

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA

<b>DOCKET</b> <b>05-AFC-1</b>
DATE _____
RECD. JAN 08 2008

IN THE MATTER OF:

APPLICATION FOR CERTIFICATION FOR THE  
PASTORIA ENERGY FACILITY (PEF)  
160 MW EXPANSION  
BY CALPINE CORPORATION

DOCKET No. 05-AFC-1

EXHIBIT LIST

- ✓ **Joint Exhibit A** *Joint Stipulation Regarding Testimony and Exhibits of Applicant and Commission Staff, Attachment 1, Exhibit List, with Attachment A, Topic and Witness Schedule, dated and docketed March 17, 2006. Received into evidence on March 30, 2006.*
- ✓ **Exhibit 1** Application for Certification (AFC), Pastoria Energy Facility Expansion, dated April 25, 2005. Docketed April 29, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 2** Pastoria-Pardee Transmission Line Project Environmental Analysis, dated November 8, 2005. Docketed November 9, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 3** Pastoria Energy Facility Addition, Technical Assessment Study, Prepared by Southern California Edison, dated January 19, 2006. Docketed January 23, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 3A** Southern California Edison document entitled System Impact Study, dated May 13, 2005. Docketed June 13, 2005, as part of a Data Adequacy Response package dated June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 4** Offset Equivalency Report, San Joaquin Valley Air Pollution Control District, dated November 18, 2005. Docketed March 30, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

- ✓ **Exhibit 5** Air Quality – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5A** Applicant's Supplement in Response to Data Adequacy Comments on the Air Quality section of the AFC, dated June 9, 2005. Docketed June 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5B** Applicant's Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request Nos. 1 through 33. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5C** Applicant's Response to CEC Staff Data Requests Set 2, dated August 12, 2005, Request Nos. 8, 10, 11, 12, 25, 29, 30, 31 and supplemental information regarding separate permits. Docketed August 12, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5D** Air Quality Modeling Files in support of Application for Certification, dated April 2005. (Docket No. 31127). Docketed April 29, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5E** Application for a Prevention of Significant Deterioration Permit, dated May 2, 2005, filed with the US EPA. (Docket Nos. 34223, 34277) This document consists of a transmittal letter, and the following sections of the AFC: Table of Contents, Executive Summary (1.0), Facility Description and Location (3.0), Air Quality (5.2) including the Air Quality Technical Report (Appendices A through F), Agriculture and Soils (5.4), Land Use (5.9) and Biological Resources (5.6), and air quality modeling files on CD. Docketed May 2, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ✓ **Exhibit 5F** Application for Determination of Compliance and Authority to Construct, filed with the SJVAPCD, dated May 3, 2005. (Docket No. 34224) This document consists of a transmittal letter with application forms, and the following sections of the AFC: Table of Contents, Executive Summary (1.0), Facility Description and Location (3.0), Air Quality (5.2) including the Air Quality Technical Report (Appendices A through F), Public Health (5.16 and air quality modeling files on CD). Docketed May 3, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

- Exhibit 5G** Letter from Nancy Matthews, Sierra Research to Dr. James Reede, CEC, transmitting additional information responding to informal CEC Staff requests, dated May 18, 2005. (Docket No. 34842). Docketed May 18, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5H** Letter from Nancy Matthews, Sierra Research, to Tom Goff, SJVAPCD, seeking data to support a cumulative impacts analysis, dated May 18, 2005. Docketed May 18, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5I** Letter from David Warner, SJVAPCD, to Andrew Whittome, PEF, confirming that the application has been accepted as complete by the SJVAPCD, dated May 19, 2005. (Docket No. 34414). Docketed May 19, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5J** Letter from Nancy Matthews, Sierra Research, to Thomas Goff, SJVAPCD, revising the VOC BACT emission rate for the project, dated May 24, 2005. (Docket No. 34428). Docketed May 24, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5K** Letter from Gerardo Rios, USEPA, to Andrew Whittome, Calpine, confirmed that the PSD application has been accepted as administratively complete, dated June 6, 2005. Docketed June 8, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5L** Letter from David Warner, SJVAPCD to Nancy Matthews, Sierra Research, confirm that no sources for the cumulative impacts analysis have been identified, dated June 6, 2005. Docketed June 9, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5M** Letter from Nancy Matthews, Sierra Research, to Dr. James Reede, CEC, transmitting EPA letter regarding administrative completeness, dated June 8, 2005. (Docket Nos. 34650, 34612). Docketed June 8, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5N** Letter from Nancy Matthews, Sierra Research, to Dr. James Reede, CEC, transmitting SJVAPCD letter regarding cumulative impacts, dated June 9, 2005. (Docket Nos. 34667, 34609). Docketed June 9, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

