

SECTION 8.0

Environmental Information

This chapter contains 16 individual sections, each with a divider and tab heading. The sections represent the 16 environmental, public health and safety, and local impact assessment disciplines for which the California Energy Commission (CEC) Energy Facilities Siting Regulations (Title 20, California Code of Regulations, Section 1704, Appendix B) require information in an Application for Certification (AFC). The sections have a standardized format under the following headings:

- Affected Environment
- Environmental Consequences
- Cumulative Impacts
- Mitigation Measures
- Laws, Ordinances, Regulations, and Standards (LORS)
- Agency Contacts
- Permit Requirements and Permit Schedules

The Introduction briefly describes the subject matter and organization of each section. Affected Environment includes relevant background information about the project's environmental, social, and regulatory settings. Environmental Consequences analyzes the potential environmental consequences of the construction and operation of the Humboldt Bay Repowering Project (HBRP). The section begins with a list of the criteria used to determine whether environmental effects of the project qualify as significant adverse environmental impacts. Cumulative Impacts discusses potential effects of the project that are not significant adverse impacts, but that could reach significance cumulatively in combination with other projects. Mitigation Measures describes any mitigation measures necessary to reduce potential impacts below the level of significance. Laws, Ordinances, Regulations, and Standards discusses and lists the LORS that pertain to the project for a given discipline and includes a demonstration that the project, as designed, would comply with all applicable LORS. Agency Contacts is a list of federal agencies with permitting authority over the project, and state and local regulatory agencies that would have such permitting authority, but for the exclusive purview of the CEC to license thermal power plants greater than 50 MW in capacity in California. This section also contains a list of regulatory agency staff and their contact information. Permit Requirements and Permit Schedules lists what these permits would be.

The subsection titles are as follows:

- 8.1 Air Quality
- 8.2 Biological Resources
- 8.3 Cultural Resources
- 8.4 Geological Hazards and Resources
- 8.5 Hazardous Materials Handling

- 8.6 Land Use
- 8.7 Noise
- 8.8 Paleontological Resources
- 8.9 Public Health and Safety
- 8.10 Socioeconomics
- 8.11 Soils and Agriculture
- 8.12 Traffic and Transportation
- 8.13 Visual Resources
- 8.14 Waste Management
- 8.15 Water Resources
- 8.16 Worker Health and Safety