NEW Myanmar: The Last Frontier in the Global Economy

MYANMAR ELECTRIC POWER CONVENTION
16-18 October 2013, Traders Hotel Yangon, Myanmar

Supporting Partners
The Emerging Power Market of Myanmar

Changes of Myanmar’s political situation in last two years are bringing a breath of fresh air to its long-term closed economy. The ease of Western countries’ sanction, along with Myanmar’s Foreign Investment Law, makes this country a new investment hot spot over Southeast Asia.

Among all the industries, power is one of the most important sectors for country’s comprehensive development. But for the current Myanmar, the power situation is quite imperfect. National electric connection rate is only around 25% and it’s even lower in most rural areas. And the poor efficiency of country’s power generation and T&D system makes the situation worse. Over the past few years, the per capita electricity consumption of Myanmar kept among the lowest in Southeast Asia. Lack of technology and investment is the main cause of Myanmar’s power poverty, but it has rich resources in hydro and fossil – natural gas, oil and coal. That’s why Myanmar’s power sector has great potential.

Right now, the domestic electricity mostly depends on hydro and thermal power, as well as some distributed renewable energy. Hydropower, which has about 75% of country’s capacity, drains 4 main rivers in Myanmar. Most of Myanmar’s installed hydropower stations were built through cooperation with Chinese and Thailand’s companies. In the short term, hydropower will still be the basis of Myanmar’s power supply and MOEP has some draft plan to build up a few large-scale dams in north areas. The major problem facing the hydro power is the low capacity in dry season. To fill the gap of it, more gas-fired power plant is under plan throughout the country, especially around Yangon. Myanmar has about a dozen gas-fired power plants in operation and recently, a Korean consortium confirmed to build a 500MW plant near Yangon. Natural gas is always an important export item for Myanmar, but in order to meet the domestic demands, newly exploited gas will be preferentially supply internally. And according to MOM, Myanmar has large reserve of coal - 488 million tons in various categories. But for now, the capacity of coal in electricity only shares 4%. And recently, government postponed one 4000MW project in consideration of the public opposition. But some medium-scale coal-fired power plants are still under plan. For the renewable energy, it’s mainly used in distributed generation over rural areas in Myanmar. The first solar power plant (210MW) is in preparation.

For transmission and distribution, the Myanmar national grid does not cover most of the rural areas. And the aging long-distance system suffers high losses of electricity. MOEP has the plan to upgrade the current grid and build up a 500 kV transmission system in medium and long term plan.

The present foreign investment in Myanmar’s power sector still mainly from Asia, like China, Japan, Korea, Thailand and etc.. But with the ease of Western countries’ sanction, international cooperation will growth and also the Myanmar local companies will play an important role in power development.
The EXHIBITION

The exhibition area of MEPC 2013 will accommodate 22 exhibiting stands for companies interested in investing in Myanmar’s power sector to showcase their products and services to the right mix of visitors from government, SOEs, IPPs, trading houses, and other potential buyers in Myanmar’s power market. It’s the perfect occasion to increase your brand recognition and to be ahead of others in Myanmar.

The CONFERENCE


THE NETWORKING

Apart from the main event, the cocktail parties, gala dinners, golf competition, and other occasions will provide all the participants with great opportunities to network with potential peers and contacts in a relaxing atmosphere.
**MEPC 2013 FLOOR PLAN**

**TYPE OF COMPANIES**
- State/ district owned utilities
- Municipal utilities
- Private-owned utilities
- State owned T&D utilities
- T&D operator
- Independent power producers
- Small power producers
- EPCI contractors
- Equipment manufacturers
- Governments/ Associations
- Consulting firms
- Law firms
- Fuel suppliers
- R&D organizations
- O&M service providers
- Financing institute
- Insurance companies

**PRODUCTS & SERVICES**
- Low, Intermediate, High pressure - Steam turbine
- Gas turbine
- Boiler
- Combustion air intake
- Compressor
- Combustion Turbine
- Boiler steam drum
- Steam control valve
- Superheater
- Reheater
- Heat recovery steam generator
- Feedwater heater
- Condensate pump
- Waste heat boiler
- Electrical generator
- Cooling water pump
- Water treatment
- Cooling tower
- Water turbine/ hydraulic turbine
- Surge tank
- Switch gear
- Control gear
- Inspection of dam and waterway
- Transmission tower
- Photovoltaic panel
- Wind turbine
- Transformer
- Transmission lines and cable
- Transmission towers/ pylon
- Valve
- Turbine casing
- Steam pipe
- High pressure water pipe

**VISITORS’ PROFILE**
- CEO / President
- Vice President
- Managing Director
- General Manager
- Regional Manager
- Country Representative

