



South Asia Regional Energy Partnership (SAREP)

Virtual Knowledge Sharing Session on Deviation Settlement Mechanism (DSM) and Reactive Power Management, November and December 2023

Indicative Agenda

Time (IST)/ Duration	Training Activity/ Topics	Purpose	Speaker/ Faculty (Indicative)	Event Registration Link
20 Nov 2023 14.00-14.10	Introduction	<ul style="list-style-type: none"> Welcome by Monali Zeya Hazra, Regional Energy Specialist, USAID Remarks by Ghanshyam Prasad, Chairperson, CEA Context, expectations setting and program overview by Pramod Thakur, SAREP 		Completed
20 Nov 2023 14.10-15.40 (1.5 hours)	Regulatory Framework of Deviation Settlement Mechanism (DSM)	Deviation Settlement Mechanism (DSM) regulation and updates <ul style="list-style-type: none"> Central Electricity Regulatory Commission (CERC): DSM and related matters Regulation, and amendments Design of DSM regulatory framework and its Implications DSM adoption/allocation in-country framework development related suggestions Questions and Answers (Q&A) 	Ravindra Kadam Sr.Advisor-RE, Central Electricity Regulatory Commission (CERC)	
21 Nov 2023 14.00-15.00 (1 hours)	Reactive Power Management	<ul style="list-style-type: none"> Reactive Power Management (regulatory requirements, calculations, responsibility of power system participants on Reactive Energy Management. Settlement of Reactive Power Experience sharing in DSM and allocation at inter regional level In-country Reactive Power management framework development related suggestions Q&A 	S. K. Pradhan, Deputy Director Eastern Regional Power Committee (ERPC)	
21 Nov 2023 15.00-15.30 (0.5 hours)	Metering and energy accounting systems	<ul style="list-style-type: none"> Preparedness required on metering infrastructure and energy accounting systems for DSM adoption and implementation Q&A 	Grid Controller of India	

22 Nov 2023 14.00-15.30 (1.5 hours)	Optimizing DSM and Reactive power (Operational aspects)	<ul style="list-style-type: none"> • Role of System Operator and Utilities for DSM and reactive power optimization • Evolution of DSM system for enhancing system reliability and grid operations • Methods and modes to optimize DSM • Methods and modes for voltage control and Ancillary Services. Roles and responsibility of power system participants. • Experience sharing on DSM, Voltage Control and Ancillary Services at inter-regional and intra-state level • Recommendations/suggestions for regional countries for optimization of DSM, Voltage Control and Ancillary Services • Q&A 	Neeraj Kumar, General Manager (Market Operations), NLDC Grid Controller of India	Completed
11 Dec 2023 10.30-11.30 (1 hours)	Experience sharing on intra-state DSM implementation and way forward	<ul style="list-style-type: none"> • Preparedness required for participating in market based systems • Sharing Indian experience on Scheduling, Accounting, Metering and Settlement of Transactions in electricity (SAMAST) • Intra-State level experience sharing on DSM & reactive power • Systems and tools used for DSM allocation and settlements • Way forward on implementation of In-country DSM systems • Q&A 	K.V.N. Pawan Kumar, Chief Manager, Grid Controller of India	Zoom Link (click on link)
11.30-12.30 (1 hours)	State level experience – Case studies	<ul style="list-style-type: none"> • Relevant case studies of SAMAST implementation from 1-2 states • Q&A 	Sriram Potluri, Director, PwC	
12.30-12.40	Conclusion	<ul style="list-style-type: none"> • Conclusion, Feedback, Vote of Thanks by Bhutan stakeholders 	USAID, SAREP and Bhutan Stakeholders	

SPOC for the event from USAID's SAREP:

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