

**DOCKETED**

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<b>Project Title:</b>	King City Energy Center Project, King City Cogeneration Project - Compliance
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<b>Document Title:</b>	Amendment to Relocate the Calpine King City to Energy Center Project
<b>Description:</b>	Amendment to Relocate
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<b>Organization:</b>	California Energy Commission
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## CALIFORNIA ENERGY COMMISSION

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## AMENDMENT TO RELOCATE THE CALPINE KING CITY ENERGY CENTER PROJECT (01-EP-06C)

### EXECUTIVE SUMMARY

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The Energy Commission staff has performed a fatal flaw analysis of the proposed amendment to relocate the Calpine King City Energy Project to an adjacent parcel. Staff recommends that the Energy Commission utilizing the existing Conditions of Certification approve the amended project location. The City of King also supports the relocation of the new facility.

On May 5, 2001 the California Energy Commission approved for certification the King City Energy Facility located on a parcel adjacent to the existing Calpine co-generation Plant. However, site control for the approved facility location will not be obtained in time to meet the September 30 deadline required under the Emergency Peaker Process. On June 7, 2000 Calpine submitted an application to relocate the King City Energy Facility to an adjacent 8.04-acre parcel. The amended application is available in Adobe PDF format at the documents portion of the project website, at:  
<http://www.energy.ca.gov/sitingcases/peakers/kingcity>.

A PDF file showing the regional location of the new facility location is included in the files for this staff assessment. The supplemental project vicinity map as well as a site plan for the amended facility location is also available. These files may be downloaded from the project's web site at:  
<http://www.energy.ca.gov/sitingcases/peakers/kingcity/documents>.

The amendment would allow relocation of the proposed peaking facility to an adjacent parcel of land located 300-feet east of the existing cogeneration facility. Relocation of the proposed peaking facility would require a modification of the existing application approved by the Energy Commission on May 5, 2001. Project modifications include the source of water supply and discharge, location of linear facilities for interconnections and the addition of an on site aqueous ammonia tank to supply the selective catalytic reduction devices.

Water for the project will now be supplied by the California Water Service Company whom Calpine has obtained a will serve letter from on June 7, 2001. Wastewater will be discharged directly to the city through a proposed new sewer line located along the northern border of the site. Natural gas will be obtained for the project from a 2000-foot pipeline to be constructed while the electrical interconnection will be provided through a new 1100-foot 60 kV Transmission line. Both gas and electrical transmission routes are scheduled for construction along Airport Road. Aqueous ammonia will be provided to the project by a 10,000-gallon tank to be located on the eastern portion of the site.

## **STAFF ANALYSIS**

The project amendment was reviewed by Energy Commission technical staff for potential environmental effects and consistency with the applicable laws, ordinances, regulations, and standards (LORS) for the city of King City.

Staff conducted a site visit on June 8, 2001, and determined that conditions at the proposed site were consistent with the data provided in the attached amendment application and the original application for certification. The new facility location is approximately 300-feet east of the existing Calpine co-generation facility and is located on disturbed agricultural land. Row crops currently occupy the south and western borders of the facility with Gilroy Foods located east of the site. Airport Road is located on a small rise north of the project site.

Based on this review, staff has determined that the amendment to relocate the King City Energy Facility will remain in compliance with the applicable LORS and no additional conditions of certification are required. In addition, the proposed amendment will result in no significant environmental impacts. Staff recommends Commission adoption of the proposed amendment.