



USAID CLEAN POWER ASIA

Climate and Non-Climate Vulnerabilities of the Lao PDR Power Sector

Vulnerability Assessment Overview

Engaging Stakeholders in Assessing Vulnerabilities
in the Lao PDR Power Sector

August 21-23, 2018

Crowne Plaza Hotel, Vientiane

Vulnerability Assessment (VA) and Resilience Planning Process

- USAID Clean Power Asia and the National Renewable Energy Laboratory (NREL) are assessing the Lao PDR power sector's vulnerabilities to climate and non-climate hazards
 - VA approach involves extensive stakeholder engagement
 - VA Advisory Group identified priority vulnerabilities and discussed the appropriate scope for the VA
 - Power sector staff will conduct VA with VA team during this workshop
- USAID Clean Power Asia and NREL will engage stakeholders again to develop a resilience action plan

VA Stakeholder Workshop Goal and Objectives

- Workshop Goal
 - Engage power sector stakeholders in identifying and assessing the sector's vulnerabilities to current and projected climate and non-climate hazards.
- Workshop Objectives
 - Identify and discuss power sector vulnerabilities associated with current and projected climate and non-climate hazards.
 - Discuss participants' experiences with past climate and non-climate hazards and how these hazards affected the power sector activities that they manage.
 - Discuss participants' perceptions of projected hazards and how these hazards could affect the power sector activities that they manage.
 - Assess, evaluate, and prioritize the most important vulnerabilities.

Workshop Day I Objectives

- Review and discuss climate hazards, non-climate natural hazards, and technological and human-caused hazards to the power sector
- Identify and describe vulnerabilities associated with each type of hazard
- Identify the most important vulnerabilities
- Develop and finalize a list of vulnerabilities to include in the VA

Group Activity Instructions: Identifying and describing potential vulnerabilities

- In small groups, participants will discuss and record in detail the vulnerabilities associated with each hazard
 - Groups will write down their experiences with each hazard and describe what happens when the hazard impacts the power sector
 - Groups will rotate around the stations until they have discussed each hazard
 - Groups can comment on and add to notes that previous groups have made, and also add new ideas
 - Facilitators will notify groups when it is time to move to the next station

Next Steps – VA Workshop Day 2 Objectives

- Discuss and verify links between hazards and vulnerabilities
- Score vulnerabilities according to their magnitude of consequence
- Reach consensus on consequence scores to prepare for Day 3 activities

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