

**California Transmission Planning Group (CTPG)  
Technical Study Team Response to  
Comments of Metropolitan Water District (MWD) on  
CTPG's Draft Phase 4 Study Report**

**Comment:**

MWD has a question related to a 150-megawatt solar plant listed in the Draft CTPG Phase 4 Study Report associated with an Iron Mountain Competitive Renewable Energy Zone ("CREZ") on pages 22-24, 48-49, 53, and 58. The report also indicates that no grid configuration changes are necessary. Please identify the utility and location/grid/bus to which this proposed 150-megawatt plant would interconnect.

**CTPG Technical Study Team Response:**

The referenced 150-megawatt solar thermal power plant was included in the California Public Utilities Commission's ("CPUC's") "discounted core." It is identified by the CPUC with the resource name "Solar Reserve (Rice Solar)." The geographic area known as "Rice" is approximately 18 miles east/southeast of Iron Mountain substation near the San Bernardino/Riverside County line and is located adjacent to MWD's Colorado River Aqueduct. For power flow modeling purposes, the CTPG connected this generator to MWD's 230-kV bus at Iron Mountain substation. The information readily available to the CTPG does not indicate where this generator proposes to connect to the existing transmission grid.

**Comment:**

Please confirm with the high stressed West-of-River flows studied in the Draft CTPG Phase 4 Study Report, that there were no unacceptable voltages (thermal and post-transient) for MWD's 230- or 6.9-kV pumping system.

**CTPG Technical Study Team Response:**

The studies conducted by the CTPG Technical Study Team for the West-of-River Stress scenario did not find any thermal overloads or unacceptable post-transient voltages on MWD's 230-kV facilities. The CTPG Technical Study Team did not evaluate possible impacts on the 6.9-kV portion of MWD's pumping system and cannot confirm there were no unacceptable voltages or thermal overloads.