

PALOMAR ENERGY PROJECT (01-AFC-24)
CEC STAFF DATA REQUEST NUMBER 66

Technical Area: Transmission System Engineering

Response Date: April 8, 2002

REQUEST:

Please provide SDG&E's Detailed Facility Study for the off peak season. Analyze the system impact with and without the project during off-peak system conditions which will demonstrate conformance or non-conformance with the SDG&E reliability and planning criteria with the following provisions:

- a. Identify major assumptions in the base cases including imports to the system, major generation and load changes in the system and queue generation.
- b. Analyze system for N-0, important N-1 and critical N-2 contingency conditions and provide a list of criteria violations in a table showing the loadings before and after adding the new generation.
- c. Identify the reliability and planning criteria utilized to determine the criteria violations.
- d. Provide a list of contingencies evaluated for each study.
- e. Provide power flow diagrams (MW, % loading & P. U. voltage) for base cases with and without the project. Power flow diagrams must also be provided for all N-0, N-1 and N-2 studies where overloads or voltage violations appear.
- f. List mitigation measures considered and those selected for all criteria violations.
- g. Provide electronic copies of *.sav and *.drw PSLF files.

RESPONSE:

The requested material is in preparation and is expected to be provided to the CEC by April 19, 2002.
