

# Expert Working Group Meeting on Energy Connectivity

## THAILAND

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## Major Challenges in promoting Cross Border Electricity Connectivity

- National impediments to promotion of power trade: Differing national policies
- Electricity industry restructuring and evolution into a power market
  - Differing Electricity Supply Industry → Multilateral Power Trading is Challenging!
  - Unharmonized operational & regulatory framework or tariff structure
  - No common mechanism for power wheeling, pool rules, ensuring system reliability & security
- Financing
- Techno-Economic Feasibility – “Win-Win”
- Concrete coordination and dialogue, “Political Will”

## Concrete Examples and Good practices in addressing the challenges

- Thailand Power Development Plan: PDP (2015–2036) identifies energy resource by area in order to define purchase amount and the timeframe.
- The study of cross border electricity purchasing policy for promoting investments in SEZs in Thailand
- The 1<sup>st</sup> multilateral interconnection: Laos, Thailand, and Malaysia Power Integration Project (LTM-PIP).
  - The agreement (MOU signed on Sep 2016) allows *Malaysia* to purchase the power from *Laos*, transmitting through the transmission network of *Thailand*. And Energy

## Role of regional cooperation in addressing the challenges.

- National Energy Policy Council (NEPC) and the Sub-Committee on Electric Power Cooperation between Thailand and Neighboring Countries (S-ECTN) were appointed for examining the cross border power purchasing and giving the approval.
- “International Energy cooperation Center” was established by The Ministry of Energy aiming to build up knowledge and promote energy trade and investment. It provide sourcing and matching services to support investors. **”Business Matching”**
- “International Energy Strategy Plan(2017-2021)” was adopted to ensure that missions and activities on international cooperation of other departments are clear and compliance to Ministry’s strategy. **Towards “Action”.**

## What should be the main building blocks in developing the regional roadmap.

- Synchronize National Power Development Plan and optimize the generation of electricity

# THANK YOU

