

Rulemaking 12-03-014 (LTPP) Track 4

Exhibit No. CEERT-X-CAISO-1

Witness Robert Sparks (CAISO)

Commissioner Michel P. Florio

ALJ David R. Gamson

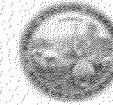
CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES

CEERT CROSS-EXAMINATION EXHIBIT

**California Independent System Operator (CAISO)
Exhibit CAISO-1; Witness: Robert Sparks**

**Southern California Reliability Preliminary Plan Presentation
California Energy Commission Workshop (Docket 13-IEP-1D)
September 9, 2013
Slide 6**

**Rulemaking 12-03-014
Long Term Procurement Plans (LTPP) – Track 4**



**California Public Utilities
Commission**



California Energy Commission



California ISO
Shaping a Renewed Future

Southern California Reliability

Preliminary Plan

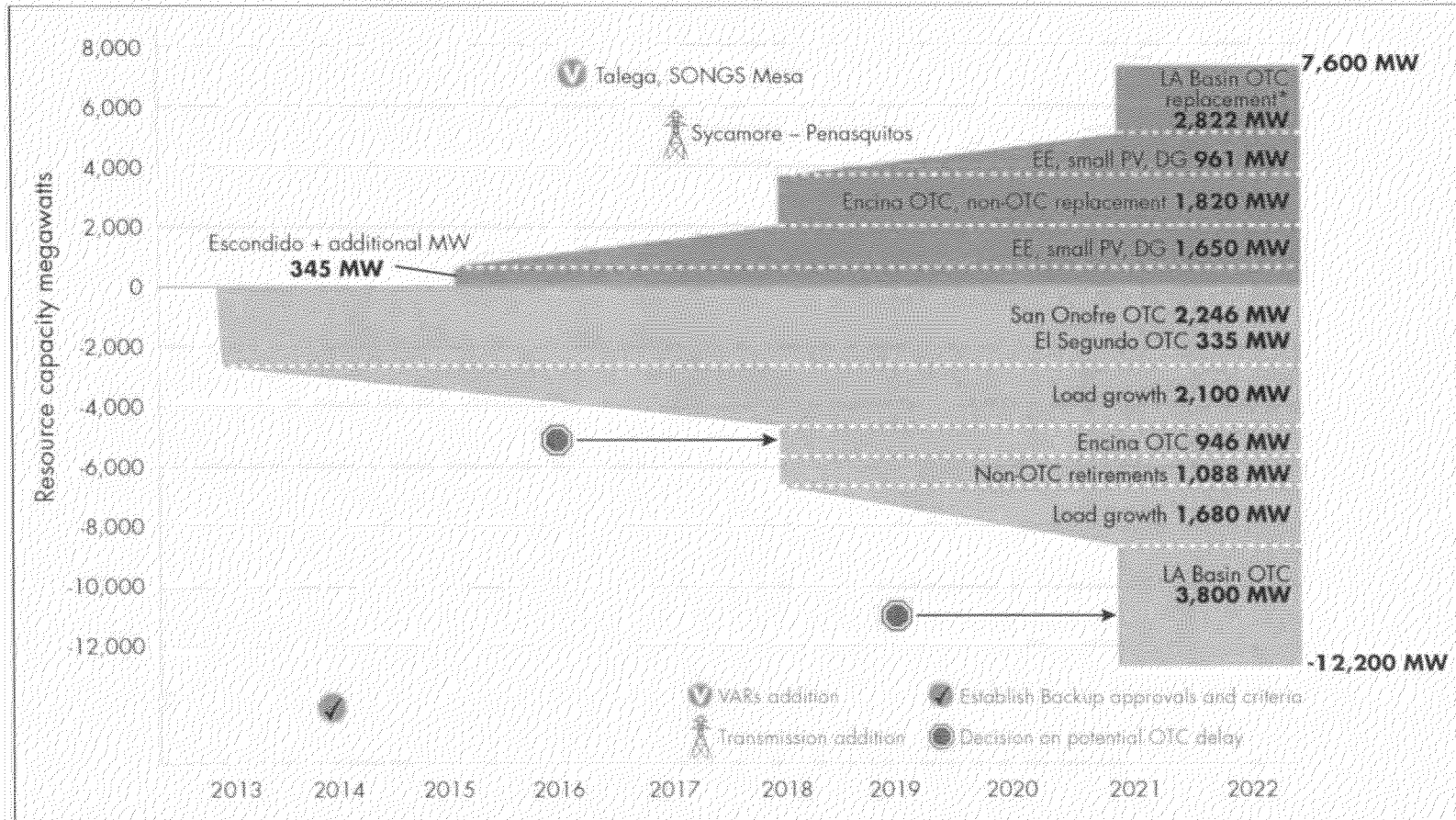
Edward Randolph, Energy Division Director, CPUC

Sylvia Bender, Deputy Director, CEC

Phil Pettingill, Director of State Regulatory Strategy, CAISO

September 9, 2013

Expected resource needs and potential solutions



Total load in LA Basin & San Diego:
 2018 = 27,500 MW
 2022 = 29,000 MW

- *1,800 MW authorized
- May include additional preferred resources
- Transmission could further reduce need