

## DOCKETED

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| <b>Docket Number:</b>   | 15-AFC-02  |
| <b>Project Title:</b>   | Mission Rock Energy Center                       |
| <b>TN #:</b>            | 210319   |
| <b>Document Title:</b>  | Document Handling for Mission Rock Energy Center |
| <b>Description:</b>     | N/A  |
| <b>Filer:</b>           | Cenne Jackson                                    |
| <b>Organization:</b>    | California Energy Commission                     |
| <b>Submitter Role:</b>  | Commission Staff                                 |
| <b>Submission Date:</b> | 2/16/2016 9:33:43 AM                             |
| <b>Docketed Date:</b>   | 2/16/2016  |

**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512  
www.energy.ca.gov



February 11, 2016

Dear Librarian:

**DOCUMENT HANDLING FOR MISSION ROCK ENERGY CENTER (15-AFC-02)**

On December 30, 2015 Mission Rock Energy Center, LLC, (Applicant) filed an Application for Certification (AFC) to construct and operate an electrical generating facility in Ventura County, California, approximately 2 miles west of Santa Paula, near State Highway 126. The Mission Rock Energy Center (Mission Rock) would be a natural gas-fired, nominal 255-megawatt electrical generating facility. Mission Rock would also provide 100 MWhr (25 MW x 4 hours) of battery storage and synchronous condenser clutch technology to provide ancillary and grid reliability services.

**PROJECT DESCRIPTION**

The five GE LM6000 Combustion Turbine Generators (CTGs) would be equipped with selective catalytic reduction (SCR) air emissions control equipment and associated support equipment for nitrogen oxide (NO<sub>x</sub>) and carbon monoxide (CO) control. Each CTG would be capable of generating approximately 57 MW (gross) at base load. The project is expected to have an overall annual availability of 92 to 98 percent, including scheduled and forced outages occurrences.

Mission Rock is under the Energy Commission's siting authority. The Commission's power plant certification process examines engineering, public health and safety, and environmental aspects of power plant proposals and provides analyses pursuant to the California Environmental Quality Act (CEQA). When issuing a license, the Energy Commission is the lead state agency under CEQA and through its certified regulatory program produces several environmental and decision documents rather than an environmental impact report. The Energy Commission's siting process is open to the public and incorporates the input of the public as well as local, state, and federal agencies. To facilitate public participation in our review process, the Energy Commission has sent copies of the AFC to libraries in the project area, Eureka, San Francisco, Sacramento, Fresno, Los Angeles, and San Diego.

Please keep the enclosed "Members of the Public" letter with the enclosed AFC and make it available for those who may wish to be informed about the project. We request that you not allow the AFC or any of its contents to be removed from the library. To increase accessibility of the document, we ask, if possible, that you cross reference it as a general reference work under the title and author categories, as well as under such subjects as "Energy Commission," "electricity," "energy/generation," "power plant siting," or any other relevant subject. Thank you for your cooperation. If you have any questions, please contact Project Manager Mike Monasmith at (916) 654-4894 or by e-mail at [mike.monasmith@energy.ca.gov](mailto:mike.monasmith@energy.ca.gov), or Mike Battles at (916) 654-4063 or email at [mike.battles@energy.ca.gov](mailto:mike.battles@energy.ca.gov), or Cenne Jackson, Project Assistant, at (916) 651-9010 or by e-mail at [cenne.jackson@energy.ca.gov](mailto:cenne.jackson@energy.ca.gov).

Date: 2/10/16

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Davis".

Chris Davis, Siting Office Manager

Enclosures (2): Mission Rock Energy Center AFC / Letter to the Public

**CALIFORNIA ENERGY COMMISSION**1516 NINTH STREET  
SACRAMENTO, CA 95814-5112

February 2, 2016

**To: MEMBERS OF THE PUBLIC****PUBLIC PARTICIPATION IN THE REVIEW OF THE MISSION ROCK ENERGY CENTER (15-AFC-02)**

On December 30, 2015 Mission Rock Energy Center, LLC, (Applicant) filed an Application for Certification (AFC) to construct and operate an electrical generating facility in Ventura County, California, approximately 2 miles west of Santa Paula, near State Highway 126. Mission Rock Energy Center (Mission Rock) would be a natural gas-fired, nominal 255-megawatt electrical generating facility. Mission Rock would also provide 100 MWhr (25 MW x 4 hours) of battery storage and synchronous condenser clutch technology to provide ancillary and grid reliability services. The proposed brownfield project site is bounded to the north by Shell Road, to the south by the Santa Clara River, to the east by a large Granite Construction facility, and to the west by agriculture fields.

**PROJECT DESCRIPTION**

Mission Rock would have five GE LM6000 Combustion Turbine Generators (CTGs) equipped with selective catalytic reduction (SCR) air emissions control equipment and associated support equipment for nitrogen oxide (NO<sub>x</sub>) and carbon monoxide (CO) control. Each CTG would be capable of generating approximately 57 MW (gross) at base load. The project is expected to have an overall annual availability of 92 to 98 percent, including scheduled and forced outages.

As a peaking power plant, Mission Rock is expected to operate during periods of increased need on the grid, such as: times of high electrical load; during periods when intermittent, renewable source generation fluctuates; when baseload plants are not operating or are being brought on-line; or during emergency conditions. Mission Rock would provide a resource to balance the variability of renewable resources and satisfy peak energy and capacity needs during high-load events.

