



# Substation Security



Denise Tyrrell  
Acting Director  
Safety & Enforcement Division





# Agenda

**Objective:** Provide an overview of SED's and other parties actions taken post Metcalf.

- Federal Energy Regulatory Commission (FERC):
  - Direction to NERC
- North American Electric Reliability Corporation (NERC):
  - Actions
- SED: Actions
- SED: Future Actions





## Overview of FERC Activities

- March 7, 2014 – Directed NERC to submit standards on security in 90 days
- FERC Docket Number: RD14-6-000
- FERC wants the standard to require at least:
  - Risk assessment of facilities to determine criticality
  - Evaluation of potential threats and vulnerabilities
  - Development and implementation of a security plan





## Overview of NERC Activities

- Project 2014-04 Physical Security
- March 12 – 18: Requested Nominations for Drafting Panel
  - Both SCE and PG&E are on the drafting Committee
- March 21 – 28: Sent “Standards Authorization Request” for comments
- April 7 – 22: Sent draft Reliability Standard out for Comment





## Overview of SED Activities

- Constant communications with all major IOUs in California
- SED directed investor owned
  - “[E]xamine your company’s security programs and make any necessary changes to minimize the likelihood of a physical or cyber attack”
- Visited substations, including Martin Substation in San Francisco area to review upgrades to security
- SED staff has participated in numerous meetings
- Reviewing and drafting comments to SB699
- Drafting comments to NERC standard





## Overview of SED Future Activities

- Hold a two day workshop on security.
  - Waiting for NERC standard to get finalized.
  - Day 1: Will be open to the public and will include:
    - June 17, 2014
    - A briefing of Metcalf
    - Overview of the proposed FERC standards
    - Roundtable discussion
  - Day 2: Will be closed to the public
    - June 18, 2014
    - Due to confidential material being discussed
- Continue working with utilities on security
- Examine feasibility of one staff obtain security clearance

