Emergency Preparedness and Citywide Integration

California Public Utilities Commission
June 26, 2018
LADWP Emergency Preparedness

- City Department
- Adhere to Federal, State, and local emergency management standards
  - Federal Emergency Management Agency
    - Comprehensive Planning Guidelines
    - National Incident Management System (NIMS)
  - California Office of Emergency Services
    - Standardized Emergency Management System (SEMS)
  - City of Los Angeles
    - Emergency Operations Organization
    - Utility Division

One City, One Voice, One Response
FEMA Comprehensive Planning Guidelines

Strategic
Policy objectives and overall guidance

Operational
Roles and responsibilities, tasks, integration, and actions

Tactical
Personnel, equipment, and resource management
Strategic

- The **Emergency Operations Organization (EOO)**
  - Authorized by Admin Code, Div. 8, Ch. 3, Article 6 and 8 - centralizes direction and control of emergencies through:
    
    *Preparation, Response, Recovery*

  - **Guided by the City of L.A. Emergency Management Department**

  - **During Disaster** - the Mayor, as the Director of the EOO
    
    - delegates powers and duties to the **Emergency Operations Board (EOB)** which consists of GM’s from 15 city operating departments
    
    - Oversees the Emergency Operations Center and Divisions
    
    - provides strategic guidance for policy issues
Operational / Tactical

• **Emergency Plans** - Per Mayoral Directive and Admin Code:
  – Emergency management components
  – All hazard approach provides for flexibility and adaptability
  – Hazard mitigation measures
  – Employee Responsibilities during and after hours
  – Command and Management functions
  – Recovery functions

• **Division Plans**
  – Critical personnel, equipment, facilities, supplies, and other resources
  – Prioritizes critical functions and objectives; facilities; and resources
  – Alternate work locations
  – Guidelines for situation reports
  – Training requirements (NIMS/SEMS, ICS, EOC, Safety)
Operational/ Tactical

• **Emergency Plans** (Cont.)
  – **Continuity of Operations Plan (COOP)**
    • Essential Functions (EFs) that are required to be performed by statute, executive order, or City policy
    • functions to be performed within:
      – 24 hours
      – 1 week
      – 1 month
    • critical resources and internal/external dependencies
    • critical applications that support EF’s
Preparedness

• Command Centers/Department Operations Centers (DOCs)
  – Water Emergency Command Center (WECC)
  – Power Emergency Command Center (EmCC)
  – Standing objectives to protect life, property and the environment
• Response Teams within Water and Power Divisions
• Multiple reporting locations
• City’s Emergency Operations Center (EOC) readiness
• LADWP’s Office of Emergency Management
Preparedness

• Routine communication exercises
• Table Top and Functional Exercises
  – Brushfire, Earthquake, El-Nino, Tsunami, Damage Assessment Team, Grid-Ex
  – Command and Management activation activities
  – Annual Citywide EOC Exercise
  – Partner Utility/Association Exercises
• Continuous training
• Inventory of emergency response materials
• Use Incident Command System and perform After Action Reports to document lessons learned
Response Resources

- All employees are Disaster Service Workers (DSW)
- Mobile Emergency Response Posts
- Mobile Water Quality Lab/Mobile Electric Trouble Dispatch Vehicle
- Tiered response levels
- Mutual Assistance Agreements
- Adverse weather conference calls
Mutual Assistance Partnerships

**Power System**
- American Public Power Assoc.
- California Utilities Emergency Assoc. (CUEA)
- Southern California Public Power Assoc.
- Western Energy Institute-Western-Region Mutual Aid Group (WRMAG)

**Water System**
- California Utilities Emergency Assoc. (CUEA)
- California Water/Wastewater Agency Response Network (CalWARN)
- California Mutual Aid Laboratory Network (CAMAL Net)
- LADWP/East Bay Municipal Utilities District/Las Vegas Valley Water District
- Member Agency Response System with the Metropolitan Water District (MWD)
Outreach and Engagement

- **EOO**
  - Emergency Preparedness Fairs and Community Events
  - Citywide Exercises
  - Subcommittee participation
  - Local Hazard Mitigation Planning
  - Training

- **Interagency**
  - County Emergency Medical Services
  - EOO Community Outreach
  - Critical Lifelines Committee
  - Responders Organized for Pass Emergencies (ROPE)

- **Partner Utilities**
  - CUEA
  - Western Region Mutual Aid Group
  - American Public Power Association
  - Metropolitan Water District Resiliency Group
  - East Bay Municipal Utility District/Las Vegas Valley Water District
33 Die, Many Hurt in 6.6 Quake
L.A. Area Freeways Buckle, Buildings Topple
Citywide Response

- **Public Safety Officials**
  - Life Safety Objectives
  - Unified Command
  - Windshield Surveys
  - Messaging

- **City Emergency Operations Organization (EEOO)**
  - 15 City departments
  - Advise the Mayor on policy issues
  - Status updates

- **City Emergency Operations Center**
  - Communications with City departments, County, and State
LADWP Response

• **Immediate Response**
  – Damage Assessment
    • Windshield Surveys
    • Information Sharing/Gathering
  – Field Command
    • Incident Stabilization
  – Disaster Service Workers

• **Communication**
  – Notifications
    • Internal/External
  – Initial observations
  – 900 MHz Radios
  – Satellite phones
LADWP Response

- Departments Operations Centers
  - EmCC and WECC
    - Key Managers
    - Organized response
    - Use of Incident Command
    - Incident Action Planning
    - Information Management
    - Documentation
    - Alternate locations

- Mobile Command Centers
  - Emergency Command Post Vehicle
  - Electric Trouble Dispatch Wagon
  - Mobile Water Quality Lab
  - Water Mobile Emergency Response Post
LADWP Response

• **Crisis Management Team**
  – Led by the General Manager
  – Executive level policy group
  – Strategic decisions

• **Board of Commissioners**
  – Attend emergency Board Meeting(s)
  – Emergency authorization of contracts and agreements necessary for the response and recovery effort
LADWP Recovery

- Maintain Core Services
- Debrief
- After Action Reporting
  - Best practices
    - Strengths
  - Lessons Learned
    - Gaps and weaknesses
    - Improvement Planning
- Plan for the new landscape
- Prepare for Federal and State Public Assistance
- Streamline rebuilding process where possible
- Support Local Assistance Centers