

Southern California Edison



Highway 58 – Near Tehachapi



Windhub Substation - Tehachapi District

Agenda

- Southern California Edison Overview
- Electric Sector Role in Planning and Preparedness
- Public Private Partnerships
- Working Together During Emergencies

Overview of SCE

- 14 million people
- 180 incorporated cities
- 15 counties
- 125 years of reliable electric service
- One of the nation's largest IOU's
- 50,000 square miles of service area
- 5,000 large businesses
- 280,000 small businesses
- Leader in alternative/renewable energy
- Focus on employee/public safety



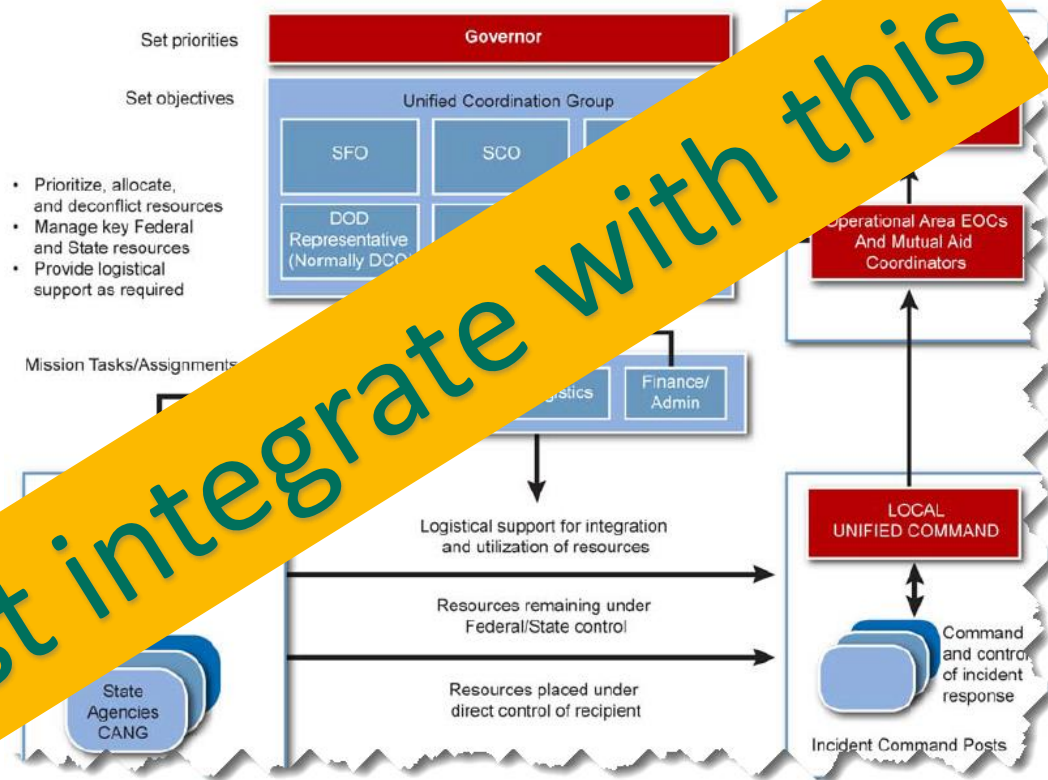
Electric Industry's Role

- **Electric industry has much in common with Federal, State & Local government entities**
 - Public health & safety concerns
 - Need for mutual aid
 - Need to seamlessly plug into response efforts
 - Utilities must understand the hazards in their service areas
- **Electric utility could be:**
 - Lead response agency
 - Cooperating agency – supporting public sector response/prep
- **Key points about Investor Owned Utilities**
 - Regulated by many entities
 - Not eligible for federal disaster relief funding/reimbursement/mitigation grants
 - Not (generally) required to adopt public sector response frameworks

Private Sector Business in a Public Sector World

Overview of SCE

- 14 million people
- 180 incorporated cities
- 15 counties
- 125 years of reliable electric service
- One of the nation's largest electric utilities
- 50,000 square miles of service area
- 5,000 large industrial customers
- 280,000 residential customers
- Less than 1% of the nation's population



