

FEASIBILITY STUDIES – GMS INTERCONNECTIONS

Status

21 Mar 2019

Bangkok, Thailand

Outline

- Background
- Proposed projects
- Terms of reference
- Progress
- Next steps

Background

- TA8330-Reg “Harmonizing the GMS Power Systems to Facilitate Regional Power Trade”
- Electricity De France (EDF) was engaged to conduct feasibility assessments of short-term regional power projects
- Inception meeting – 6 September 2018 in Bangkok

Proposed Projects

From	To	Voltage	Length
Lao PDR	Myanmar	500 or 230 kV	150 km
Lao (BanHat)	Cambodia (Stung Treng)	500 kV	50 km
Lao PDR (?)	Thailand (?)	? kV	?
Lao PDR (?)	Viet Nam (?)	? kV	?

Terms of reference

- (i) Technical viability;
- (ii) Initial design;
- (iii) Economic and Financial viability;
- (iv) Preliminary environmental impacts;
- (v) Preliminary social and land acquisition requirements; and
- (vi) Ongoing power trade among the GMS, identify the barriers in technical and regulatory aspects, and recommend necessary developments to enable grid to grid operation.

Progress

Consultants and ADB met with EDL and MEM – 18 Mar 2019

- There is no decision on the locations of Lao - Viet Nam Interconnection
 - Exclude from the studies?
- There is no decision on the locations of Lao – Thailand Interconnection
 - Exclude from the studies?
- Lao - Cambodia interconnection
 - Clear scope to be confirmed with Lao and Cambodia
- Lao- Myanmar interconnection
 - Scope to be confirmed with Myanmar

Nest Steps

ADB to discuss with Lao, Myanmar and Cambodia of the scope and extent of studies

Thank You!