

## DOCKETED

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<b>Project Title:</b>	Alamitos Energy Center
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<b>Filer:</b>	Alicia Campos
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**CALIFORNIA ENERGY COMMISSION**

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**NOTICE OF AVAILABILITY  
FINAL STAFF ASSESSMENT PART 1 FOR THE  
ALAMITOS ENERGY CENTER  
SUPPLEMENTAL APPLICATION FOR CERTIFICATION  
(13-AFC-01)**

To: MEMBERS OF THE PUBLIC

The Final Staff Assessment (FSA) Part 1 for the Alamos Energy Center (AEC) Supplemental Application for Certification (SAFC) is now available. The FSA will be published in two parts. Part 1 will include all technical sections except for staff's Air Quality (AQ) and Public Health (PH) analyses which will be included in the second part. Part 2 of the FSA will be published once the South Coast Air Quality Management District (SCAQMD) publishes its Final Determination of Compliance (FDOC). The FSA Part 1 contains the California Energy Commission staff's preliminary engineering, environmental and safety evaluation of the proposed project. The FSA Part 1 is available for review on the Energy Commission website, <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=13-AFC-01>

The FSA Part 1 is not a decision for the AEC. The FSA Part 1 will serve as staff's formal testimony in evidentiary hearings to be held by the Energy Commission's Committee assigned to hear this case. The Committee will schedule evidentiary hearings in Long Beach, California and will consider the recommendations presented by the staff, petitioner, intervenors, government agencies, and the public, prior to proposing its decision. The Energy Commission will make the final decision, including findings, after the Committee's publication of its Presiding Member's Proposed Decision.

The FSA Part 1 includes responses to address comments received on the Preliminary Staff Assessment (PSA).

**SUMMARY OF THE PROPOSED ALAMITOS ENERGY CENTER FINAL STAFF ASSESSMENT PART 1**

On October 26, 2015, AES Southland Development, LLC (AES) submitted a Supplemental Application for Certification (SAFC) (13-AFC-01) to the California Energy Commission for the Alamos Energy Center AEC) project. The SAFC replaces the original Application for Certification (AFC) filed on December 27, 2013. The AEC would be constructed on the site of the Alamos Generating Station (AGS), an existing and operating power plant in the city of Long Beach, California.

AEC, as currently proposed, would be a nominal 1,040-megawatt (MW), natural gas-fired, combined-cycle and simple-cycle, air-cooled electrical generating facility consisting of two power blocks to provide fast starting and stopping, reliable, flexible multistage generating resources. Power Block 1 would consist of two natural gas-fired combustion turbine, 640-megawatt (MW), generators (CTG) in a combined-cycle configuration (collectively AEC CCGT), with two unfired heat recovery steam generators (HRSG), one steam turbine generator (STG), an air-cooled condenser, an auxiliary boiler, and related ancillary equipment. Power Block 2 would consist of four natural gas-fired, simple-cycle CTGs with fin-fan coolers and ancillary facilities (collectively, AEC SCGT) for a nominal 400 MW.

Existing Alamitos Generating Station Units 1–6 are currently in operation with a net generating capacity of 1,950 megawatts. Although AES still intends to demolish all six operating units, the demolition is not part of the proposed AEC project, but would take place through a Memorandum of Understanding with the city of Long Beach after the AEC begins commercial operation. Demolition is expected to occur after 2020. Demolition of retired decommissioned Unit 7 remains part of the proposed AEC project. Construction activities at the project site are anticipated to last 56 months, from first quarter 2017 until third quarter 2021.

The existing AGS facilities utilizing once-through cooling are not under the Commission's jurisdiction and are not directly part of the proposed project before the Commission. Regardless whether the AEC facility is licensed or constructed, these older units are scheduled to be shut down by 2020 under the State Water Board phase out of once-through-cooling. The demolition of the older units will be considered as part of the staff's cumulative impacts analysis.

## **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, engineering aspects and conformance with all applicable laws, ordinances, regulations and standards of proposed power plants and all related facilities, such as electric transmission lines and natural gas and water pipelines. The Energy Commission has a certified regulatory program and is the lead agency under the California Environmental Quality Act (CEQA).

## **SUMMARY OF CALIFORNIA ENERGY COMMISSION STAFF'S PRELIMINARY CONCLUSIONS**

Staff concludes that with implementation of staff's recommended mitigation measures described in the conditions of certification, the project will not cause a significant adverse impact to the environment, public health and safety, or to environmental justice communities, and will comply with all applicable LORS.

## AVAILABILITY OF THE FINAL STAFF ASSESSMENT PART 1

The FSA Part 1 is available on the Energy Commission's website at:  
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=13-AFC-01>

Copies of the FSA Part 1 will be available for public inspection at the following public libraries:

<b>Long Beach Main Library</b> 101 Pacific Avenue Long Beach, CA 90822	<b>Los Alamitos-Rossmoor Library</b> 12700 Montecito Road Seal Beach, CA 90740
<b>Long Beach Public Library – Los Altos Neighborhood</b> 5614 E Britton Drive Long Beach, CA 95801	<b>Brewitt Neighborhood Library</b> 4036 E. Anaheim Long Beach, CA 90804
<b>Bay Shore Neighborhood Library</b> 195 Bay Shore Avenue Long Beach, CA 90803	

Copies of the FSA Part 1 are also available at the Energy Commission's Library in Sacramento, the California State Library in Sacramento, and at California public libraries in Eureka, Fresno, San Francisco, Los Angeles, and San Diego. In addition, copies will be distributed to those public agencies that would normally have jurisdiction except for the Energy Commission's exclusive authority to certify sites and related facilities.

The electronic copy of the FSA Part 1 has also been sent to those on the listserve.

You can also subscribe to receive e-mail notification of all notices and announcements at: <http://www.energy.ca.gov/listservers>. By being on this email list, you will receive all project related notices and documents pertaining to the project's evaluation and review.

## PUBLIC RESOURCES, CONTACT INFORMATION AND ADDITIONAL SOURCES FOR INFORMATION

If you desire information on how to participate in the Energy Commission's review of the proposed project, please contact Alana Mathews, the Energy Commission's Public Adviser, at (916) 654-4489 or toll free in California at (800) 822-6228, or by email at [publicadviser@energy.ca.gov](mailto:publicadviser@energy.ca.gov).

To request special accommodations for those persons with disabilities, contact Poneh Jones at [Poneh.Jones@energy.ca.gov](mailto:Poneh.Jones@energy.ca.gov) or by telephone at (916) 654-4425.

For additional information about the project or this FSA Part 1, contact Keith Winstead, Energy Commission Project Manager, at (916) 654-5191 or email at [Keith.Winstead@energy.ca.gov](mailto:Keith.Winstead@energy.ca.gov).

News media inquiries should be directed to Albert Lundeen, Deputy Executive Director, at (916) 654-4027, or by email at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov).

Sincerely,

Date: September 23, 2016

Original Signed by Chris Davis for  
Michael D. Lewis, Deputy Director  
Siting, Transmission and  
Environmental Protection Division

Mailed to:  
Property Owners List # 7503