This

Must integrate with this

Plan, Train, Practice and Respond Like Public Sector


Adopt Public Sector Planning & Preparedness Frameworks

Organize like the public sector

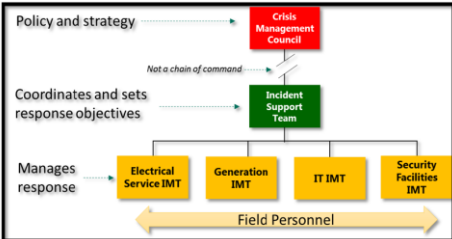
Train like the public sector

Practice like the public sector

The National Planning System Implemented



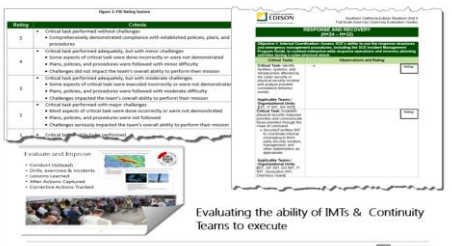
SCE Response Structure



Training Requirements

Level	Focus	Courses
Executives	<ul style="list-style-type: none"> Strategic level engagement Informs corporate-level policy Maintains operational continuity of non impacted OUs 	<ul style="list-style-type: none"> ICS Awareness Comms equipment
Command & General Staff	<ul style="list-style-type: none"> Core of emergency management Establishes operational incident objectives 	<ul style="list-style-type: none"> Full ICS curriculum Leadership training Comms equipment
Impacted Organizational Units	<ul style="list-style-type: none"> Ensures business continuity & disaster recovery Executes tactical response Field-level alignment 	<ul style="list-style-type: none"> Basic ICS

Drills & Exercises



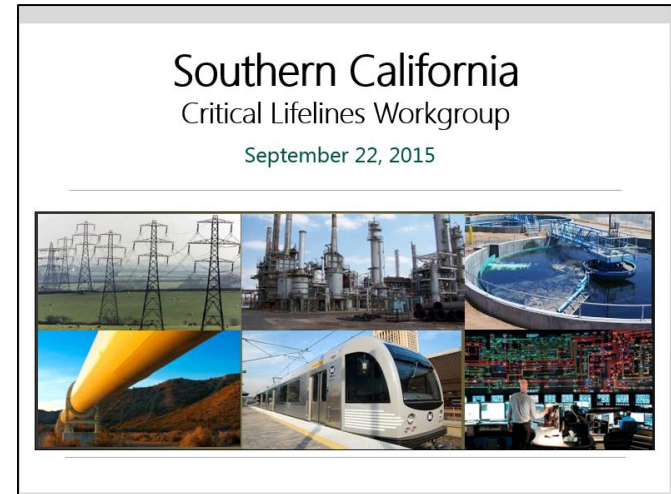
Respond and integrate with public sector emergency response entities

Or Go It Alone



Public & Private Partnership

- **Develop relationships before the emergency**
 - Figure out where your service provider fits in
 - Do they attend your drills...do they invite you to attend theirs?
 - Joint training
 - Build trust
- **Sharing plans**
 - Create forums for collaborative planning/mitigation efforts (Critical Lifelines)
- **Setting/managing expectations**
 - Understand your service provider's restoration priorities/limitations
 - Understand your service provider's needs/capabilities
 - Mutual Assistance Agreements etc.
- **Challenges**
 - Security
 - Trust
 - Funding
 - Approach to Emergency Management



Partnering - Mitigation Planning

Installed 12 MW of portable diesel generators

- consisting of six 2 MW generators
- connected at 66 kV via a 66/12 kV transformer bank



Partnering in Response

- **Public Safety Power Shutoff**

- Planning
- Sharing information (GIS etc.)
 - Enabling the State, County, Cities to understand potential impacts and plan
- Communicating – synchronizing communications in partnership with:
 - State
 - County
 - Elected Officials
- Create forum to share lessons learned after incident/event

Questions