PUBLIC ENERGY POLICY PROGRAM

RESPONSE PLAYBOOK

ESF 12 Response Booklet
Booklet designed for practice purposes, adapted from Puerto Rico’s Energy Assurance Plan playbook.

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This booklet covers the initial response under the Emergency Operational

- Phase 2 actions for Emergency Support Function #12 (Energy).

- Timeframe: first 14 days of the event.

- Focuses on action items to create a punch list of missions for each “play”.

- Supports Joint Operational Catastrophic Incident Plan (JOCIP) from Puerto Rico Emergency Management Bureau (PREMB) developed by localities, tribes, government and federal agencies.

- Presents actions in a streamlined, easy-to-navigate document.
PLAY 1:

EVENT + 60 MINUTES
SUB PHASE 2A

Government Objectives:
- Develop initial notifications.
- Active Emergency Response System under JOCIP.

ESF 12 Actions:
- Establish and maintain communications with energy suppliers (natural gas, petroleum and electricity).
- Assess staffing and capabilities of organization.
- Ensure availability of personal protective equipment during the operations.
- Impose curfew from 6 p.m. to 6 a.m. for all civilians not related to the emergency.
PLAY 2:

EVENT + 6 HOURS

Government Objectives:
• Assess responders and coordinators safety.
• Initiate emergency declarations.
• Determine lines of succession and authorities.
• Save lives and protect public safety.
• Provide lifesaving medical care and patient transport.
• Disseminate public information and order evacuations.

ESF 12 Actions:
☐ Establish and maintain communications with energy suppliers (natural gas, petroleum, and electricity).

☐ Provide clear communication of suppliers access to critical infrastructure damages.
PLAY 3: EVENT + 12 HOURS

Government Objectives:
• Establish emergency communications.
• Establish Joint Information Center (JIC) operations.
• Coordinate actions to meet energy requirements.

ESF 12 Actions:
☐ Collect and provide information on percentage of state population with and without electric and gas services.

☐ Coordinate and assess impact to energy infrastructure and suppliers, estimating repair timelines and population impacted.

☐ Determine fuel availability and backup capabilities at system level.

☐ Support mass care operations’ power generation status and needs.

☐ Coordinate with all ESFs to assess backup power generation, fuel needs and capabilities.
PLAY 4: EVENT + 24 HOURS

Government Objectives:
• Establish contact with impacted areas and Emergency Operations Centers (EOCs).
• Gain situational awareness and determine public health threats.
• Establish and support mass care operations.
• Provide transportation, equipment and services to support access and functional needs populations.
• Provide medical care at designated locations.
• Establish and maintain mass feeding operations.
• Provide resources for sheltering and care of animals.

ESF 12 Actions:
☐ Coordinate the allocation of fuel to support mass care operations.

☐ Identify power generation status/needs of mass care operations.

☐ Assess and provide power generation equipment and fuel to mass care operations.
EVENT + 48 HOURS

Government Objectives:
• Identify needs and prioritize and initiate resource support for local, tribal and Non-Governmental Organization (NGO) partners.
• Establish and manage state staging areas.
• Locate and receive supplies, equipment, services, technical specialists and facilities.
• Distribute food, and potable water to points of distribution and local staging areas.
• Initiate emergency contracts.
• Assess lifeline routes.

ESF 12 Actions:
☐ Support debris removal activities to support lifesaving operation.

☐ Determine fuel availability and backup capabilities at system levels.

☐ Coordinate the allocation of fuel to support mass care operation.

☐ Coordinate transportation and distribution of propane and Liquefied Natural Gas (LNG).

☐ Identify equipment and personnel needs and support capabilities.

☐ Monitor and continue to assess energy supplies and infrastructure.

☐ Track power outages and restoration activities and report information to ESF 5.

☐ Participate in the Temporary Power Task Force to prioritize generator installations for facilities that need emergency power.
PLAY 6: EVENT + 72 HOURS

Government Objectives:
• Assess damages to impacted areas across all sectors.
• Transport displaced individuals to shelters.
• Provide transportation, equipment, and services to support access and functional needs populations.
• Clear debris and restore access to lifeline roadways and critical infrastructure.
• Identify critical infrastructure outages and impacts.
• Prioritize emergency response and infrastructure repairs based on interdependencies and consequences.
• Forecast and develop plans for evolving threats and consequences.
• Identify future needs and forecast shortfalls to develop contingency plans.
• Plan for fatality management operations.
• Provide subject matter expertise and participate in planning and response activities.

ESF 12 Actions:
• Monitor and continue to assess energy supplies and infrastructures.
• Provide analysis of the extent and duration of energy suppliers’ outages and prioritize essential service needs.
• Track power outages and restoration activities and report info to ESF 5.
• Prioritize systems and infrastructure and identify requirements for repair and restoration.
• Coordinate with energy suppliers to distribute information updates.
• Track and analyze power and fuel issues and determine priority solutions.
• Identify needs, resource shortfalls and develop contingency plans.
• Coordinate with energy suppliers and resources outside the impacted areas to support both tactical and permanent repairs.
• Analyze the extent and duration of fuel shortage and prioritize needs.
PLAY 7: EVENT + 7 DAYS

Government Objectives:
• Mobilize heavy equipment and personnel.
• Prioritize repair of critical infrastructure systems and assets (potable water, wastewater, energy, and telecommunications).

ESF 12 Actions:
☐ Coordinate the assessment, repair and reestablishment of energy systems needed to support critical facilities and essential services.

☐ Engage in energy infrastructure and system restoration.

☐ Participate in the Temporary Power Task Force to prioritize generator installations for facilities that need emergency power.

☐ Coordinate the identification and mobilization of heavy equipment and personnel needed for energy supplier repairs.

☐ Establish new temporary sites for fuel distribution to support emergency repairs to critical infrastructure.
PLAY 8: EVENT + 10 DAYS

Government Objectives:
- Receive and coordinate logistics support for out-of-state resources.
- Expedite and facilitate utility repair crews from other regions.
- Receive and deploy volunteers and donated goods and services.
- Track federal and international activation levels and deployment of federal and international assets and humanitarian aid.
- Initiate operational transition from playbook to situational informed operations.

Government Objectives:
☐ Support, coordinate and monitor the mobilization and demobilization of mutual aid responders.

☐ Report outcomes from federal damage assessments and the effect on regional and national energy systems.

☐ Work with energy suppliers to determine and provide ongoing updates to the status of their facilities, equipment, and systems; immediate needs; and capabilities to assess damage.

☐ Support debris removal activities for initial lifesaving operations. This includes electric utility operations support addressing downed lines, and fuel to support emergency equipment and vehicles.

☐ Work with electric and natural gas utilities to determine ability for immediate service restoration.

☐ Work with electric and natural gas utilities to provide ongoing updates on estimated population impacted.
PLAY 9: EVENT + 2 WEEKS

Government Objectives:
- Identify regional and statewide priorities for restoration of community services, human services and critical infrastructure.

ESF 12 Actions:
- Implement and manage statewide fuel allocation program, establish fuel points of distribution and initiate fuel delivery.

- Monitor and coordinate power, natural gas, and fuel restoration for recovery efforts.

- Determine initial in-state fuel availability for pre-designated priority fuel users.

- Coordinate the allocation of fuel to support mass care operations.

- Work with energy suppliers to determine their ability to implement priorities for repairs and restoration as established by Governor.

- Work with U.S. Department of Energy (DOE) to identify cascading impacts of regional damages.
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