

DPV2 500 kV Transmission Project

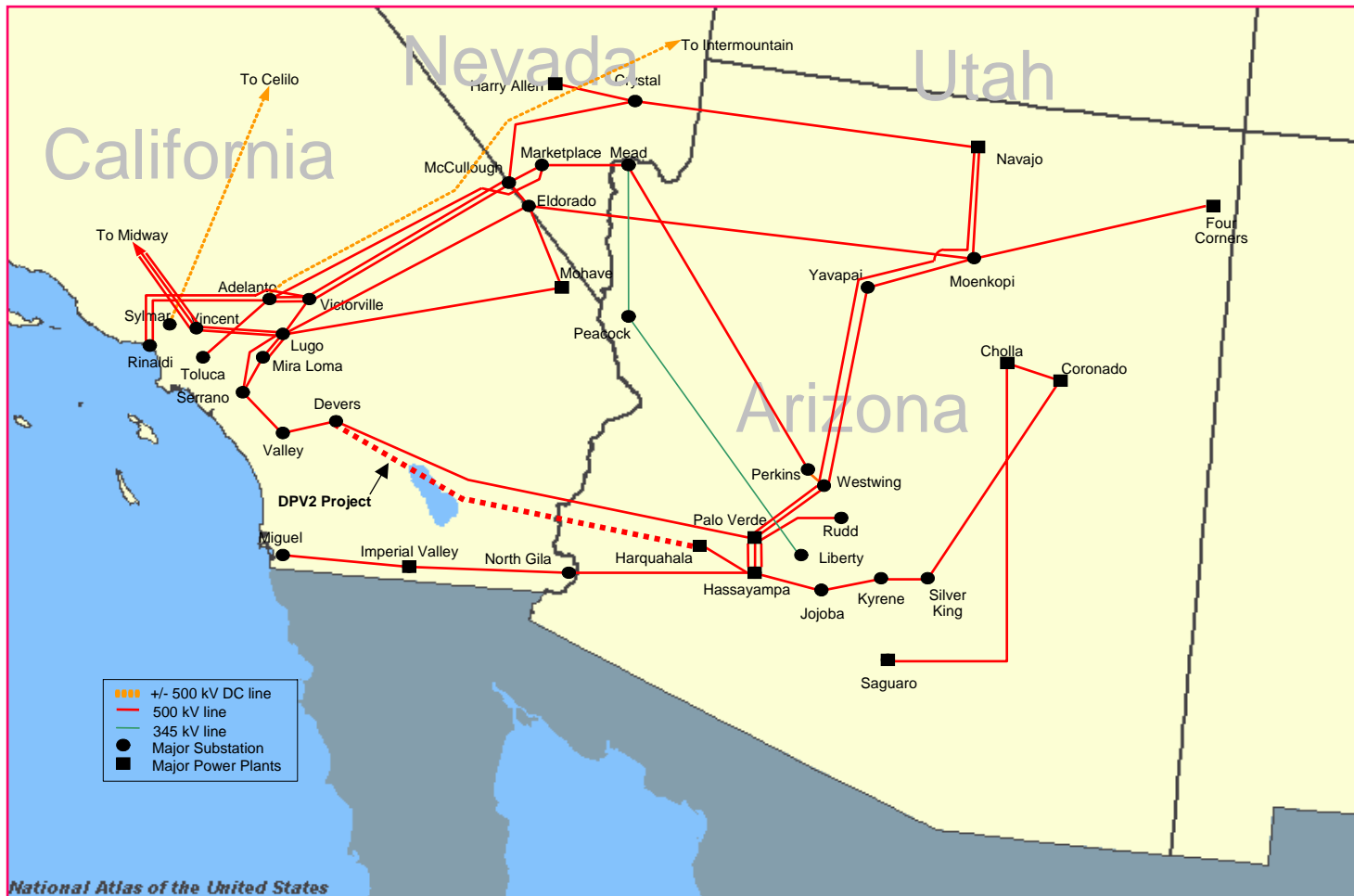
Status Report

SWAT Oversight Committee

Informational Item

August 16, 2006

DPV2 – Proposed Route

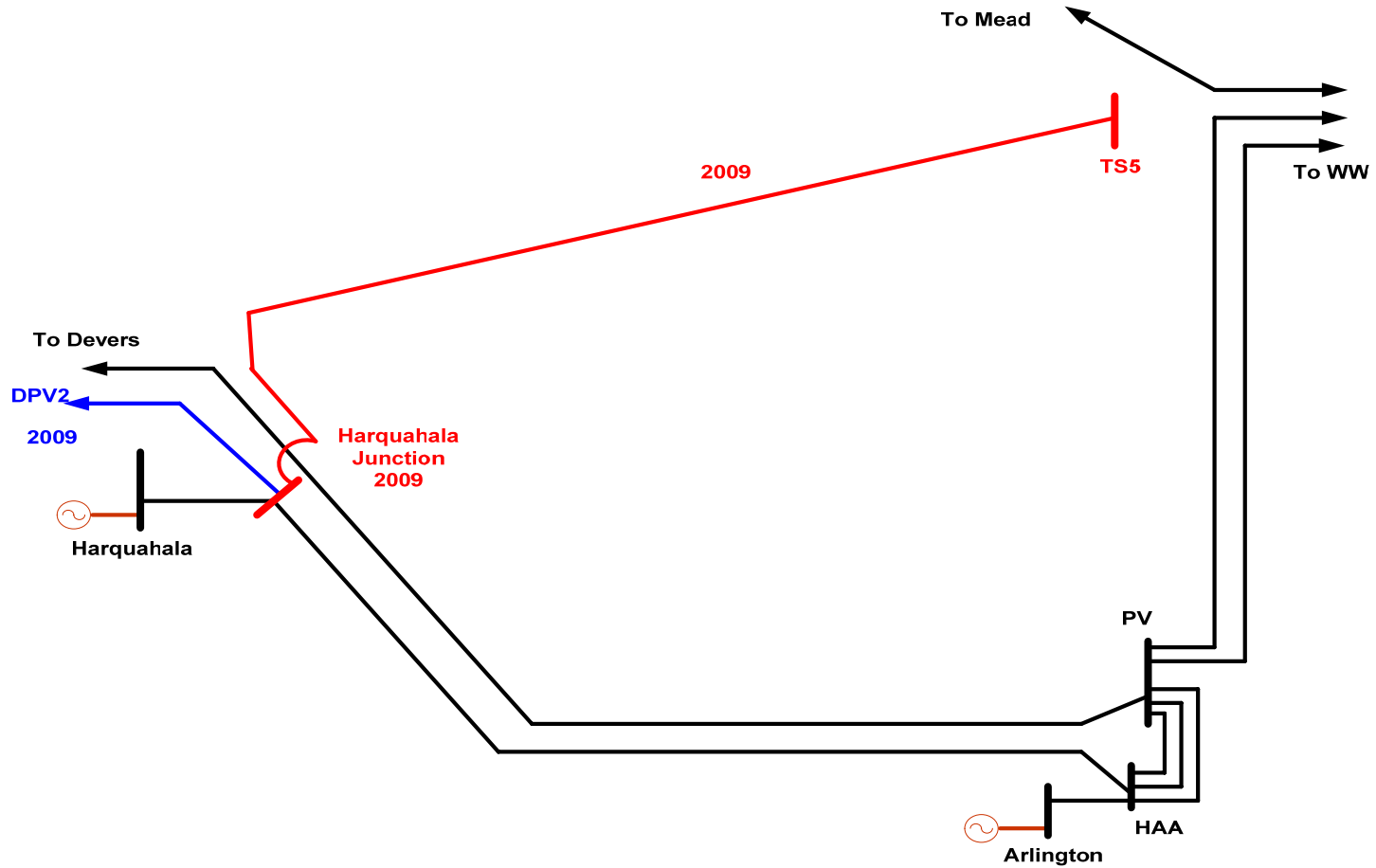




DPV2 SCOPE – HARQUAHALA TERMINATION OPTIONS

- Harquahala Termination East
 - Devers – Harquahala plant (via Harquahala Jct.)
- Harquahala Jct. Termination
 - Build new Harquahala Jct. switching station and
 - Terminate 500 kV lines to Hassayampa, TS5, Harquahala Plant and Devers (DPV2 only)

DPV2/TS5 L&B Option





DPV2 SCOPE REVISION – WEST OF DEVERS

- Original West of Devers Reinforcement
 - Rebuild Devers-San Bernardino 230 kV lines 1 and 2
 - Rebuild Devers-Vista 230 kV lines 1 and 2
- Revised West of Devers Reinforcement
 - Build new Devers-Valley 500 kV line #2
 - No upgrades to West of Devers 230 kV system
- Submitted to CAISO for Approval



Regulatory Filings

- Filed CPCN Application with CPUC/BLM on April 11, 2005
 - Phase 1 hearings on January 10, 2006
 - Phase 2 hearings on July 10, 2006
- Filed CEC Application with ACC on May 1, 2006
 - 1st set of hearings on June 26 and 27
 - 2nd set of hearings on August 21 and 22
 - Additional hearings in September if needed



WECC Rating Process

- EOR Rating Activity
