



BEFORE THE ENERGY RESOURCES CONSERVATION AND
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE
HUMBOLDT BAY REPOWERING PROJECT
BY PACIFIC GAS AND ELECTRIC COMPANY

DOCKET No. 06-AFC-7

DOCKET
06-AFC-7
DATE _____
RECD. OCT 8 0 2008

EXHIBIT LIST

APPLICANT'S EXHIBITS

- EXHIBIT 1** Humboldt Bay Repowering Project AFC, dated 09/29/06. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 2** Application for Determination of Compliance, dated 09/29/06. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 3** Request by North Coast Unified Air Quality Management District fulfilled by Sierra Research, dated 10/13/06. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 4** Data Adequacy Supplement, dated 11/01/06. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 5** Cumulative Impacts Analysis Letter to Nancy Matthews, dated 11/9/06. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 6** Web Team, Nancy Matthews Responses to Air Resources Board Questions, dated 01/11/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 7** Data Responses to Data Requests 1 through 57, dated 01/12/07. Sponsored by Applicant, and received into evidence on June 17, 2008.

- EXHIBIT 8** Drainage, Erosion, and Sediment Control Plan, dated 01/12/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 9** Responses to Questions from Simona Altman by Nancy Matthews, dated 01/17/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 10** Sierra Research's Responses to Emission Calculations from Nancy Matthews, dated 01/18/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 11** Transmittal of Electronic Copy of Draft Wetland Delineation Report, dated 01/19/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 12** Additional Responses to Questions from Simona Altman of the Air Resources Board, by Nancy Matthews of Sierra Research, dated 02/02/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 13** Submittal of Pacific Gas and Electric Responses to Staff Data Requests 58 through 78 and Workshop Query 1 through 22, dated 02/13/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 14** Response to Air Quality Workshop Query #1, dated 03/02/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 15** Wartsila Emission Factor Guarantees for the Humboldt Bay Repowering Project, dated 03/14/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 16** CH2M Hill Responses to Data Requests 79 through 85 and Workshop Queries, dated 03/16/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 17** Pacific Gas and Electric Responses to Workshop Queries 8 and 23 through 27, dated 03/23/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 18** Pacific Gas and Electric Responses to Workshop Queries 3, 11, 14, and 15 and Data Requests 11, 55, 82 and 83, dated 03/30/07. Sponsored by Applicant, and received into evidence on June 17, 2008.

- EXHIBIT 19** Pacific Gas and Electric Revisions to the Air Quality Analysis Baseline Period and Emission Reduction Credits, dated 04/04/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 20** Wartsila Memo Confirming the Emission Values Contained in the AFC, dated 04/11/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 21** Redwood Coast Energy Authority Support Letter for the Humboldt Bay Repowering Project, dated 4/11/07 Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 22** Letter Report on Air Quality Modeling Methodology for the Humboldt Bay Repowering Project, Prepared by D. Bruce Turner, Trinity Consultants, dated 04/18/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 23** Humboldt Bay Repowering Project Preliminary Phase II ESA Report, dated 04/23/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 24** Revised Humboldt Bay Power Plant Activities, dated 05/04/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 25** U.S. Army Corps of Engineers Wetland Delineation Verification Letter and Map, dated April 23, 2007. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 26** Buhne Point Wetlands Preserve Mitigation and Monitoring Plan; and Coastal Access Enhancement Proposal, dated 07/06/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 27** Letter in Response to July 5, 2007 letter to Greg Lamberg/ Pacific Gas and Electric Regarding Revised Modeling Protocol Submitted June 13, 2007, dated 07/17/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 28** Modeling Protocol, Revised July 17, 2007, dated 07/17/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 29** CDP Application # E-07-005 for Proposed Offices and Parking at Humboldt, dated 10/12/07 Sponsored by Applicant, and received into evidence on June 17, 2008.

- EXHIBIT 30** Memo Regarding PM Control Efficiency of Diesel Oxidation Catalysts, dated 08/30/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 31** Revised Air Quality Analysis Section 8.1A through 8.1G, dated 09/12/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 32** Supplement to Address Revised Air Quality Modeling and Increased Stack Height, dated 09/28/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 33** Preliminary Determination of Compliance Permit to Construct Evaluation, dated 10/15/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 34** Letter from Coastal Commission Regarding Review of Projects Subject to the Application for Certification, dated 10/16/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 35** Preliminary Determination of Compliance, dated 10/22/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 36** Responses to CEC Staff Requests 86 through 105, dated 11/01/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 37** Applicant's Response to CEC Staff Data Request 100, dated 11/02/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 38** Applicant's Responses to CEC Staff Data Requests 104 and 105, dated 11/06/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 39** Supplemental Screening Health Risk Assessment, dated 11/09/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 40** Letter Regarding CDP #E07-005 for the SDPP, dated 11/15/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 41** Applicant's Responses to CEC Staff Data Request 103, dated 11/16/07. Sponsored by Applicant, and received into evidence on June 17, 2008.

