

ENVIRONMENTAL INFORMATION

5.1 INTRODUCTION

Scope Of Environmental Analysis

A complete and detailed analysis was conducted to evaluate potential environmental impacts of the PEF Expansion. Because the PEF Expansion will result in very limited construction and operational changes within the existing site, the PEF will not result in any significant unmitigated environmental impacts. As discussed throughout Section 5.0, for several issue areas there are no impacts associated with the PEF. For other issue areas, the PEF will result in impacts that are either insignificant or fully mitigated. Relevant reference materials used to support this analysis from 99-AFC-7 are included in Volume II of this AFC. A complete discussion of the document organization is included below.

How This Document Is Organized

The environmental analysis for the PEF Expansion relies upon existing PEF 99-AFC-7 materials to the maximum extent possible for components of the PEF that remain unchanged. The following are key organizational features of this document.

This document is organized into two volumes. Volume I is formatted similarly to Volume I of the original PEF project AFC (99-AFC-7) with essentially the same section number headings. The three main exceptions are as follows: 1) limited process engineering information is included in Section 3.0, (i.e., Process Flow, Water Balance, and Single Line Diagrams) that would normally be placed in a technical appendix, 2) the Air Quality Technical Report that would normally be placed in a technical appendix is included as part of Section 5.2, Air Quality, and 3) Section 9.0 includes relevant information from the existing PEF including the existing Conditions of Certification, the CEC License Decision for 99-AFC-7, an annotated list of license amendment to 99-AFC-7, and copies of all CEC Orders approving license amendments. In addition, information on emission reduction credits is included in Appendix F of the Air Quality Technical Report. Volume II contains relevant materials from 99-AFC-7 that are used to support the analysis conducted for the PEF Expansion AFC. The Applicant requests that information from the 99-AFC-7 CEC proceedings be incorporated by reference in this proceeding [CCR 1704 (a)(2)].

With this organization, the reader is not required to refer back to the original PEF AFC (99-AFC-7), rather, all relevant background information is contained in this AFC. In addition, the PEF, LLC expects that the CEC staff evaluating this project will be able to use the material provided in this AFC to find the project data adequate under the six-month licensing process.

Project Processing

Because much of the analysis for the PEF Expansion relies upon the analysis conducted for 99-AFC-7, the Applicant believes that this project will be able to qualify for a six-month processing schedule. The table below lists the CEC criteria for six-month processing and denotes where the information to comply with this requirement can be found in the PEF Expansion AFC. In addition, under separate cover, the Applicant expects to file completed CEC Data Adequacy worksheets to assist CEC staff during their review of this application.

COMPLIANCE WITH SIX-MONTH PROCESSING REQUIREMENTS

CEC Six-Month Processing Requirement	Location of Material in the PEF Expansion AFC
Substantial evidence of the project's compliance with laws, ordinances, regulations and standards applicable at the time of certification	Refer to Sections 7.0 and 9.0 of Volume I. A compilation of all existing permits for the existing PEF have been provided to the CEC under separate cover (PEF Permit Book).
Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment	Refer to Section 5.0 (Sections 5.2 through 5.18) of Volume I.
Substantial evidence that the project will not cause a significant adverse impact on the electrical system	Refer to Section 3.0 of Volume I. The system impact study will be provided to the CEC under separate cover.
A discussion of the potential for disproportionate impacts from the project on minority or low income people	Refer to the analysis conducted for 99-AFC-7 included in Attachment I of Volume II.
Information demonstrating the applicant's control by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable of the proposed site	Refer to Section 3.0 of Volume I and the PEF Permit Book.
A will serve letter or a similar document from each provider of water to the project, including each providers willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Refer to the discussion of the PEF water plan provided in the Commission's Decision Document for 99-AFC-7 included in Section 9.0 of Volume I. Contractual documents were submitted under separate cover as part of 99-AFC-7, and are herein incorporated by reference.