATER DETENTION TANK      | 46 SWITCHYARD                   |
| 7 FIN-FAN L.O. COOLER          | 17 STEEL POLE MOUNTED DISCONNECT          | 27 ISOLATION TRANSFORMER            | 37 FOGGING WATER DRAIN TANK       | 47 GSU TRANSFORMER              |
| 8 UTILITY BRIDGE               | 18 PORTABLE HAZARDOUS MATERIALS & STORAGE | 28 GT FACILITY ENCLOSURE            | 38 OILY WATER WASTE TANK          | 48 SWITCHYARD CONTROL           |
| 9 PORTABLE HAZMAT STORAGE CART | 19 TRASH ENCLOSURE                        | 29 BATTERY ENERGY STORAGE SYSTEM    | 39 PARCEL 2 STORMWATER COLLECTION | 49 BESS SWITCH GEAR             |
| 10 SCR/CO UNIT                 | 20 GAS MSA YARD (SDS)                     | 30 BACKFLOW PREVENTER               | 40 SWITCHGEAR (15KV)              | 50 AIR COMPRESSOR SKID          |
|                                |   |                                     |                                   | 51 FIRE ALARM ANNUNCIATOR PANEL |