

## DOCKETED

<b>Docket Number:</b>	16-AFC-01
<b>Project Title:</b>	Stanton Energy Reliability Center
<b>TN #:</b>	223315
<b>Document Title:</b>	Staff Data Requests
<b>Description:</b>	Data Requests Regarding Recent Project Changes and Discussions at the April 18, 2018 Preliminary Staff Assessment Workshop
<b>Filer:</b>	Marichka Haws
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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## CALIFORNIA ENERGY COMMISSION

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Kara Miles  
President  
SERC, LLC  
650 Bercut Drive, Suite C  
Sacramento, CA 95811

May 3, 2018

Regarding: **Stanton Energy Reliability Center (16-AFC-01) Staff Data Requests Regarding Recent Project Changes and Discussions at the April 18, 2018 Preliminary Staff Assessment workshop**

Dear Ms. Miles,

These Energy Commission Stanton Energy Reliability Center team follow-up questions and requests for clarification are in response to recent project description changes submitted by the applicant and stem from discussions held at the April 18, 2018, Preliminary Staff Assessment Workshop held in the city of Stanton.

These data requests, numbered A73 through A85, are being made in the technical areas of Soil and Water Resources and Traffic and Transportation. Expedited written responses will help to maintain the current Committee schedule.

If you have any questions regarding the enclosed data requests, please call me at (916) 653-8236 or email me at [John.Heiser@energy.ca.gov](mailto:John.Heiser@energy.ca.gov).

Sincerely,

  
John Heiser  
Siting Project Manager

Enclosure (Data Request Packet)

cc: Docket (16-AFC-01)  
POS List

**STANTON ENERGY RELIABILITY CENTER APPLICATION  
FOR CERTIFICATION  
(16-AFC-01)**

**Energy Commission Staff's Preliminary Staff Assessment  
Workshop and Project Changes Data Requests A73-A85**

**May 3, 2018**

**Technical Area:** Soil and Water Resources  
**Author:** Paul Marshall

### **BACKGROUND – Restroom Facility**

On March 29, 2018, Energy Commission staff published the Preliminary Staff Assessment (PSA) (TN# 223086) for the Stanton Energy Reliability Center. Since that time the applicant has (changed and) added new equipment and facilities to the proposed project, which are described in a submittal docketed on April 11, 2018 (TN# 223179). Among the additions is a new restroom facility that would be included in the warehouse to be located on the west side of the facility. The addition of this new restroom facility may increase project water use and require excavation and construction that has not been analyzed in the PSA. Staff also understands from the workshop held on April 18, 2018, that the applicant proposes to connect to the city of Stanton sewer system. During discussions at the workshop it was not clear if any new excavations would be required for connection to the city sewer system and what ordinance the applicant may be required to comply with for the connection. Staff needs additional information about how the restroom facility would be constructed and what the local requirements would be for connection to the system to evaluate whether there could be any impacts and ensure compliance with applicable LORS.

### **DATA REQUESTS**

- A73. Please describe how and where the restroom facility would connect to an existing sewer line at the site. Include a description of the length of any new pipeline that would be required and where it would be located.
- A74. Please identify how much water would be used during operation of the facility during the project design life.
- A75. Please describe whether any new excavations would be required and identify how long and deep they would be.
- A76. Please include a figure showing the restroom facility and the pipeline alignment that would be connected to it.
- A77. Please identify the ordinance the applicant would be required to comply with to connect to the city sewer system.

### **BACKGROUND – Soil Disposal Activities**

Another change the applicant has identified in the submittal is ‘Soil Disposal Activities’ (TN# 223086). The applicant proposes to remove loose unconsolidated soils at the site based on the results of a geotechnical investigation which indicates this would be a preferred method for improving foundation conditions for the project. It further states there is a fill imbalance that would result from soil removal. The submittal does not indicate how much soil would be removed and how the fill imbalance would be met. It appears that with the anticipated removal of 36 truckloads per day (or six truckloads per hour) for approximately five weeks there could be a significant volume removed. There is no discussion of what the site elevation would be after removal and if new fill would be imported to replace the spoils removed. Additionally, if new fill would be imported there is no discussion of the characteristics of that fill. Staff needs further information on

how the conditions and elevations would change and what the complete method of foundation construction will be to analyze any potential impacts from potentially large volumes of imported fill or other unknown foundation design conditions.

The applicant also proposes to remove and dispose of the spoils and existing asphalt and construction debris at the Olinda Alpha Landfill located at 1942 North Valencia Avenue in Brea. The submittal does not describe the volume of asphalt and concrete rubble that would be transported off site. Staff needs additional information about the volume of material and whether the landfill has the capacity to accept the material so potential impacts to the land fill can be evaluated. Export and import of fill would also need to be analyzed to ensure there is no contamination that could result in human health hazard or environmental impact.

### **DATA REQUESTS**

- A78. Please provide a complete description of the foundation improvement design and the proposed site design grade elevation.
- A79. Please include a figure and cross-section showing the area of excavation, proposed depths, and foundation improvement design.
- A80. Please describe how much loose unconsolidated material would be removed from the site and how the fill imbalance would be addressed.
- A81. Please describe how much concrete and asphalt rubble would be removed from the site.
- A82. Please discuss the remaining capacity for disposal at the Olinda Alpha Landfill and whether operators have indicated they would accept the material.
- A83. If fill or other material would be imported to meet the imbalance please describe the source, type, and characteristics of the material and how it would be screened to ensure there would be no impacts from it use.

**Technical Area:** Traffic and Transportation  
**Author:** Andrea Koch and Jonathan Fong

### **BACKGROUND – Fill Truck Trips**

According to page 2, 'Soil Disposal Activities', of the applicant's initial comments on the PSA (TN #223179), the applicant is modifying the project description to include the removal of soil from the site. Traffic and Transportation staff was satisfied with the applicant's provided analysis of truck trips needed for soil disposal.

However, as part of this data request set, Soil and Water staff has included a question about potential fill. (See Soil and Water Data Requests- Soil Disposal Activities.) If fill could potentially be brought to the site, Traffic and Transportation staff requests information about the construction traffic generated as a result.

### **DATA REQUESTS**

- A84. If new fill would be imported to the site, approximately how many daily and peak hour truck trips would importation generate?
- A85. What would be the duration and timing of fill importation relative to the project's construction schedule?