



# ASEAN Power Grid

by

**Mr.Kornphat Srisuping**

**System Planning Division**

**Electricity Generating Authority Of Thailand**

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**Electricity Generating Authority of Thailand**  
**Power for Thai Happiness**

# ASEAN Energy Cooperation

- + **AMEM:** ASEAN Ministers on Energy Meeting (once a year)
- + **SOME:** Senior Officials Meeting on Energy (once a year)
- + **ACE:** ASEAN Centre for Energy (accelerate the integration of energy strategies within ASEAN by providing information, technology and expertise)
- + **AFOC:** ASEAN Forum on Coal
- + **EE&C-SSN:** Energy Efficiency and Conservation Subsector Network
- + **NRSE-SSN:** New and Renewable Sources of Energy Subsector Network
- + **ASCOPE:** ASEAN Council on Petroleum
- + **HAPUA:** Heads of ASEAN Power Utilities/Authorities
- + **AERN:** ASEAN Energy Regulatory Network (TOR being prepared)

# HAPUA & AIMS Background

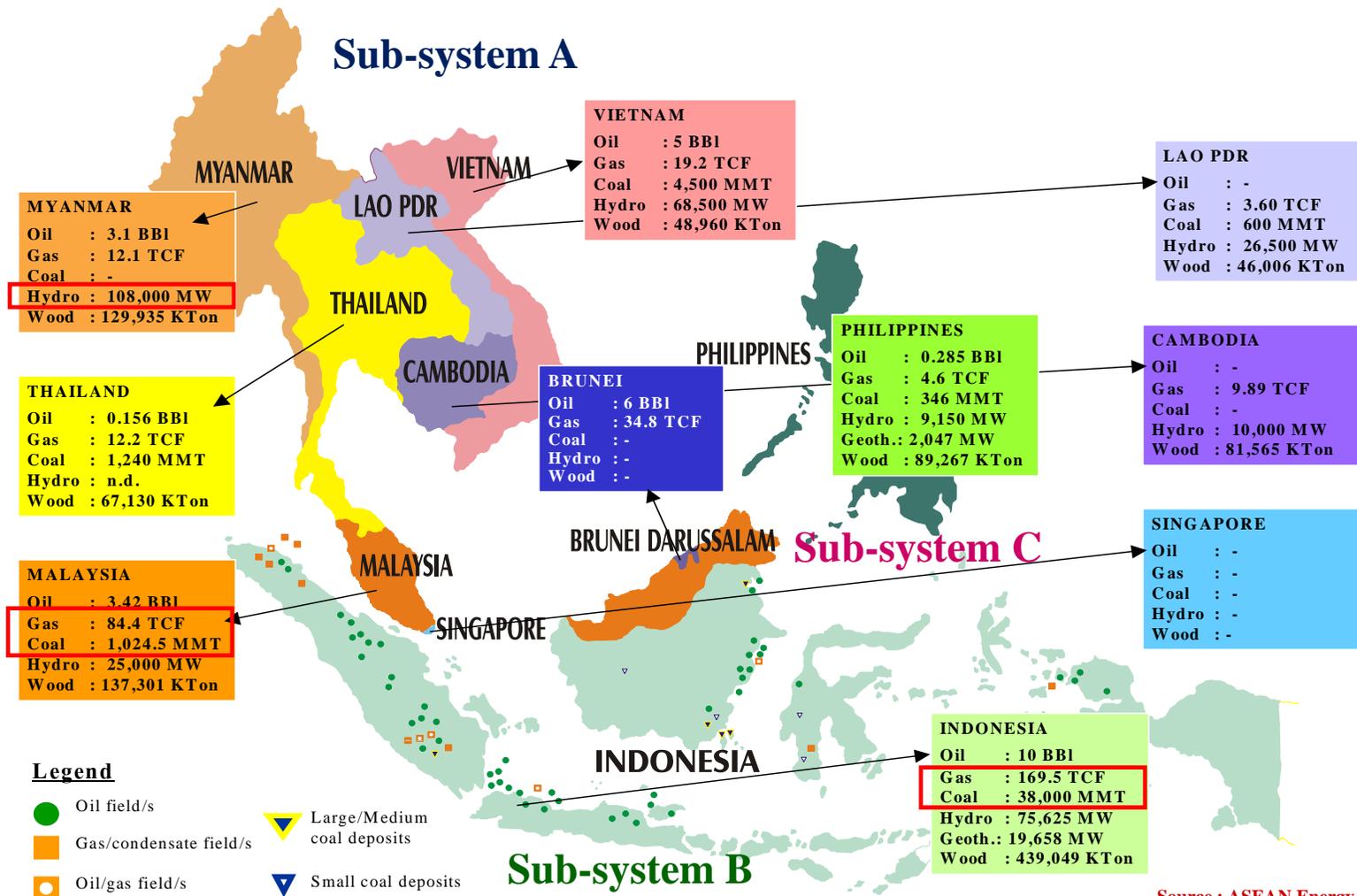
- Dec 1997** : Heads of ASEAN governments committed to jointly develop ASEAN Power Grid (APG) and Trans-ASEAN Gas Pipeline as a part of the ASEAN Vision 2020 [The 2<sup>nd</sup> ASEAN Informal Summit in Kuala Lumpur, Malaysia]
- Jul 1999** : HAPUA was assigned to materialized APG through ASEAN Interconnection Master Plan Study (AIMS) [The 17<sup>th</sup> AMEM in Bangkok, Thailand]
- Apr 2000** : AIMS Working Group was established [The 16<sup>th</sup> Meeting of HAPUA in Chiang Rai, Thailand]
- Jul 2003** : AIMS Final Report was endorsed [The 21<sup>st</sup> AMEM in Langkawi, Malaysia]
- May 2004** : HAPUA Structure was re-organized
- Feb 2006** : TOR and Work Plan of AIMS-II was adopted and the study started [The 1<sup>st</sup> Meeting of Power Interconnection Sub Working Group (PI SWG) in Krabi, Thailand]
- Jul 2011** : AIMS-II Final Report was endorsed [The 27<sup>th</sup> Meeting of HAPUA in Danang, Vietnam]
- Jun 2012** : HAPUA Structure was re-organized