**SECTORS OF INTEREST**
- Hydropower
- Coal fired power
- Gas power
- Diesel power
- Solar power
- Wind power

**MYANMAR ELECTRIC POWER CONVENTION 2013**

NEW Myanmar: The Last Frontier in the Global Economy

**MYANMAR**

**2013**

16-18 October
**MYANMAR ELECTRIC POWER CONVENTION 2013**

**NEW Myanmar: The Last Frontier in the Global Economy**

### Registration Open Hours

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<th>Date</th>
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<td>Wednesday 16 October</td>
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### Exhibition Schedule

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### Conference Schedule

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<td>Wednesday 16 October (VIP Dinner)</td>
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### A GLIMPSE OF OUR PREVIOUS PARTICIPANTS

- ADIT
- AMEC
- Apave
- Arup
- British Embassy
- Bureau Veritas
- CB&I
- CH2M
- Converdyn
- Curtiss-Wright Corporation
- Deltares
- Electricity de France (EdF)
- EGAT
- Electric Power University
- EMPRE
- E.ON
- ESI
- Electricity Vietnam (EVN)
- EVN Finance
- EXCEL Corporation
- Exelon
- Fugro Geotechnics
- Fugro
- Fugro Consultants
- Geodis Wilson
- Gulf Reinsurance
- Hitachi
- Holtec
- HR Wallingford
- INSS, Inc.
- Intergraph
- IRSN
- JESS
- JGC Corporation
- JINED
- JLT
- KAERI, Korea
- Kansai Electric Power Company
- Kinectrics
- Lloyd Register
- M+W Group
- Malaysian Nuclear Agency
- Mitsubishi Heavy Industries
- Milbank
- MOIT, Vietnam
- n.TripLe.A
- Parsons Brinckerhoff
- Pell Frischmann
- Peninsula
- Pillsbury
- PNRA
- Postech
- Poyry
- PT PLN
- QSI
- Rio Tinto
- RSB
- RWE
- Safas Group
- Sargent & Lundy
- Sheffield Scientific
- Shinsei
- Technetics
- Technicas Reunidas
- Thomas Thor
- TNB
- Toyo Engineering
- TUV Rheinland
- TWI
- Urenco
- VARANS
- VCI Legal
- Vinatom
- VTT
- WANO
- Western Services
- Woori Technology
- WNA
- WorleyParsons
- and many others
PRE-CONFERENCE DAY
16 October, 2013

0900-1200 Workshop - Renewable Energy & Electricity Efficiency
The half-day intensive workshop will focus on the electricity efficiency issues, discussing the current problems in Myanmar's power industry and the best plans for Myanmar to improve efficiency throughout the electricity generation, transmission and distribution.

Renewable Energy Association Myanmar

1400-1700 Legal Forum
The half-day forum will address 3-4 hottest legal topics, helping you to compliment your professional knowledge needed in conducting successful business in Myanmar.

If you would like to share your insights towards this market, please contact Zoey Zhang by zoey@neoventurecorp.com.

Detailed agenda of workshop and forum is to be updated shortly.

1800-2000 VIP Ice-Breaking Reception
This ice-breaking session is the perfect occasion for you to reach out the right contact for your future business in Myanmar’s Electric Power sector.

By Invitation ONLY!

MAIN CONFERENCE DAY ONE
17 October, 2013

0800-0850 Registration
0850-0900 Welcoming Address by Conference Chairman

0900-0915 Opening Address
H.E. U Aung Than Oo, Deputy Minister, Republic of Union of Myanmar Ministry of Electric Power Invited

0915-0945 Opening Keynote Address: Myanmar’s Power Development Strategy from Government’s Perspective
U Khin Maung Zaw, Director General, Department of Electric Power, Ministry of Electric Power (MOEP) Invited

0945-1015 The Role of Hydro and Thermal Power in Myanmar’s Future Power System
- Will hydropower still be the main way of power for future Myanmar?
- Combination of hydro and thermal in dry seasons
- The plan of major projects
U Phone Myint, Deputy Director General, Department of Hydropower Planning

1015-1045 Develop Thermal Power to Meet Electricity Demand
- Overview of major projects
- Different supply plan for Yangon and other regions
- Combination of natural gas, coal and hydro power
U Khin Maung Win, Managing Director, Hydropower Generation Enterprise (HPGE) Invited

1045-1115 Morning Refreshment & Networking

1115-1145 Enhancing Efficiency of Gas-Fired Power Plant with CCGT
- Technology Showcase and the best practice for Myanmar
- The protetial of CCGT in Myanmar
- How to increase efficiency and reduce pollution
General Electric

1145-1215 TNB’s Experience in Power Development
Dato’ Ir. Mohd Nazri Shahruddin, Vice President, New Business & Major Projects, Tenaga Nasional Berhad

