



Views on SARPEX Mock Exercise-Bhutan





Outline

- Country Introduction
- Key Learnings
- Relevance of Mock Exercise
- Plan for dissemination of SARPEX Mock Exercise
- Way Forward/Suggestions



Country Introduction

- Land Area - 38394 Sqkm
- Forest Cover - 72 %
- Population (2013)- 757193
- Installed Capacity - 1606 MW (excluding Mini/Micro)- 5 % of Total Potential
- Hydro power under construction - 2940 MW
- Peak Demand - 344.02 MW



Key Learnings

- Preparation of bids for mock exercise
- Idea on market rules & regulations of SARPEX
- Introduction to day ahead market mechanism, Constrained & Unconstrained market Price & volume
- Introduction to prevailing power exchanges in India
- Modes of Operation of Pilot market (Residual & Unified modes)
- The stakeholder consultation helped in dissemination of SARPEX idea to the relevant sectors.



Relevance of Mock exercise

- Understanding of the power scenario of south Asian countries
- Preparing Bhutan for participating in the future regional power market
- Improving the generation schedule & load forecast to participate in the day ahead market
- Creation of internal energy settlement mechanism

Contd.

- Exchange in place would benefit all the neighboring countries (members).
- A platform for all the member countries to come at a level playing field.
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Plan for dissemination of SARPEX mock exercise

- Awareness on the idea of SARPEX mock exercise
- Explain the bidding procedure
- Present the mock exercise results
- Seek for advices & suggestions on the concept of SARPEX



Way Forward/Suggestions

- Bidding strategies
- Harmonization of Grid Codes, rules & regulations for SARPEX
- Role of the respective system operators
- More consistent Capacity Building (discussions, presentations etc..)
- DSM for SARPEX
- Duration - Capacity Building



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