



Ministry of Electricity & Energy



**Day One - 17 Nov 2016, Thursday**

08:00 Registration & Coffee

09:00 CMT's Welcome

09:05 **MOGP 2016's Opening Plenary Session**  
 (combined session with MOGS)

**Opening Address**

H.E. U Pe Zin Tun  
 Union Minister of Electricity & Energy

**Integrating LNG in to the Myanmar Gas Supply Picture**

Tom Earl, VP, Business Development  
 TOTAL

**How Gas can Help to Unlock Energy Values for Myanmar?**

- Bridging between gas & renewables

James MacTaggart, General Manager  
 New Markets Asia, India & MENA  
 Royal Dutch Shell

**Realizing LNG Imports into Myanmar**

Official Speaker  
 Ministry of Electricity & Energy

**Meeting the Needs: Challenges & Investment Opportunities in Power Sector Development**

- Overview of future power sector: Electrification, Industrialization & Demand growth
- Investment Requirements in Generation, Transmission & Distribution to Meet Demand
- Investment Opportunities
- ADB Assistance to Myanmar's Power Sector

Bui Duy Thanh, Senior Energy Economist  
 Asia Development Bank

11:00 Networking & Refreshment

11:45 **Moving Forward on National Electrification Master Plans & Roles of MOEE, MEPE & etc**

U. Kyaw Hlaing Lin  
 Executive Engineer  
 Electricity Supply Enterprise (ESE),  
 Ministry of Electricity & Energy

12:30 **Developing PPA & IPP in Myanmar's Power Infrastructure Sector**

Mr. Mark D' Alelio, Partner  
 Duane Morris & Selvam (Myanmar) Limited

12:50 Networking & Luncheon

14:20 **Ensuring Sustainable Electricity Supply in Myanmar**

- Overview of the 3 Master Plans
- Evaluating Available Fuel Options to Meet Current & Future Power Demand
- Possible solutions for Myanmar Power Generation Plans

Mr. Nicolas Leong  
 Business Development Manager,  
 Energy Solutions, South East Asia  
 Wartsila Singapore Pte Ltd

14:50 **Right Technology Solution to Partner Myanmar Power Development Growth**

- Changing Generation Mix in Myanmar Power Development Plan

- Available Technologies for Grid Balancing
- Important of Generating Set Load Factor according to ISO8528

Prabal Kumar Basu  
 Regional Sales Director- Asia  
 Bergen Engines India Pvt. Ltd.

Mr. Aung San Htut, Senior Engineer,  
 Sales Engineering  
 MTU Asia Pte Ltd

15:20 **Managing Base-Load Energy Sources (Hydro, Gas, Coal) & Fuel-Mix New & Existing Power Plants**

U. Aye Min, Deputy Director  
 Ministry of Electricity & Energy

15:50 Networking & Refreshments

16:20 **The Interim Solution versus Sustainable Electricity Supply Security**

Mr. Andrew Lee  
 Chief Country Representative  
 GE

16:50 **Panel Discussion: Myanmar Power Generation Sources & Challenges**

- Development of Coal-Fired Power in Myanmar & Is coal here to stay in South East Asia?
- Natural Gas & Economics of LNG in Myanmar, Making Long Term Economic Sense of It.

- Bringing Electricity Supply Beyond Grid-Connectivity (off grid, rural electrification), What Sustainable Solutions (Short & Long Term) are there?
- What about Nuclear?

**Moderated by:**  
 Dieter Billen, Principal, Malaysia  
 Roland Berger

Official Speaker  
 Ministry of Electricity & Energy

Mr. Andrew Lee  
 Chief Country Representative  
 GE

Mr. Nicolas Leong  
 Business Development Manager,  
 Energy Solutions, South East Asia  
 Wartsila Singapore Pte Ltd

Mr. Sunil Seth  
 Country Manager Myanmar  
 Tata International Limited  
 Singapore

Mrs. Ei Phayusin Htay  
 Managing Director  
 Barons & Fujikura EPC Co., Ltd.

