

Path 46 (West of River) Short-Term Upgrades Path Rating Study Updates

STEP Meeting

July 24, 2006

David Le

Study Milestones

- March 21, 2005 – CAISO sent the Path 46 (West of River) Path Rating Notification to Mr. Phil Park, WECC PCC Chairman
- June 20, 2005 – First project meeting at WECC/WATS. PRG was formed for the project. Presented study plan to the PRG
- August 23, 2005 – PRG approved the proposed target of 505 MW increase for the analysis of the WOR Path Rating Study. Before this concurrence, CAISO and PRG group were looking into different levels (up to 12,000 MW previously) for increase of WOR path rating. The 505 MW increment is limited by thermal limit of Victorville – Lugo 500kV line under N-1 of Mohave – Lugo 500kV under non-simultaneous analysis
- October 18 & 19, 2005 – Preliminary non-simultaneous study results were presented to the WECC/WATS PRG
- November 3, 2005 – WECC/WATS PRG approved the +505MW WOR Short-Term Upgrades Study Plan and non-simultaneous power flow base cases

Study Milestones

- November 22, 2005 - Received WECC/WATS PRG approval on the simultaneous SCIT/WOR/EOR power flow base cases
- March 28, 2006 – Presented study results on simultaneous interaction between Path 46 (WOR) with Path 26 (Midway-Vincent 500kV), Path 27 (IPPDC), Path 61 (Victorville-Lugo 500kV) and Path 65 (PDCI). Path 41 (LADWP Sylmar – SCE) study results were included in the Final Draft Rating Study Report
- June 1, 2006 – The CAISO, in collaboration with SCE, sent out the Final Draft Path 46 (WOR) Short-Term Upgrades Rating Study Report to the WECC/WATS PRG members for 30-day comments. Last day for comments on the Draft Rating Study Report was July 3, 2006. The proposed WOR path rating increase is 505 MW (for 10,623 MW WOR Path Rating). The report included non-simultaneous and simultaneous interaction analyses with SCIT, Path 26, Path 27, Path 61, Path 65 and Path 41

Study Milestones

- July 10, 2006 – Obtained concurrence from the WECC/WATS Peer Review Group (PRG) on the Final Report via conference call.
- Next Step – Send letter this week to WECC PCC and TSS for review and approval