# Objectives of ASEAN Power Grid (APG)

*“Not only technical and economic aspects,  
but also cooperation and good relationship among the member countries”*

- ✦ To create APG through interconnections among all ASEAN countries
- ✦ To promote more efficient, economic, and secure operation of power systems through harmonious development of national electricity networks in ASEAN by region-wide interconnections
- ✦ To optimize the use of energy resources in the region by sharing the benefits
- ✦ To reduce capital required for generation capacity expansion
- ✦ To share experiences among member countries
- ✦ To provide close power cooperation in the region
- ✦ To identify barriers to the implementation of APG

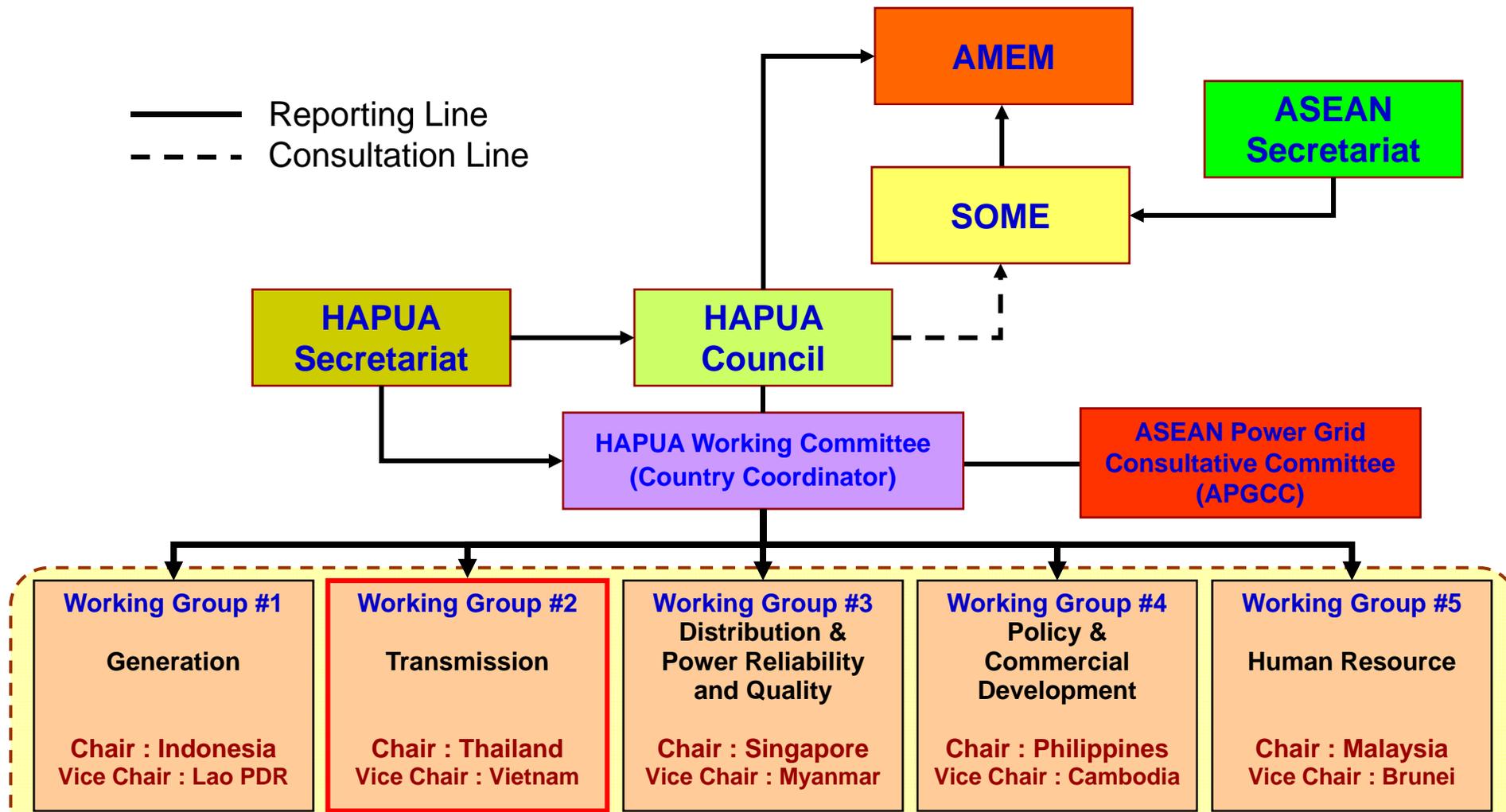
# ASEAN Potential Energy Resources



Source : ASEAN Energy Center

# Current HAPUA Structure

——— Reporting Line  
 - - - Consultation Line



Restructured due to the approval of the 15<sup>th</sup> Meeting of HAPUA Committee and endorsement of the 28<sup>th</sup> Meeting of HAPUA Council (6<sup>th</sup> June 2012).

# HAPUA Members



**Department of Electrical Services  
Brunei Darussalam**



**Electricité du Cambodge  
Kingdom of Cambodia**



**PT. PLN (Persero)  
Republic of Indonesia**



**Electricité du Laos  
Lao PDR**



**Tenaga Nasional Berhad  
Malaysia**



**Department of Electric Power of Myanmar  
Union of Myanmar**



**National Power Corporation  
Republic of the Philippines**



**Singapore Power LTD  
Republic of Singapore**



**Electricity Generating Authority of Thailand  
Kingdom of Thailand**



**Electricity of Vietnam  
Socialist Republic of Viet Nam**

# AIMS Concept

load shape among ASEAN countries

energy resources across ASEAN region  
(generation capacity/reserve capacity)

dependency on fuel imports from non-ASEAN  
countries

cost savings from interconnection

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_6833](https://www.yunbaogao.cn/report/index/report?reportId=5_6833)

