



NOTICE OF EXEMPTION

To: Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

From: (Public Agency) Imperial Irrigation District

Address: P.O. Box 937
Imperial, CA 92250

County Clerk
County of IMPERIAL

File Imperial Irrigation District
Environmental Compliance Unit

Project Title: ECGS Combustion Turbine 3-1 Blade Replacement (Project No. 200171)

Project Location - Specific: 485 E. Villa Avenue, El Centro, CA 92243. See attached Location Map.

Project Location - County: IMPERIAL

Description of Project: The See attached Project Description.

Name of Public Agency Approving Project: IMPERIAL IRRIGATION DISTRICT

Name of Person or Agency Carrying Out Project: IMPERIAL IRRIGATION DISTRICT

Exempt Status: (check one)

- General Rule (Public Resources Code Sections 21080(b), 21084, 21108(b), and 21152(b); California Environmental Quality Act Sec. 15061(b)(3)).
- Ministerial (PRC Sec. 21080(b)(1); CEQA Sec. 15268);
- Emergency Project (PRC Sec. 21080(b)(3); CEQA Sec. 15269(a); and/or PRC Sec. 21080(b)(4); CEQA Sec. 15269(b)(c));
- Categorical Exemption. State type and section number: PRC Sec. 21084; CEQA Sec.15302 (Class 2);
- Statutory Exemptions. State code number: PRC Sec. _____, CEQA Sec. _____

Reasons why project is exempt: The project is exempt under Section 15302 (Class 2 exemption) for the reason that it entails the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, this exemption includes but is not limited to the replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.

Lead Agency IMPERIAL IRRIGATION DISTRICT

Contact Person: Donald Vargas

(760) 482-3609

Area Code/Telephone/Extension

If filed by applicant:

1. Has a Notice of Exemption been filed by the public agency approving the project?
 Yes No
2. On file with Imperial Irrigation District's Environmental Compliance Unit.
 Yes No

Signature:

Date: May 6, 2020

Title: Compliance Administrator II

Signed by Lead Agency
 Signed by Applicant

Date received for filing at OPR: N/A



El Centro Generation Station Unit Combustion Turbine 31 Blade Replacement Project

Location Map

El Centro Generating Station Combustion Turbine 3-1 Blade Replacement Project Description

The existing El Centro Generating Station Siemens SGT-800 Combustion Turbine 3-1 has been in operation since October 2012.

After 45,420 hours of operation CT31 engine experienced a failure on one blade located on row T3 due to a metallic head missing from a balance plug causing one blade to crack at the trailing edge of the blade.

CT31 turbine section will be removed to replace the damaged blade. Repair work will be accomplished onsite. Return of CT3-1 back to service is expected to take 14 to 15 calendar days for blade replacement and 3-4 days for in-place balancing.

Siemens will be "sole sourced" to provide a new row T3 blading along with field services to install and balance. Siemens will be responsible for the start-up of the gas turbine to ensure acceptable performance. Imperial Irrigation District ID Generation Maintenance and Operations personnel will provide craft labor for the reassembly of the turbine generator and start-up. IID Project Management will track the progress and costs of the gas turbine engine replacement.

ECGS Siemens SGT-800 CTs 3-1 and 3-2 are critical for providing System Operations Center with voltage and reactive regulation and provide an on-demand source of energy as dictated by Automatic Generation Control. CT3-1 is a vital component of the resources available for IID to serve its energy load and reserve requirements. The unavailability of the unit affects the daily energy scheduling function and puts IID at risk of not having sufficient resources to serve its energy load. The marketing function will be exposed to procurement of resources at spot market prices. Additionally, there is regulatory risk of non-compliance if IID does not have sufficient internal resources to comply with its reserve requirements. As summer season approaches and load/reserve requirements increase, CT3-1 unit will be needed to provide the marketing function and the flexibility to schedule energy in the most economical and reliable manner.

The gas turbines are a key part of the IID resource portfolio by providing energy and ancillary services to the IID Balancing Area. Therefore, it is required the unit be returned to service as soon as possible. CT3-1 blade row T3 will be removed and replaced in approximately 13 to 18 calendar days.