Joint Lead Commissioner Workshop on Climate change and the Energy Sector
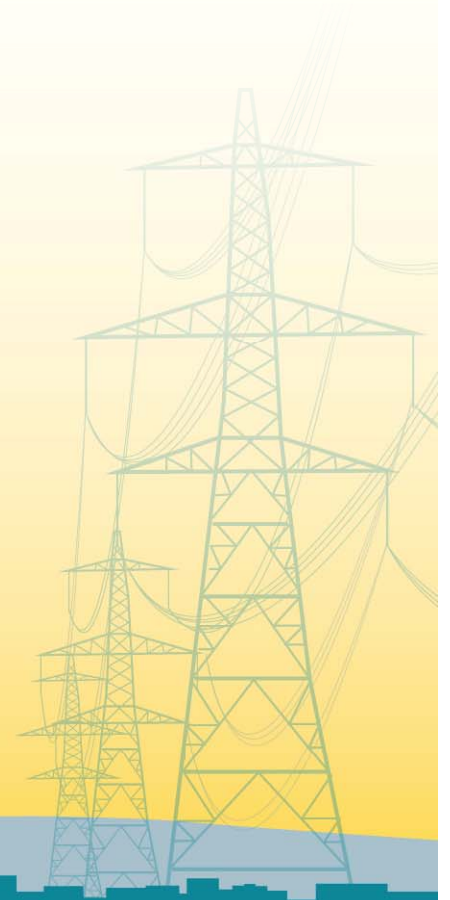
California Local
Energy Assurance Planning

June 4, 2013

California Energy Commission

Identifying projects/actions to ensure energy to "*key assets*" needed to provide/sustain local government essential services in response to and recovery of emergencies…..

- *Focus on effects from hazards; not hazards*
- *The Climate Change connection?*
  - *Extreme Weather Events (a type of hazards)*
    - *Wildfire*
    - *Severe Winds*
    - *Flooding*

CaLEAP Objective

✳ Demonstrate how to:
  – Prepare Energy Assurance Plans *or*
  – Incorporate energy assurance in other planning efforts

✳ Present new and evolving energy technologies

✳ Awareness of
  – Community Profile
  – Energy Profile
  – Hazards (Extreme Weather)
  – Dependencies/Interdependencies
  – Assets

✳ Building public and private partnerships

CaLEAP- *Methodology*

* Incorporating Energy
  - *Expanded Planning Team*
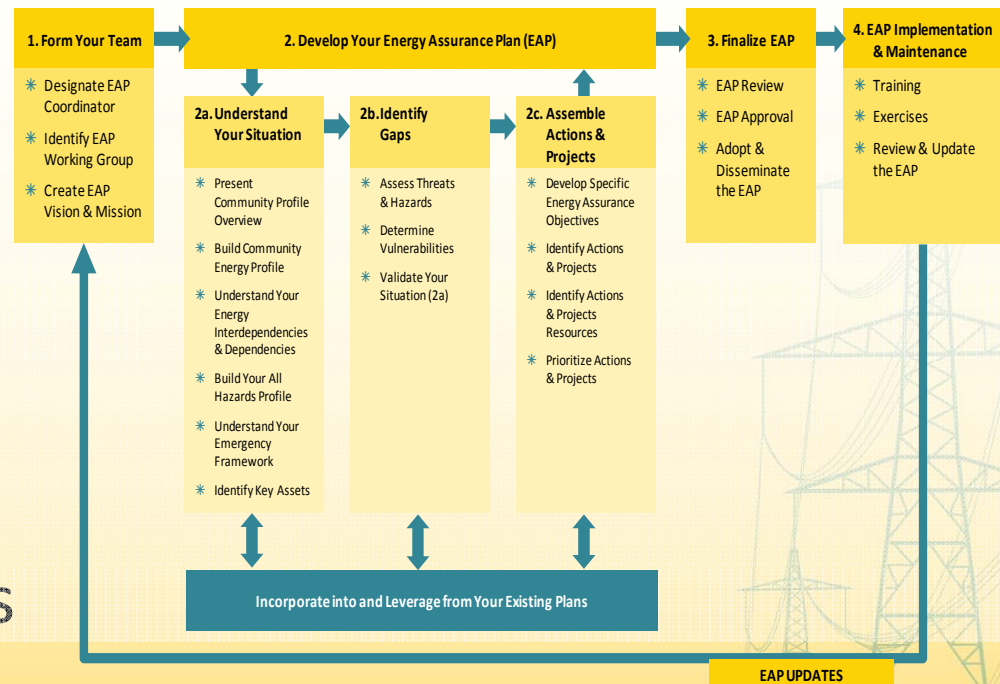 - *Energy consideration*
* Local Awareness
  - *Energy Profile*
  - *Hazards*
* Identify Key Assets
* Assess Vulnerabilities
* Identifying Solutions
  - *Actions/Projects*