 - Granted Phase 2 Status (September 21, 2004)
 - Granted Phase 3 Status (August 25, 2005)
 - Phase 3 Status Retained With Revised POS (June 29, 2006)
- WOR Rating Activity
 - Granted Phase 2 Status (October 31, 2005)
 - Requested Phase 3 Status (April 21, 2006)
 - Phase 3 Status Retained With Revised POS (June 29, 2006)
- Combined DPV2 and EOR9300 EOR Rating Activity
 - Comprehensive Progress Report submitted (December 30, 2005)



PV E&O/WATS Technical Study Process

- SSR
 - Final Report approved by WATS on 10/18/05
 - Final Report approved by PV E&O on 04/11/06
- Short Circuit
 - Final Report approved by SCWG on 7/12/05
 - Final Report approved by PV E&O on 04/11/06
- EOR Path Rating
 - Final Report approved by WATS on 7/25/05
 - Final Report approved by PV E&O on 04/11/06
- PV Hub – Extreme Contingencies
 - Final Report approved by WATS on 12/22/05
 - Final Report approved by PV E&O on 04/11/06



MPP E&O/WATS Technical Study Process

- SPS
 - On-going study to evaluate SPS requirements and arming strategy to mitigate DPV1 and DPV2 outage
 - Two Alternatives Identified
 1. Drop SOCAL Load & Operate Perkins Phase Shifters
 2. Drop SOCAL Load & Trip AZ Generation
 - On April 18, 2006, the MPP E&O endorsed pursuing more detailed studies for Alternative 1