Name of Program – Building Resilience in Power Sector
Date – 29th – 30th July 2024
Venue – Seminar Hall, GIDM, B/h PDEU, Raysan, Gandhinagar

Schedule of Programme

The tentative schedule of the proposed capacity building programme is mentioned below:

Day – 1: 29th July 2024			
Time	**Session**	**Session Details/ Objectives**	**Resource**
8.30-9.30	**Breakfast**		
9.30-10.00	**Registration**	• Online registration of participants • Training kit distribution • Facility briefing • Safety briefing	**GIDM**
10.00 – 10.30	**Pre-Test & Introduction of Participants**	• 15 Question online Test on DRR • Establishment of Ground rules • Introduction of participants	**GIDM**
10.30-10.45	**About GIDM**	At the end of the session participants would be able to understand: • History & Establishment of GIDM • Governance mechanism • Core areas of GIDM • Programs and Achievements	**GIDM**
10.45-11.00	**Tea break**		
10.45-11.45	**Basic of Disaster Risk Management**	At the end of the session participants would be able to understand: • Understanding 'Disaster Risk' through Hazards, Exposure, Vulnerability and Capacity components • Policy & Governance in DRM • Key principles of Disaster Risk Reduction (DRR) • Emerging trends in disaster management and infrastructure resilience	**GIDM**
11.45-12.00	**Tea break**		
12.00–13.00	**Understanding on Creating Resilient Power Systems**	At the end of the session participants would be able to understand: • Resilient Infrastructure-Concepts & trends • Identifying potential hazards and risks to power infrastructure • Assessing vulnerabilities in existing infrastructure • National & international policies promoting resilient power systems	**CDRI**
13.00-14.00	**Lunch break**		

14.00-15.30	**Strengthening Resilience in Power Facilities**	At the end of the session participants would be able to understand: • Effect of hazards on power generation facilities • Risk and Vulnerability assessment of critical assets • Hazard resistant and climate adaptive design of power stations for building resilience • Safe operation & maintenance of power stations • Case studies and good practices in resilient power generation facilities	**L&T-Sargent & Lundy Limited**
15.30-15.45	**Tea break**		
15.45-16.45	**Case study: Issues & challenges to Power Sector during Cyclone Biporjoy**	At the end of the session participants would be able to understand: • Overview of Cyclone Biporjoy • Preparedness measures taken by PGVCL • Response of PGVCL during Cyclone Biporjoy • Good practices undertaken by PGVCL	**PGVCL**
16.45-17.45	**Fire Safety Hands on Exercise**	At the end of the session participants would be able to understand: • Types of Fire • Procedure to use fire extinguisher • Fire risk assessment • Hands on use of fire extinguisher	**Shri. SM Sheikh, Instructor, GSFA**
Day -2: 30th July 2024			
9.00-10.00	**Breakfast**		
10.00-11.00	**Regulatory strategies for Enhancing Resilience in the power Sector: The case of Gujarat Electricity Regulatory Commission (GERC)**	At the end of the session participants would be able to understand: • Introduction to GERC and regulatory framework • Tariff structures and Incentives for Resilient Infrastructure • Regulatory approaches to Disaster preparedness and Response • Impact of GERC's policies on public policy formulation in energy resilience	**Shri Anand Kumar, Professor of Practice, IIT-Gandhinagar**
11.00-11.15	**Tea break**		
11.15-12.15	**Case study: Issues & challenges to Power Sector**	At the end of the session participants would be able to understand: • Overview of Banaskantha Floods • Preparedness measures taken by	**UGVCL**

	during Banaskantha Floods 2017	UGVCL • Response of UGVCL during Banaskantha Floods • Good practices undertaken by UGVCL	
12.15.13.15	**Resilient Power Pathways for sustainable future**	At the end of the session participants would be able to understand: • Effect of hazards on transmission towers and lines • Planning & development of transmission line in vulnerable areas • Hazard resistant and climate adaptive design of transmission towers • Operation & maintenance of transmission lines	**TBD**
13.15-14.00	**LUNCH break**		
14.00-15.00	**Development of Disaster Risk Management Plan**	At the end of the session participants would be able to understand: • Importance & objectives of DRM for electricity utilities • Identification and assessment of risks specific to power infrastructure • Strategies to mitigate risks and vulnerabilities in power operations • Emergency response plans for power utilities • Integrating BCP with DRM strategies • Monitoring of DRM Plan	**GIDM**
15.00-15.15	**Tea break**		
15.15-16.45	**Group Activity- Developing Resilience Action Plans**	At the end of the session participants would be able to understand: • Participants work in groups to develop resilience action plans for hypothetical situation • Presentation of Action Plans	**GIDM**
16.45-17.00	**Valedictory Session**	• Post-test • Feedback • Certificate distribution	**GIDM**

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