1. Form Your Team
* Designate EAP Coordinator
* Identify EAP Working Group
* Create EAP Vision & Mission

2. Develop Your Energy Assurance Plan (EAP)

2a. Understand Your Situation
* Present Community Profile Overview
* Build Community Energy Profile
* Understand Your Energy Interdependencies & Dependencies
* Build Your All Hazards Profile
* Understand Your Emergency Framework
* Identify Key Assets

2b. Identify Gaps
* Assess Threats & Hazards
* Determine Vulnerabilities
* Validate Your Situation (2a)

2c. Assemble Actions & Projects
* Develop Specific Energy Assurance Objectives
* Identify Actions & Projects
* Identify Actions & Projects Resources
* Prioritize Actions & Projects

3. Finalize EAP
* EAP Review
* EAP Approval
* Adopt & Disseminate the EAP

4. EAP Implementation & Maintenance
* Training
* Exercises
* Review & Update the EAP

Incorporate into and Leverage from Your Existing Plans

EAP UPDATES

CaLEAP- *Planning Tool*

✳ Driven by:

– *Methodology*

– *Available on the web*

✳ Input from:

– *Advisory User Group*

– *Select Stakeholders*

– *Strategic Partners*

✳ Allows:

– *Start to finish production*

– *Select production, based on need*

– *Import/Export of Data*

– *Future expansion/enhancements*

CaLEAP- *Technical Support*

✳ Group and one-on-one meetings

– *In person and conference calls*

✳ Workshops

✳ Subject matter experts

– *Project Management/Planning*

– *Emergency Management*

– *Current and Evolving Energy Technologies*

– *Risk Assessment*

– *Quality Assurance/Quality Control*

✳ Help identify public-private partnerships

✳ LEAP document review

Project website

(*www.caleap.org*)

Current Status

✷ Forty-one (41) participating local governments and growing
- – Finding gaps in preconceived assumptions
- – Breaking down department/communication barriers
- – Lively discussions on key assets and key asset vulnerabilities

✷ Growing interest from other agencies and states

✷ Exploring funding sources to implement projects

Participating Local Governments

Counties

* Humboldt
* Marin
* San Bernardino
* San Luis Obispo
* San Francisco
* San Diego
* Sonoma

Cities

* Arcata
* Belvedere
* Berkeley
* Blue Lake
* Corte Madera
* Costa Mesa
* Eureka
* Fairfax
* Ferndale
* Firebaugh
* Fortuna
* Fresno

* Hayward
* Huntington Beach
* Laguna Woods
* Lancaster
* Larkspur
* Mill Valley
* Novato
* Oakland
* Palo Alto
* Rancho Cucamonga
* Rio Dell
* Ross

* Sacramento
* San Anselmo
* San Joaquin
* San Rafael
* Santa Clarita
* Sausalito
* Stockton
* Taft
* Tiburon
* Trinidad

Contacts

✷ **David Michel, CEC-** *Contract Manager*

   david.michel@energy.ca.gov

   (916) 651-3747

✷ **Andy Petrow, ICF-** *Project Manager*

   andrew.petrow@icfi.com

   (818) 294-5472