- EXHIBIT 42** Revised Visual Simulations, dated 11/19/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 43** Pacific Gas and Electric Comments on the Humboldt Bay Repowering Project Preliminary Determination of Compliance, dated 11/20/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 44** Pacific Gas and Electric Pipeline Removal Project, dated 12/04/07. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 45** Pacific Gas and Electric Company's Supplemental Comments on the Preliminary Staff Assessment, dated 01/02/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 46** Amendment to Facility License (Amendment No. 23, License No. DPR-7), dated 01/15/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 47** Pacific Gas and Electric Company's Supplemental Screening Health Risk Assessment, dated 02/06/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 48** Applicant's Responses to CEC Staff Workshop Queries 16 and 17, dated 02/21/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 49** Post-Shutdown Decommissioning Activities Report, Humboldt Bay Power Plant Unit 3, dated 04/02/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 50** City of Eureka's Support for Pacific Gas and Electric Company's Contribution to a Public Use, dated 04/07/08. Sponsored by Applicant, and received into evidence on June 17, 2008.
- EXHIBIT 51** See Exhibit 206.
- EXHIBIT 52** See Exhibit 206.
- EXHIBIT 53** Applicant's Supplemental Information in Responses to Workshop Queries Historical Resources Evaluation of the Humboldt Bay Power Plant Units 1 and 2 Humboldt Bay Repowering Project, dated 04/17/08. Sponsored by Applicant and received into evidence on June

17, 2008.

- EXHIBIT 54** Clean Water Act Section 404 Permit, dated 10/16/07. Sponsored by Applicant and received into evidence on June 17, 2008.
- EXHIBIT 55** Project Description Testimony and Declaration of Greg Lamberg, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 56** Air Quality Testimony and Declaration of Gary Rubenstein, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 57** Alternatives Testimony and Declarations of Susan Strachan and Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 58** Biological Resources Testimony and Declaration of Debra Crowe, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 59** Cultural Resources Testimony and Declarations of Douglas Davy and Jessica Feldman, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 60** Facility Design, Efficiency and Reliability Testimony and Declaration of Kenneth F. Horn, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 61** Geology and Paleontology Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 62** Hazardous Materials Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 63** Land Use Testimony and Declaration of Susan Strachan, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 64** Noise and Vibration Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.

- Exhibit 65** Public Health Testimony and Declaration of Jerry Salamy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 66** Socioeconomics Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 67** Traffic and Transportation Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 68** Transmission Lines Safety and Nuisance Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 69** Transmission System Engineering Testimony and Declaration of Kenneth F, Horn, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 70** Waste Management Testimony and Declaration of Susan Strachan, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 71** Soil and Water Resources Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 72** Worker Safety Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 73** Visual Resources Testimony and Declaration of Douglas Davy, dated June 4, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 74** Repowering Humboldt Bay Power Plant, "Project Overview and Schedule Criticality," presented by PG&E, dated June 17, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 75** Pacific Gas & Electric Company and CEC Staff Joint Stipulation on Modifications to the Final Staff Assessment and Proposed Conditions of Certification, dated May 30, 2008. Sponsored by Applicant and received into evidence on June 17, 2008.

- Exhibit 76** Suggested Revision to Cultural Resources Conditions, dated June 16, 2008, Final Agreement. Sponsored by Applicant and received into evidence on June 17, 2008.
- Exhibit 77** Pacific Gas & Electric Company's Bioretention Area Submittal, dated August 13, 2008. Sponsored by Applicant and received into evidence on September 16, 2008.
- Exhibit 78** Report of Conversation between Brian Haughton, Barg, Coffin, Lewis & Trapp, and Kim Niemeyer, NCRWQCB Legal Counsel, dated September 9, 2008, regarding HBRP construction Prior to Receiving the 401 Certification. Sponsored by Applicant and received into evidence on September 16, 2008.

ENERGY COMMISSION STAFF'S EXHIBITS

- EXHIBIT 200** Final Staff Assessment of the Humboldt Bay Repowering Project, dated May 15, 2008. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 201** E-mail from Mr. David Byrd, State Historian II, State Office of Historic Preservation to Ms. Beverly Bastian, dated December 12, 2007. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 202** Risk Assessment Forum, U. S. Environmental Protection Agency, *Guidelines for Carcinogen Risk Assessment*, dated March 2005. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 203** Peter M. J. Bos, Bert-Jan Baars, Marcel T. M. van Raaij, *Risk Assessment of Peak Exposure to Genotoxic Carcinogens: A Pragmatic Approach*, dated January 6, 2004. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 204** Facsimile communication from Dr. Edward Calabrese, Northeast Regional Environmental Health Center to Dr. Alvin Greenberg, dated January 12, 1996. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 205** Memorandum from Lorenz Rhomberg, Carcinogen Assessment Group, Office of Health and Environmental Assessment, United States Environmental Protection Agency on *Correcting Methylene Chloride Risk Estimates for Pharmacokinetic Dose-Rate Effects*, dated March 4, 1988. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 206** North Coast Unified Air Quality Management District's Final Determination of Compliance. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 207** Natural Resources Services Division of RCAA for the City of Eureka, Elk River Access Project Recommendations, dated August 22, 2002. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 208** Letter from David W. Tyson, City Manager, City of Eureka, to Mr. John Kessler, Regarding Support for PG&E's Contribution to a Public Use Area, dated April 7, 2008. Sponsored by Staff; received into evidence on June 17, 2008.

- EXHIBIT 209** Declaration of John S. Kessler for preparation of the Project Description section in the Final Staff Assessment. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 210** Staff proposed changes to Public Health Condition of Certification, **PUBLIC HEALTH-1**. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 211** Staff proposed changes to Cultural Resources Conditions of Certification, **CUL-8**, and **CUL-9**, dated 6/13/08. Sponsored by Staff; received into evidence on June 17, 2008.
- EXHIBIT 212** Staff Supplemental Testimony for Bioretention Area in Biological Resources, Soil and Water Resources, and various Declarations of Staff Witnesses. Sponsored by Staff; received into evidence on September 16, 2008.
- EXHIBIT 213** Staff recommended changes to Air Quality and Biological Resources, **BIO-8 Verification**. Sponsored by Staff; identified only for the record on September 16, 2008.

OVERSIZE DOCUMENT

- Too Large to Scan
- No Digital Version Available
- The complete document can be found in the Dockets Unit.