- Exhibit 5O** Letter from Nancy Matthews, Sierra Research, to Thomas Goff, SJVAPCD, transmitting corrected pages from the AFC and Application for Authority to Construct, dated June 14, 2005. (Docket Nos. 34668, 34608). Docketed June 14, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5P** Letter from Nancy Matthews, Sierra Research, to Dr. James Reed, CEC, transmitting an SJVAPCD report referenced in the response to Data Request 26, dated July 25, 2005. (Docket No. 35064). Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5Q** Letter from Nancy Matthews, Sierra Research, to Trent Procter, US Forest Service, transmitting Class I Impacts Analysis, dated August 8, 2005. Docketed August 12, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5R** Preliminary Determination of Compliance issued by the SVJAPCD for PEFE, dated August 31, 2005. (Docket No. 35444). Docketed August 31, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5S** Letter from Paul Richins, CEC, to David Warner, SJVAPCD, providing the CEC Staff's comments on the PDOC, dated September 29, 2005. (Docket No. 35744). Docketed September 29, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5T** Letter from Gary Rubenstein, Sierra Research, to David Warner, SJVAPCD, providing comments on the PDOC, dated October 5, 2005. (Docket No. 35596). Docketed October 5, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5U** Letter from Gerardo Rios, US EPA, to Dave Warner, SJVAPCD, providing EPA's comments on the PDOC, dated October 5, 2005. (Docket No. 35607). Docketed October 5, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 5V** Letter from Gary Rubenstein, Sierra Research, to Dave Warner, SJVAPCD, responding to EPA and CEC Staff comments on the PDOC, dated October 25, 2005. (Docket No. 35813). Docketed October 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 5W** Letter from David Warner, SJVAPCD, to Mike Tollstrup, California Air Resources Board, providing notice of issuance of a final Determination of Compliance for PEFE, dated November 9, 2005. Docketed November 9, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 5X** Final Determination of Compliance issued by the SJVAPCD for PEFE, dated November 9, 2005. (Docket No. 35894). Docketed November 9, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

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✓ **Exhibit 5Y** Applicant's Supplemental Air Quality Testimony dated January 30, 2006. Docketed January 30, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 5Z** Applicant's Supplemental Air Quality Testimony – Revised Appendix A dated February 3, 2006. Docketed February 3, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 6** Biological Resources – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 6A** Applicant's Supplement in Response to Data Adequacy Comments on the Biological Resources section of the AFC, dated June 9, 2005. Docketed June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 6B** Applicant's Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request Nos. 34 and 35. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 7** Cultural Resources – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 7A** Applicant's Supplement in Response to Data Adequacy Comments on the Cultural Resources section of the AFC, dated June 9, 2005. Docketed June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

✓ **Exhibit 7B** Applicant's Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request No. 36. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

- Exhibit 8** Hazardous Materials Handling – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 8A** Applicant’s Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request Nos. 38 and 39. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 8B** Applicant’s Response to CEC Staff Data Requests Set 2, dated August 12, 2005, Request No. 39. Docketed August 12, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 9** Land Use – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 10** Noise – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 11** Public Health – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 11A** Applicant’s Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request No. 40. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 11B** Applicant’s Response to CEC Staff Data Requests Set 2, dated August 12, 2005, Request No. 40. Docketed August 12, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 12** Socioeconomics – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 12A** Applicant’s Supplement in Response to Data Adequacy Comments on the Socioeconomics section of the AFC, dated June 9, 2005. Docketed June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- Exhibit 13** Soil and Water Resources – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 13A** Applicant's Supplement in Response to Data Adequacy Comments on the Soil and Water sections of the AFC, dated June 9, 2005. Docketed June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 13B** Applicant's Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request Nos. 41-44. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 13C** Applicant's Response to CEC Staff Data Requests Set 2, dated August 12, 2005, Request Nos. 42 and 44. Docketed August 12, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 13D** Industrial Water Services Contract Between Wheeler Ridge-Maricopa Water Storage District and Pastoria Energy Facility, LLC, Recorded on February 19, 2002. Docketed on June 16, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 14** Traffic and Transportation – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 15** Transmission Line Safety and Nuisance – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 16** Visual Resources – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 17** Waste Management – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

**Exhibit 17A** Phase I Environmental Site Assessment (ESA), prepared for Calpine by URS, dated February 2005. Docketed April 29, 2005. Sponsored by Applicant, and received into evidence on April 10, 2006.

**Exhibit 18** Worker Safety – Applicant's Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

- ~~Exhibit 19~~ Facility Design – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 20~~ Geology and Paleontology – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 21~~ Power Plant Efficiency – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 21A~~ Applicant’s Response to CEC Staff Data Requests Set 1, dated July 25, 2005, Request No. 37. Docketed July 25, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 22~~ Power Plant Reliability – Applicant’s Testimony. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 23~~ Reserved *Is there placeholder marked: reserved*
- ~~Exhibit 24~~ Alternatives – Applicant’s Testimony. Docketed January 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 24A~~ Applicant’s Supplement in Response to Data Adequacy Comments on the Alternatives section of the AFC, dated June 9, 2005. Docketed June 10, 2005. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 25~~ General Conditions – General Conditions. Docketed January 10, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.
- ~~Exhibit 26~~ Letter from Dariush Shirmohammadi of California ISO to Robert Lugo of Southern California Edison commenting on the Technical Assessment Study dated March 7, 2006. Docketed March 13, 2006. Sponsored by Applicant, and received into evidence on March 30, 2006.

~~Exhibits 27-99 Intentionally omitted.~~

- ~~Exhibit 100~~ Final Staff Assessment, Pastoria Energy Facility Expansion. Docketed November 28, 2005. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 101** Staff's Prehearing Conference Statement: Power Plant Efficiency, Supplemental Testimony of Steve Baker and William Walters. Docketed January 10, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 101A** Staff's Prehearing Conference Statement: Air Quality, Supplemental Testimony of William Walters. Docketed January 10, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 102** Staff's Supplemental Testimony: Air Quality, Supplemental Testimony of William Walters. Docketed March 17, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 102A** Staff's Supplemental Testimony: Hazardous Materials Management, Supplemental Testimony of Alvin Greenberg, Ph.D and Rick Tyler. Docketed March 17, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 102B** Staff's Supplemental Testimony: Soil and Water Resources, Supplemental Testimony of Linda D. Bond, P.G. Docketed March 17, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.

**Exhibit 102C** Staff's Supplemental Testimony: Transmission Systems Engineering, Supplemental Testimony of Sudath Arachchige and Mark Hesters. Docketed March 17, 2006. Sponsored by Energy Commission Staff, and received into evidence on March 30, 2006.