

Feedback

Name: Ann Finley

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Subject: Comments on CTPG Ph 1 Report  
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Message: Comments from Metropolitan Water District of So Cal (MWD) regarding the 2010 Phase 1 CTPG 2020 Study Report:

On pages 44, 45 and 47:

Overloads on JhindsSCE-JhindsMWD are indicated in Case B2 and Case B2 w/o GPNP as 121% and 130%. The recommended mitigation was to add a second conductor or reconductoring.

Any description or mitigations for overloads on this line segment between SCE and MWD's JHinds buses need to be corrected in the report since there is an SCE owned flow-based SPS planned to prevent overloads on MWD's system should flows exceed 340MVA. Please contact SCE for details as they are the owner of this SPS which will be configured in spring/summer 2010.

P. 59 Concern over description that reactive support in SCE's 230kV system listed post-transient deficiencies at Coachella due to replacement of steam generation with renewables which causes the 230KVsystem to have voltage deterioration. With the loop in of the Coachella-Devers into Mirage creating a Mirage - Devers 230kV line #2, MWD would like to know how this affects the voltages at Mirage and MWD's Hinds, Eagle Mtn. and Iron Mtn 230kV buses.

Has CTPG reduced or scaled down the MWD pumploads? The five pumping plant buses (Jhinds, Eagle Mtn, Iron Mtn, Gene and Intake) should represent an 8 pump flow around 288 MW. This would represent roughly 2600GWH per year rather than the 1507 Gwh/yr mentioned on p. 21. It would be important for voltage studies to represent both the MWD max pump representation and a scenario or two with minimum/zero pumps. Running a sensitivity with each of the five MWD pumps outputting 0 MW would ensure no overloads especially on SCE system west of JHindsSCE.

The Etiwanda 66-230kV transformer is overloaded on p. 35.

What is Etiwanda MWD generating unit modeled in the cases? This is a renewable (RPS) small conduit hydro that can peak to 23MW in summer onpeak and 3 MW summer offpeak and typically 0MW from Nov-May.

If you have any questions, please contact me.

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