

6.1 INTRODUCTION

This section describes the affected environment and the potential environmental effects of the Canyon Power Plant (CPP) project in accordance with California Energy Commission (CEC) requirements. Impacts are assessed for the construction and operations of the proposed new generating plant structures.

The analyses presented in this section are based on the following:

- Details of the proposed project as presented in Sections 2.0, 3.0, and 4.0
- Consideration of CEC regulations, including regulations applicable to the expedited processing of projects
- Consideration of CEC staff input

The environmental assessments presented in this section are meant to comply with CEC requirements, including those of the California Environmental Quality Act (CEQA). In general, each section follows the same format of presenting the affected environment and existing site conditions, followed by the environmental consequences of the proposed project with measures proposed to mitigate any potentially significant adverse impacts.

This section is arranged by scientific discipline in the following order:

- Air Quality
- Geologic Hazards and Resources
- Agriculture and Soils
- Water Resources
- Biological Resources
- Cultural Resources
- Paleontological Resources
- Land Use
- Socioeconomics
- Traffic and Transportation
- Noise
- Visual Resources
- Waste Management

- Hazardous Materials Handling
- Public Health
- Worker Safety
- Cumulative Impacts