

**Notice of Decision by California Energy Commission**

<b>DOCKET</b> 03-AFC-2
DATE: OCT 11 2005
RECD: OCT 11 2006

To:  California Resources Agency  
1416 9th Street, Room 1311  
Sacramento, CA 95814

From: California Energy Commission  
1516 9th Street  
Sacramento, CA 95814

**Subject:** Filing of Notice of Decision in compliance with Public Resources Code Section 21080.5 and Title 20, California Code of Regulations, Section 1768

**Project Title:** LOS ESTEROS CRITICAL ENERGY FACILITY 2, PHASE 2

**Energy Commission Docket Number:** 03-AFC-2

**Energy Commission Contact Person:** ROBERT WORL

**Telephone:** (916) 651-8853

**Project Location:** 800 THOMAS FOON CHEW WAY, SAN JOSE, CA

**County:** SANTA CLARA COUNTY

**Project Description:**

Originally licensed on July 2, 2002 (01-AFC-12), and recertified on March 16, 2005 (03-AFC-2, Phase 1), as a simple-cycle power plant, the Los Esteros Critical Energy Facility (LECEF) project was required to recertify or convert to combined-cycle operation within 3 years of the original decision date. The current project application (03-AFC-2, Phase 2) contains an application to license the conversion of the LECEF to a combined-cycle facility, adding a steam turbine generator and associated equipment that increases the electrical output by 140 megawatts (MW) to a total output of 320 MW.

Phase 2, licensing the conversion of the LECEF to a combined-cycle facility has completed the Application for Certification process by the Energy Commission.

The project is a 180 megawatt (MW) simple cycle power plant, with four GE LM6000 natural gas-fired turbines and associated electrical generation equipment. Recycled water is used for cooling and for enhanced turbine efficiency. Power is currently supplied to the grid via an approved 150 foot-long permanent connection through the Pacific Gas & Electric Los Esteros Substation-Nortech 115 kV transmission line, but will transfer the interconnection to a 230 kV connection point at the Silicon Valley Power Switching Station recently build next to the LECEF. Selective catalytic reduction, and an oxidation catalyst are employed to reduce air pollutant emissions of NOx, SO2, and CO, and will continue to be used within the Heat Recovery Steam Generator system to be added during the conversion to combined-cycle operation.

On October 11, 2006, the California Energy Commission approved the above-described project, 03-AFC-2, Phase 2, pursuant to a regulatory program certified by the California Secretary of Resources under Section 21080.5 of the California Public Resources Code.

1. The project  will  **will not** have a significant effect on the environment.
2. Mitigation measures  **were**  **were not** made a condition of approval of the project.
3. A statement of Overriding Considerations [...] was  **was not** adopted for the project.

The Commission docket files containing the final Commission Decision and other information regarding the project are available to the public at: California Energy Commission, 1516 9th Street, Sacramento, California, 95814. The final Decision and other information regarding the project is also available on the Commission's web site—[www.energy.ca.gov].

Robert Worl  
Signature: Robert Worl

October 11, 2006  
Date

Project Manager  
Title

Dates received for filing

Resources:

CEC:

*rev'd By*  
*Office of the Secretary*  
OCT 11 2006  
*Resources Agency of California*



**CALPINE CORPORATION**

50 W. San Fernando Street  
San Jose, CA 95113 (916) 294-6266  
Debtor In Possession

UBOC DISBURSEMENT SERVICES  
Boston, MA 02108

53-292  
113

CHECK NUMBER

00021553

PAY ONLY

850 00  
EIGHT FIVE ZERO ZERO ZERO

DATE  
10/10/2006

AMOUNT  
\*\*\*\*\*\$850.00

VOID AFTER 180 DAYS

PAY Eight hundred fifty and 00/100 Dollars

*Charles B. Clark Jr.*  
Authorized Signature  
*Charles B. Clark Jr.*

TO THE ORDER OF

CALIFORNIA DEPT. OF FISH & GAME  
C/O STATE WATER RES. CONTR. BOARD  
P.O. BOX 2000  
SACRAMENTO, CA 95812-2000  
United States

⑈0021553⑈



**CALPINE CORPORATION**

50 W. San Fernando Street  
San Jose, CA 95113 (916) 294-6266

CALIFORNIA DEPT. OF FISH & GAME  
C/O STATE WATER RES. CONTR. BOARD  
P.O. BOX 2000  
SACRAMENTO, CA 95812-2000  
United States



STATE OF CALIFORNIA  
 DEPARTMENT OF FISH AND GAME  
 ENVIRONMENTAL FILING FEE CASH RECEIPT  
 DFG 753.5a (01/2002)

Receipt No: **3021**

Date: **10/11/2006**

Invoice Date: **10/11/2006**

Document No: **03-AFC-2**

Deposit No: **3708**

Lead Agency: **CA Energy Commission**  
 State Agency of Filing: **Department of Fish and Game**  
 Project Title: **Los Esteros Critical Energy Facility 2, P**

**Calpine Corp.**  
**50 W. San Fernando Street**  
**San Jose, CA 95113**

Project Applicant Name  
 Project Applicant Address:  
 City, State, Zip

Project Applicant (check appropriate box) Local Public Agency  School District  Other Special District   
 State Agency  Private Entity

**APPLICABLE FEES:**

Environmental Impact Report:	\$0.00
Negative Declaration:	\$0.00
Application Fee Water Diversion (State Water Resources Control Board Only):	\$0.00
Projects Subject to Certified Regulatory Programs	\$850.00

Lien fee: \$0.00

Penalty: \$0.00

County Administrative Fee: \$0.00

Project exempt from fees \$0.00

Total Received **\$850.00**

Person receiving payment: Bill Terry, Accounting Technician