1215-1245 To Be Confirmed
Chuah Kee Heng, Head of Strategic Development, Singapore Power

1245-1400 Delegate Lunch

1400-1430 Development of Myanmar’s Power Sector—from TEPCO’s Perspective
Toshiro Kudama, Corporate Executive Officer, Executive General Manager International Affairs Department, Tokyo Electric Power Company

1430-1500 Develop the Environment Friendly Thermal Power Plants in Myanmar
- How to reduce air pollution: carbon dioxide, nitrogen oxides, sulfur oxides
- How to make it suitable for current Myanmar?
Baek Seon Ho, Director General, Head of project development team 1, Korea Electric Power Corporation (KEPCO)

1500-1530 Technology Support for Myanmar in Hydropower
- How to increase supply in dry seasons?
- Analysis of advanced technologies, like pumped storage hydroelectricity
- Best practice for Myanmar
International Hydropower Association

1530-1600 Afternoon Refreshment & Networking
1600-1630 Challenges of Electrifying Rural Population with the Deployment of Renewable Energy in Myanmar

U Aung Myint, Secretary General, Renewable Energy Association Myanmar

1630-1700 Partnership Models for Investment in Myanmar

- Interpretation of rules and regulations for foreign investment in Myanmar
- Finding the right partners in Myanmar: guidelines and criteria
- Pros and cons of different partnership models

U Sein Oo, Vice Chairman, Htoo Trading

1700-1730 Overview of Energy Efficiency & Conservation, Energy Management Activities in Myanmar

U Win Khaing, President, Myanmar Engineering Society Chairman, United Engineering

1730-1740 Closing Remarks by Conference Chairman

1800-1930 Delegate Cocktail Party

MAIN CONFERENCE DAY TWO
18 October, 2013

0800-0850 Registration

0850-0900 Welcome Address by Conference Chairman

0900-0930 Status Quo of Myanmar’s Current Power Transmission System and Future Perspective

- Status quo of T&D system
- Short and medium term plan to upgrading transmission grid

U Maung Maung, Chief Engineer, Power Transmission Projects Department, Myanmar Electric Power Enterprise (MEPE)

0930-1000 Ensuring Distribution Efficiency in Yangon: Challenges and Opportunities

U Thant Zin, Deputy Chief Engineer, Distribution Department, Yangon City Electricity Supply Board (YESB)

1000-1030 The Complexity of Myanmar’s Distribution Networks in Rural Areas: Challenges and Opportunities

U Myint Aung, Managing Director, Electricity Supply Enterprise

1030-1100 Morning Refreshment & Networking

1100-1130 Investment Opportunities in Myanmar’s Power Sector

Daw Cho Cho Wynn, Deputy Director General, Directorate of Investment and Company Administration, Ministry of National Planning and Economic Development Invited

1130-1200 Power System Experience Sharing from ASEAN Countries

- Integrated power supply system in similar geographical environment
- Referential plan and suggestions

Electricity Generating Authority of Thailand

1200-1230 Myanmar’s Energy Sector Initial Assessment

- Overview of the report
- ADB’s support for Myanmar’s power development

Jong-Inn Kim, Lead Energy Specialist, Energy Division, Southeast Asia Department, Asian Development Bank

1230-1400 Delegate Lunch

1400-1430 Development of Myanmar’s Power Sector Master Plan

Kyosuke INADA, Senior Representative, Japan International Cooperation Agency

1430-1500 Build up a Comprehensive Legal Framework for Power Sector

- Legal issues throughout the project process
- Efficient measures to promote industry’s sound development
- Issues and challenges

Paul Nikitopoulos, Senior Counsel, VDB-Loi Invited

1500-1530 Infrastructure Preparation to Ensure a Sustainable Development of Power Sector

World Bank

1530-1600 Afternoon Refreshment & Networking

1600-1630 Risk Management throughout Construction and Operation

- Analysis of major risks in emerging market
- Valuing all the assets and optimizing the plan of project
- Insurance of power projects

1630-1700 The Role of Local Private Companies in Myanmar’s Power Development

U Zaw Zaw, Managing Director, Max Myanmar Invited

1700-1730 Closing Panel Discussion

- Conclusion of 2-day conference
- Discussion and Q&A

1730-1740 Closing Remarks by Conference Chairman

1740 End of Conference
Contact Us

For Exhibition and Sponsorship
Hanzo Zhang
Tel: +86 21 5108 6710 ext. 8014
Email: hanzo.zhang@neoventurecorp.com

For Speaking Opportunity
Zoey Zhang
Tel: +86 21 5108 6710 ext. 8040
Email: zoey@neoventurecorp.com