

PV and utilities Workshop
in the context of the ASEAN Power Week

Workshop date: September 3 2015

Venue: Meeting Room. Jupiter 16 Impact Muang Thong Thani , Bangkok

09:00 - Session 1: Welcome and IEA-PVPS introduction

This session will introduce the event and how the IEA-PVPS program provides information on the evolution of the PV markets, industry and regulations within the electricity sector.

- *Co-Chairs: Ms.Kulwaree Buranasajjawaraporn(DEDE Thailand) and Mr. Peter Ahm (IEA PVPS Executive Committee Denmark)*
- *Thai host welcome: Director General or Representative (DEDE Thailand)*
- *IEA PVPS and the background for/expected outcome of the workshop: Mr. Peter Ahm*

09:30 - Session 2: The PV technology market and trends

This session will present the latest development of PV with regard to its competitiveness, technology and market trends, globally and most specifically in Asia. It will position PV with regard to the challenges related to its integration in the electricity sector.

- *Co-Chairs: Dr.Sopitsuda Tongsovit (Energy Research Institute, Chulalongkorn University Thailand and Mrs. Izumi Kaizuka, (RTS corporation Japan)*
- *PV technology and trends: Mr. Arnulf Jaeger Waldau (IEA PVPS Task 1)*
- *Global PV market and trends: Mr. Gaetan Masson (IEA PVPS Operating Agent Task 1)*

10.00 - Session 3: PV and Utilities -PVPS global experience and trends

10.00 Session 3a: PV as a reliable and environmental friendly electricity source: Grid integration, PV performance and environmental aspects.

This session will present how PV can deliver environmentally friendly electricity, while guaranteeing the revenues of investors on the long term. In addition, it will present the latest research with regard to the integration of PV into the distribution and transmission grids and which benefits it can bring to the electricity system.

Co-Chairs:Dr. Tanokkorn Chenvidhya (Solar Cells Testing Center,King Mongkut's University of Technology Thonburi Thailand)and Mr. Alex Arter (IEA PVPS Task 9 Switzerland)

- *PV penetration in grids - issues and trends: Proff. Kazuhiko Ogimoto (IEA PVPS Task 14 Japan)*
- *Large scale PV and PV and the environment: Mr. Keiichi Komoto (IEA PVPS Task 12 Japan)*
- *Q&A*

11.00 Tea and Coffee Break - networking

11.30 - Session 3b: Business models for utilities

This session will present first the evolution of PV system costs and the perspectives of PV electricity costs in the coming years. The experience from utilities globally will be presented, with regard to the business models they have developed for PV from small-scale residential PV to the construction and operation of large and very-large PV systems.

Co-Chairs: As session 3a

- *PV technology cost status and outlook: Mr. Gaetan Masson*

- *PV global utility business models and trends: Mr. Pius Huesser (IEA PVPS Task 1 Switzerland)*
- *PV utility models – case stories: Mrs. Anjali Shanker (IEA PVPS Task 9 France)*
- *PV business in minigrids: Dr. Vicente Salas (IEA PVPS Task 1 Spain)*
- *Q&A*

12.45 - Lunch break - networking

14.00 - Session 4: PV and utilities - APAC region PV experiences, trends and challenges

This session will present the current and future plans of Asian utilities with regard to PV development. Several countries and regions will present the various challenges and solutions for developing PV within the electricity mix of existing utilities.

Co-Chairs: Dr. Surachai Chaitusaney (Department of Electrical Engineering, Chulalongkorn University Thailand) and Pius Huesser

- *Thailand's RE/PV plans: Dr. Karnnalini Theeraratnanon (DEDE Thailand)*
- *Thailand's utilities view: Dr. Titiporn Sangpetch (EGAT Thailand)*
- *China's utilities view: Mrs. Zhu Lingzhi, (EPRI, China)*
- *India's utilities view: Representative from India*
- *Japan's utilities view: Mrs. Izumi Kaizuka, RTS Corporation Japan*
- *Malaysia's utilities view: Dato Dr. Ali Aska Sher Mohamad (SEDA Malaysia)*
- *Philippine's utilities view: Representative from Philippines*
- *Korea's utilities view: Representative from Korea*
- *Indonesia's utilities view: Representative from Indonesia*
- *Australia's utilities view: Mr. Mike Swanston (Energex Australia)*
- *Q&A*

16.15 – Tea and Coffee Break - networking

16.45 Session 5: Discussion

This session will consist in an open discussion on PV and utilities in the APAC region - threats, opportunities and challenges. The role of the IEA-PVPS and other stakeholders such as the ADB will be discussed.

Co-chairs: Dr. Wuthipong Suponthana (Leonics Co.Ltd. Thailand) and Gaetan Masson

- *Panel: speakers of session 4*
- *Inspiration/key-note/kick-off/provocation: Mrs. Anjali Shanker, IED France*
- *Discussion panel & floor guided by the co-chairs*

18.00 - Conclusions

- *Peter Ahm*
- *Dr. Sopitsuda Tongsopit*

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Meeting Room. Jupiter 16 Impact Muang Thong Thani
September 3rd, 2015 09.00-18.00

การประชุมเชิงปฏิบัติการ PV and Utilities Workshop. ร่วมกับงาน ASEAN Power Week ณ กรุงเทพมหานคร.
3 กันยายน 2558 ณ ห้องประชุม จูปีเตอร์ 16 อิมแพ็ค เมืองทองธานี เวลา 09.00-18.00 น.

Registration Form

1. Mr/Ms/Mrs/Dr/Prof : _____
First Name Family Name

คำนำหน้า นาย/นาง/นางสาว : _____
(ชื่อ) (สกุล)

2. Mr/Ms/Mrs/Dr/Prof : _____
First Name Family Name

คำนำหน้า นาย/นาง/นางสาว : _____
(ชื่อ) (สกุล)

Organisation/หน่วยงาน : _____

Address/ที่อยู่ : _____

Tel/โทร : _____ Fax/แฟกซ์ : _____

E-mail : _____

Please send the completed form by e-mail to Jessada Kumta: Jessada_k@dede.go.th
Tel : 02-2217975 Fax : 02-2261416

Please Do not hesitate to contact us again if you require any further information.

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