



GMS Regional Power Trade Coordination Committee

Working Group for Planning and Operation

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Ha Noi, Viet Nam

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OVERVIEW

- Who are we? WGPG \Rightarrow WGPO ?
- When did we start & what did we achieve ?
- Where are we today?
- What are we going discuss here?

When did we start?

What did we achieve by 2018?

- Working Group for Performance Standards (**WGPG**) and Working Group for Regulatory Issues (**WGRI**) established – **2012**

- WGPG achieved assigned tasks:
 - ✓ **Task 1: GMS Common Performance Standards - June 2016**
 - ✓ **Task 2: Transmission Regulations – Dec 2017**
 - ✓ **Task 3: Standard Regional Metering Arrangements – June 2018**
 - ✓ **Task 4: GMS Regional Grid Code - December 2018**

- WGPG expanded to **WGPO** with 6 additional tasks – **Dec 2018**
WGPO = Working Group for Planning and Operation

Where are we today in 2019?

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- Compliance Assessment of the GMS Grid Code
- Strategizing Enforcement of GMS Grid Code
- Regional Master Plan
- Feasibility studies of short-term projects
 - ✓ Lao PDR-Myanmar Interconnection

What are we going to discuss ?

1. Results of the Compliance Assessment of the GMS Grid Code

- ✓ Institutional-legal gaps
- ✓ Regulatory gaps
- ✓ Technical gaps
- ✓ Pre-requisites for Third-Party Access
- ✓ Roadmap for bridging the gaps

2. Strategy in enforcement of GMS Grid Code

- Need for an Inter-Governmental MOU
- Need to Establish a Grid Code Management Body under RPCC
 - ✓ the GMS Grid Code Secretariat, and
 - ✓ the Grid Code Review Panel

3. Implementation Plan for next 3 years - WGPO

4. GMS Power Master Plan

- Study Commenced in 2017
- Interim Report – November 2019
- Presentation of interim results:
 - ✓ The study methodology;
 - ✓ Study Scenarios and Cost Benefits; and
 - ✓ The regional generation plan and transmission plan for the period from 2022 to 2035

5. Feasibility Study of Lao PDR – Myanmar Interconnection

A. Feasibility Studies of

- i. Tachileik- Kengtung in Myanmar line; and**
- ii. Tachileik -Kenglatt (Lao border) line to be commissioned in 2023**

A. Study high voltage transmission systems in Myanmar and Lao PDR with the objective of interconnecting the two power systems

B. Assess the technical gaps and recommend options to synchronize Myanmar Grid with Lao PDR and Thailand Grids.

Experts

1. Mr Michel Caubet, Former Electricity De France - Grid Codes
2. Mr Dharshana Muthumani and the Team, Manitoba Hydro International, Canada – Master Plan
3. Mr Philippe Lienhart, Electricity De France - Feasibility Studies