17:40 Discussion & End of Day 1

17:45 **MOGP 2016's Networking Reception**



Ministry of Electricity & Energy



into our 33<sup>rd</sup> year

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**Day Two - 18 Nov 2016, Friday**

09:00 Chairman's Remarks

09:05 **Decentralized Solar PV in Myanmar: Commercial and Industrial Applications**  
 • Opportunities and key sectors suitable for decentralized solar  
 • Challenges in short- and long-term for decentralized solar and suggested solutions  
*Mr. Evan Scandling*  
*Managing Director (Myanmar)*  
*Sunlabob Renewable Energy Ltd.*

09:30 **Review on Power Generation in Myanmar over the last decade**  
*Dr. Win Myint, Deputy Chief Engineer*  
*Ministry of Electricity & Energy*

10:00 **Transforming Yangon City's Distribution Networking & Power Supply**  
*U. Aung Tun Lin*  
*Assistant Manager (Engineering)*  
*Ministry of Electricity & Energy*

10:30 Refreshment & Networking

11:00 **Financing Power Projects in Myanmar – A Bankability Perspective**  
 • Key Bankability Challenges in Myanmar  
 • Role of Multilateral/Development Banks  
 • Political Risk Protection  
*Mr. Ben Thompson, Partner*  
*Mayer Brown JSM (Singapore) Pte. Ltd*

11:20 **Financing Panel Discussion – Where's the Dollar coming from and go to?**  
 • Key aspects of bankability for power projects in Myanmar & key issues faced by an industrial sponsor when developing a greenfield project; How to accelerate the development and financing of power projects?  
 • How can power generators access alternative sources of capital?  
 • Evaluating different investments approaches when investing in power projects, new financing structure to attract more financiers  
 • Barriers of financing for coal/gas power generation versus renewable energy projects & how to overcome  
 • Maximising returns and minimizing risks  
*Mr. Peter Bird, Senior Advisor*  
*Rothschild (Singapore) Limited*  
  
*Mr. Yanis Boudjouher, Board Director*  
*Infra Capital Myanmar (ICM)*  
  
*Mr. Ben Thompson, Partner*  
*Mayer Brown JSM (Singapore) Pte. Ltd*  
  
*Marat Zapparov, Director, Infrastructure*  
*Clifford Capital Pte Ltd*  
  
*Mr. Zeya Thura Mon, Chairman/ CEO*  
*Zeya & Associates Co., Ltd (RGK+Z&A)*

12:20 Final Discussion, Networking & Closing Luncheon

13:30 End of Main Summit

**“Investing in Growth for More & Efficient Electricity Supply”  
 The Must Attend Power Event in 2016**

Myanmar's huge thirst for electricity pacing with its emerging economic growth has led to an influx of IPPs. Various initial memorandums are being signed for new power generation projects in the country... Indicating much interest and commitment to increase and improve the country's generation capacity.

By 2030, Myanmar needs about 80,000 gigawatt hours (Gwh) of electricity, seven folds of its current consumption. Installed generation capacity is expected to jump to 24 gigawatts by then, with an annual addition of 1.2 gigawatts to the capacity.

Besides working to increase the generation capacity, Myanmar is in dire need to improve the reliability of the transmission and distribution infrastructure, with multilateral development banks such as the ADB.

The upcoming national electricity master plan is to provide clarity on the electricity mix and a much needed framework for power purchase agreements to spur investments and project finance bankability. Find out all this and more at CMT's 4th Myanmar Power Summit scheduled on November

To start off, the Myingyan power project 300-megawatt power plant in Yangon is a model example to continue the growth of Myanmar's power sector to be discussed on the agenda.

CMT's 4th Myanmar Power Summit (MPS) is a **MUST-ATTEND** event for regional and global project developers and IPPs to assess and clarify risks and opportunities in the country's electricity power generation, transmission and delivery sector.

**Key highlights include:**

- How Natural Gas, LNG and Mini-LNG can be integrated in Myanmar's energy portfolio
- Multilateral banks & energy majors' perspectives/ aspiring roles in the burgeoning power sector
- Energy mix clarification from the national electrification master plans
- Establishing frameworks/guidelines for procurement & IPPs/PPAs
- Ensuring Sustainable Electricity Supply: Short Term & Long Term Game Plans
- Renewable Solar PV to provide off-grid/decentralised power supply
- Upgrading efforts of the transmission & delivery grid infrastructure
- Developing bankable power project in Myanmar, from recent successful case study

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