



# Resiliency Compliance Plan: Coal Mining

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# Presentation Outline

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I

Energy Resiliency Policy

II

Resiliency Compliance Plan (RCP)

III

Energy Resiliency Initiatives





# Energy Resiliency Policy

## Department Circular No. (DC2018-01-0001)

### Adoption of Energy Resiliency in the Planning And Programming of the Energy Sector to Mitigate Potential Impacts of Disasters

**Signed by DOE Secretary:** 01/17/2018

**Published at:** The Manila Times and The Philippine Star

**Date Published:** 01/27/2018

- **Legal Basis:**
  - Republic Act 7638 or the Department of Energy Act of 1992 and
  - Republic Act 10121 or the Philippine Disaster Risk Reduction and Management Act of 2010
- Promote planning and investment on energy resiliency to ensure nation's energy infrastructure continues to deliver while anticipating and reducing vulnerabilities



CATEGORIES	Project Name	Project Description	Project Benefit	Project Start Date	Project Completion Date	Total Project Cost	Status (P, OG, PL, C)*	Yearly Disbursement			
								2017	2018	2019	2020 and Beyond
<b>STRENGTHENING INFRASTRUCTURE</b>											
<b>SYSTEMS</b> ➤ Persons ➤ Facilities ➤ Standard Operating Procedures (SOPs) ➤ Product / Content											
<b>STOCKPILING</b> ➤ Inventory											
<b>RESPONSE &amp; RECOVERY</b> ➤ Pre ➤ During ➤ Post											
Others											

# RESILIENCY COMPLIANCE PLAN TEMPLATE



# CATEGORIES IN THE RESILIENCY COMPLIANCE PLAN



Strengthening  
Infrastructure

Structural measures are any physical construction to reduce or avoid possible impacts of hazards, or the application of engineering techniques or technology to achieve hazard resistance and resilience in structures or systems.



# STRENGTHENING INFRASTRUCTURE

(SAMPLE ACTIVITIES)



# STRENGTHENING INFRASTRUCTURE

## SECTOR SPECIFIC EXAMPLES

*\*Note: Respective Bureaus/Units should put sector specific examples in this slide. Ex. EPIMB – can be further categorized into power generation, transmission, and distribution*

*Power Generation*

*Transmission*

*Distribution*

- *ECs*
- *Private DUs*



# CATEGORIES IN THE RESILIENCY COMPLIANCE PLAN



Strengthening  
Infrastructure



Systems



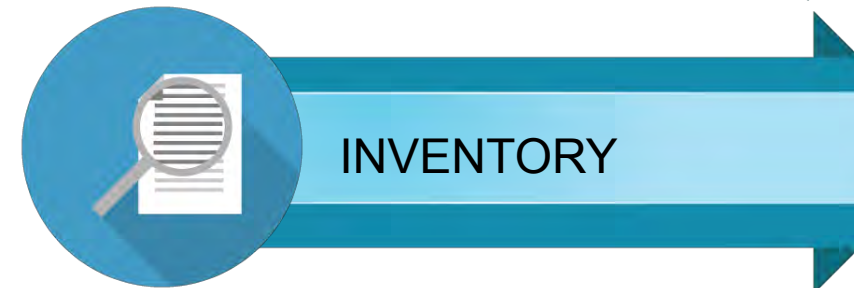
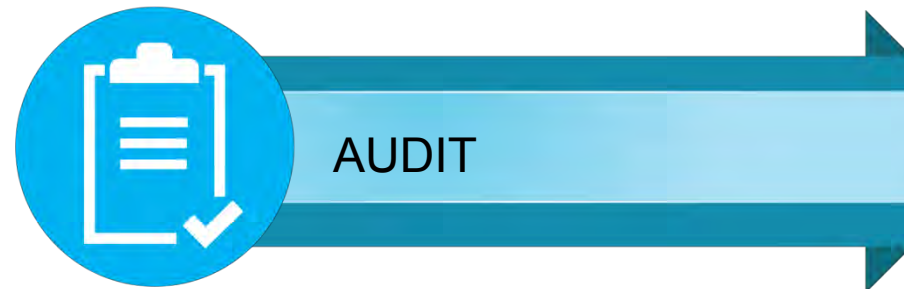
Refer to administrative directives, organizations, operational skills and capacities, policies, guidelines, plans to implement strategies and improved coping capacities to lessen the adverse impacts of hazards





# SYSTEMS

(SAMPLE ACTIVITIES)



# SYSTEMS

## SECTOR SPECIFIC EXAMPLES

1. Conduct of Risk Assessment to determine potential impacts of disaster (such as typhoons, occurrence of fire, earthquakes, landslide) and measures to minimize impacts.
2. Establishment of capacity development and enhancement program for personnel.



# CATEGORIES IN THE RESILIENCY COMPLIANCE PLAN



Strengthening

Refers to the disaster mitigation process of identification and procuring essential inventory items beforehand



Stockpiling



Response and  
recovery



# STOCKPILING

(SAMPLE ACTIVITIES)



# STOCKPILING

## SECTOR SPECIFIC EXAMPLES



# CATEGORIES IN THE RESILIENCY COMPLIANCE PLAN

“Response” – refers to the provision of emergency services and public assistance during or immediately after a disaster

“Recovery” – refers to the restoration and improvement where appropriate, of facilities, livelihood and living conditions of disaster-affected communities, including efforts to reduce disaster risk factors, in accordance with the principles of "Build Back Better"



Response and  
recovery





# **Response and recovery**

(Sample Activities)

**CONTINGENCY PLANNING**

**BUSINESS CONTINUITY PLANNING**

**RESPONSE PROTOCOLS**

**EMERGENCY PLANS**

**REHABILITATION PLAN**

**CAPACITY BUILDING ACTIVITIES (DRILLS, EXERCISES)**



# RESPONSE AND RECOVERY

## SECTOR SPECIFIC EXAMPLES

1. Development of Emergency Response Plan (as an integral part of Health and Safety Management Plan)
  - a. Conduct of regular emergency drills and exercises
2. Development of Business Continuity Plan





# ENERGY RESILIENCY INITIATIVES

*(\*Note: per sector, Ex. Contingency Plan)*

1. ERDB initiative in revising the Coal Mine Safety Rules and Regulations to include the preparation of an emergency response plan for reasonably foreseeable industrial and natural disaster.





# Thank You!



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