ABOUT

SCOPE

The objectives of this three-day workshop are:

- ❖ To facilitate closer rapport amongst the Grid System Operators in the region
- ❖ To trigger a potentially powerful collaboration that will foster future strategic alliances in areas of common interests.
- ❖ To share on technicality needs and to prepare grid for high RE penetration
- ❖ To share experience on major disturbances

DELIVERABLES

At the end of three-day session, we hope to achieve:

- ❖ A general understanding on each Power utility's Grid System operational philosophy and management.
- ❖ Identification of potential areas of collaboration and synergies in trainings, exchange programs, consultation and sharing of facilities.
- ❖ Charting the next steps towards developing an effective strategic alliance for ASEAN Grid System Operators.

WHO SHOULD ATTEND

It is expected that all ASEAN countries' power system operators will participate and contribute to this workshop, namely from Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam

This workshop is primarily designed for:

- ❖ Control Room Power System Operators/ Controllers
- ❖ Control Room Energy Management System (EMS)/SCADA personnel
- ❖ Short-term operation planners

DATE & VENUE

12-14 November 2019 at the Park Royal Penang, Malaysia.

PARTICIPATION & ACCOMODATION

There will be no fees for workshop participation.

Accommodations for participants at the hotel where workshop is being held or nearby hotels can be arranged upon request at participants cost.

PROGRAMME AT A GLANCE

12 NOVEMBER 2019

- **Speaker 1:** Variable Renewable Energy (VRE) Source Integration
- **Presentation Session 1:** Malaysia (TNB, SESB & SEB)
- **Presentation Session 2:** Brunei, Cambodia & Indonesia

13 NOVEMBER 2019

- **Presentation Session 3:** Laos, Myanmar & Philippines
  Presentation Session 4: Singapore, Thailand & Vietnam
- **Presentation Session 5:** Operation and Performance of H-Class Single Shaft CCGT
- **Grand Dinner**

14 NOVEMBER 2019

- **Speaker 2:** VRE Forecast Management
- **Speaker 3:** Wide Area Monitoring Protection and Control (WAMPAC)
- **Speaker 4:** VRE Integration into SCADA/EMS Architecture & Control

ASEAN OPERATORS WORKSHOP 2019
REGISTRATION FORM

PARTICIPANT DETAILS

NAME   :_____

COMPANY   :_____

ADDRESS   :_____

                  _____

                  _____

COUNTRY   :_____

POSITION   :_____

PHONE NO.   :_____

EMAIL   :_____

FLIGHT DETAILS

Airport transfer will be provided for Flight details received by 28 October 2019

ARRIVAL	Date	
	Flight No.	
	Estimated Time of Arrival	
DEPARTURE	Date	
	Flight No.	
	Estimated Time of Arrival	

Accompanying Person (if any): _____

HOTEL INFORMATION

Please indicate your preference in the table below and include a copy of your passport (photo page) to facilitate check-in. The Organizing Committee will send you the booking confirmation from the hotel. You may also do your booking through online.

	Hotels	Price
1	Parkroyal Penang Resort (Program venue)	RM443.00 (single/double)
2	Holiday Inn Resort Penang (Walking Distance – 500meters)	Please book online
3	Holiday Inn Penang Feringgi Tower(Walking Distance –200m)	Please book online

If you have any inquiry please contact Mr. Kennedy A/L Soloman (+6019-3348004/ kennedys@gso.org.my) OR Mr. Dharma (dharmak@tnb.com.my)

Day 1: TUESDAY
12th November 2019

8:30	Registration
9:00	Welcoming Remarks
9:15	Opening Remarks
9:30	Introduction Session
10:30	Group Photo
10:40	**NETWORKING BREAK**
11:00	Key Note Speaker 1 Topic: VRE Source Integration
12:30	Q&A Session
12:45	**BUSINESS LUNCH**
14:00	Presentation Session 1 Malaysia (Malaysia, SESB & SEB)
15:00	**TEA BREAK**
15:20	Presentation Session 2
15:40	Brunei
16:10	Cambodia
16:30	Indonesia
17:00	Free & Easy

Day 2: WEDNESDAY
13th November 2019

9:00	Presentation Session 3
9:10	Laos
9:30	Myanmar
9:50	Philippines
10:10	**NETWORKING BREAK**
10:30	Presentation Session 4
10:40	Singapore
11:00	Thailand
11:20	Vietnam
11:40	Q&A Session
12:30	**BUSINESS LUNCH**
14:00	Presentation Session 5 : Operation and Performance of H-Class Single Shaft CCGT
17:00	Free & Easy
20:00	**OFFICIAL DINNER**

Day 3: WEDNESDAY
14th November 2019

9:00	Keynote Speaker 2 Topic: VRE Forecast Management
10:30	**TEA BREAK**
10:50	Keynote Speaker 3 Topic: Wide Area Monitoring Protection System (WAMPS)
12:20	Q&A Session
12:30	**BUSINESS LUNCH**
14:00	Keynote Speaker 4 Topic: VRE Integration into SCADA/EMS Architecture & Control
15:30	**TEA BREAK**
15:50	Roundtable Discussion
16:30	Closing Remarks