**PROJECT CONSTRUCTION AND OPERATION**

Construction of Mission Rock is expected to begin in the fourth quarter of 2018, based on the assumption the project receives Commission approval early in 2017. Following construction, pre-operational testing of the power plant is expected to begin in the second quarter of 2020, with full-scale commercial operation expected by the third quarter, 2020.

**ENERGY COMMISSION'S SITE CERTIFICATION PROCESS**

The Energy Commission is responsible for reviewing and ultimately approving or denying all applications to construct and operate thermal electric power plants, 50 MW

and greater, in California. The Energy Commission's facility certification process carefully examines public health and safety, environmental impacts, and engineering aspects of proposed power plants and all related facilities such as electric transmission lines and natural gas and water pipelines. The Energy Commission is the Lead Agency under the California Environmental Quality Act (CEQA), and because the siting process is a certified regulatory program, the Energy Commission produces several environmental and decision documents rather than an environmental impact report. The issuance of a certificate by the Energy Commission is in lieu of any local or state permits, and federal permits to the extent permitted by federal law.

The project review is currently in the data adequacy analysis phase, (when the initial determinations on the adequacy of information and data filed in the AFC occurs). Once the Energy Commission finds the application complete, the period of a more detailed examination of the issues and impacts will occur in the discovery phase of the process. During discovery, Energy Commission staff will also examine potential mitigation measures that may be required if the project is approved for construction and operation.

Under its certified regulatory program, the Energy Commission staff prepares and publishes both a Preliminary Staff Assessment (PSA) and a Final Staff Assessment (FSA). After allowing for a public comment period on the PSA, staff will prepare and publish the FSA which will address comments received on the PSA and serve as staff's expert testimony in evidentiary hearings to be held by the Energy Commission Committee assigned to hear this case. The Committee will hold evidentiary hearings and will consider the testimony and information presented by staff, applicant, intervenors, government agencies, and the public, prior to proposing its decision. In the last step, the full Energy Commission will issue the final decision.

As part of the review process, the staff of the Energy Commission endeavors to work closely with local, state, and federal agencies to ensure that all laws, ordinances, regulations and standards are met and incorporated into the final decision of the Energy Commission.

## **PUBLIC PARTICIPATION**

Over the coming months, the Energy Commission will conduct a number of public workshops and hearings to determine whether the proposed project should be approved for construction and operation and, if so, under what set of conditions. These workshops and hearings will provide the public, as well as local, state, and federal agencies, the opportunity to ask questions about, and provide input on, the proposed project. The Energy Commission will issue notices for these workshops and hearings at least 10 days prior to each meeting.

A notice of receipt has been mailed to all parties that requested placement on the mailing list and to property owners located within 1000 feet of the proposed project site

or 500 feet of project linear features (e.g. pipelines, transmission lines). If you want to receive notices of all project-related activities and when documents related to the proposed project's evaluation are available for review, you must sign up on the e-mail list serve at [www.energy.ca.gov/listservers/](http://www.energy.ca.gov/listservers/) or please contact Cenne Jackson, Project Assistant, at (916) 651-9010, or by e-mail at [cenne.jackson@energy.ca.gov](mailto:cenne.jackson@energy.ca.gov). Please direct your technical or project schedule questions to Mike Monasmith, Project Manager, at (916) 654-4894, or Associate Project Manager Mike Battles (916) 654-4063 by e-mail at [mike.monasmith@energy.ca.gov](mailto:mike.monasmith@energy.ca.gov) or [mike.battles@energy.ca.gov](mailto:mike.battles@energy.ca.gov)

Those who wish to comment can use the Energy Commission's e-Commenting feature as follows: Go to the Energy Commission's Mission Rock webpage at: <http://www.energy.ca.gov/sitingcases/missionrock> and click on the "Submit e-Comment" link. In the form, provide the required information—your full name, e-mail address, the comment title, and either a comment or an attached document. The comment title should be "[Your Name]'s *Comments re: Mission Rock AFC.*" Type your comments into the "Comment Text" field, or upload and attach a document with your comments. The maximum upload file size is 10MB, and only .doc, .docx, or .pdf attachments will be accepted. Enter the phrase that is used to prevent spamming. Then click on the "Agree and Submit your Comments" button to submit your comments to the Energy Commission Dockets Unit for review. When your comments are approved and docketed, you will receive an e-mail with a link to them on the facility webpage. Written comments may also be mailed or hand-delivered to:

California Energy Commission  
Dockets Unit, MS-4  
Re: 15-AFC-02  
1516 Ninth Street  
Sacramento, CA 95814-5512

All comments and materials filed with and approved by the Dockets Unit will be added to the Docket Log, and will become publicly accessible on the Energy Commission's webpage, including your name and contact information if it is on the comment page. The status of the proposed project, copies of notices, a copy of the AFC, supplemental material, and other relevant documents will be available on the Energy Commission's Internet web site at <http://www.energy.ca.gov/sitingcases/missionrock/>. If you desire information on participating in the Energy Commission's review of the project, please contact the Energy Commission's Public Adviser at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via e-mail at [publicadviser@energy.ca.gov](mailto:publicadviser@energy.ca.gov).

**Note: Please retain this letter behind the front cover of the AFC. Thank You.**