

From: Jim Woodward
To: Docket Optical System
CC: Mohan Niroula
Date: 2/17/2009 5:06 PM
Subject: Docket #09-IEP-1B DWR State Water Project Resource Plan.
Attachments: Copy of Copy of CEC-100-2008-010-CMF-Electricity Resource Planning-02172009
-FINAL.xls; Narrative Information on SWP RA program 02172009.doc

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From: Niroula, Mohan
Sent: Tuesday, February 17, 2009 4:59 PM
To: 'Docket@energy.state.ca.gov'
Cc: Forsythe, William; MacMullen, Douglas; Bui, Tuan; Doan, Chi; Lam, Tony (PARO); Seehafer, Jon
Subject: Docket #09-IEP-1B DWR State Water Project Resource Plan.

California Department of Water Resources State Water Project hereby submits the Electricity Resource Plans in response to the notice published on January 5, 2009. SWP requests for the confidential treatment of data.

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Narrative Information on SWP's Resource Adequacy program

State Water Project's (SWP) Resource Adequacy (RA) program is governed by California Department of Water Resources (CDWR) as its Local Regulatory Authority (LRA). On August 2006, CDWR provided its RA program to the California Independent System Operator (CAISO). CEC already has a copy of the RA program declaration (to be treated as confidential document) submitted in 2007 IEPR process. SWP's currently effective RA program declaration provides details on its RA program. Any future updates on the RA program declaration will be updated to the CEC.

In the current filing SWP has projected the latest forecast of loads and resources on 2009 which is a dry year. Most recent forecast of 2009 Loads and Resources data (based on historical hydrology on a 90% exceedence level and a 50% delivery for the Feather River Service Area data) has been projected to 2010 and beyond because of the fact that SWP's demand forecast and resource forecast is uncertain (outside DWR's control). As the peak demand forecast included in this filing impacts the 2010 RA determination (data used by CEC to determine coincident peak), SWP is providing conservative figure (as the forecast is uncertain) that is based on 90% exceedence for 2009 so that overestimation is avoided for SWP's RA obligation. As the effective month approaches, the most recent forecast is used for compliance with the RA program. So the forecast used for the year ahead or for the long term purposes will not preclude SWP from fulfilling its RA obligation on a particular month based on the most recent forecast.

The template provided in this filing does not exactly fit SWP's conditions. For example, S1-CRATS, line "1a" is LSE's peak load and line "11" is LSE's coincident peak demand. In SWP's case, line "1a" refers to its off-peak load unlike other LSEs who have their peak load occur during on-peak hours. For SWP, coincident peak load at line "11" can not be calculated as formatted. Coincident peak forecast for SWP can not be derived but input from loads and resource forecast data. Line "14", Firm LSE peak hour resource requirement, may be less than calculated as formatted because the 15% reserve margin does not apply for the part of the load that is providing ancillary services. The ancillary services provided from pump load may vary month by month. The existing and planned resources are the maximum capacity from the loads and resources data for off-peak hours when SWP's load is maximum.