

<u>Myanmar / Japan Joint Forum on</u> <u>Electric Power Deve</u>lopment 2013

October 4 (Friday) 2013, 13:00~17:00



Forum Chairman KAZUYOSHI MORI,PE.JPN Director, JAPAN ENGINEERS FEDERATION

Message:

Top priority for Japanese Electric Power Industry is how to contribute to stabilize the electric power supply systems in Myanmar.

In line with the official development assistance scheme expressed by Mr. Abe of Prime Minister of Japan, the prominent Japanese suppliers and utility companies propose all potential measures to stabilize and enhance the Electric Power systems in Myanmar. All proposals will cover technological and economical perspectives for planning and implementing the hardware and software required for Electric Power Systems in Myanmar.

Forum Outline

Date & Time: Venue:	Friday, October 4, 2013 13:00~17:00 Sedona Hotel (No.1, Kaba Aye Pagoda Road, ,Yankin Township. Yangon, Myanmar)
Sponsored by:	JAPAN ENGINEERS FEDERATION (JEF) Japan-Myanmar Association for Culture & Economic Exchange (JMACEE)
Official support:	Ministry of Electric Power, Republic of the Union of Myanmar (Requesting) Union of Myanmar Federation of Chambers of Commerce and Industry (UMFCCI) Myanmar Engineering Society (MES)
	Embassy of Japan in Myanmar JETRO, Yangon JICA, Myanmar Japanese Chamber of Commerce and Industry, Yangon
Expected audience Fee:	e:150 Free of charge
How to apply:	Please send the application by e-mail info@jef-site.or.jp or FAX: +81-3-6229-1940





Myanmar / Japan Joint Forum on Electric Power Development 2013

October 4 (Friday), 2013 PROGRAMME OF THE FORUM

October 4 (Friday), 2013					
Time	Presentation Title	Speaker			
13:00-13:05	Opening Address	EMBASSY OF JAPAN IN MYANMAR (Tentative)			
13:05-13:10	Guest Opening Remarks	MINISTRY ELECTRIC POWER, REPUBLIC OF THE UNION OF MYANMAR (Tentative)			
13:10-13:15	Guest Opening Remarks	Union of Myanmar Federation of Chambers of Commerce and Industry			
13:15-13:20	Guest Opening Remarks	Myanmar Engineering Society			
13:20-13:35	General Overview : How to contribute to the development of Electric power systems in Myanmar!	KAZUYOSHI MORI,PE.JPN			
13:35-13:50	IPP Systems for Myanmar Power Generation	TBD			
13:50-14:05	HITACHI GAS TURBINES	HITACHI, LTD., (DAISUKE YAZAKI)			
14:05-14:20	Switching Power Diesel Generator System	AKTIO CORPORATION (TSUTOMU OTSUKA)			
14:20-14:35	Advanced Spark Ignition Gas Engine 28AGS Series	NIIGATA POWER SYSTEMS CO., LTD. (TADAO MIYAKOSHI)			
14:35-14:50	Introduction of Fuji Electric	FUJI ELECTRIC CO., LTD. (TADASHI KANEDA)			
14:50-15:05	Hydro Power Generation Systems	TOSHIBA CORPORATION (TERUO KITAGAWA)			
15:05-15:20	Coffee Break				
15:20-15:35	Submersible Turbine Generator	THE CHUGOKU ELECTRIC POWER CO.,INC. (SHINOBU TANAKA)			
15:35-15:50	Transmission & Distribution of Mitsubishi Electric Corporation	MITSUBISHI ELECTRIC CORPORATION (MASAZUMI YAMAMOTO)			
15:50-16:05	Proposal for Mobile Transformer	DAIHEN CORPORATION (KAZUHIKO HAGIWARA)			
16:05-16:20	Visualization of Energy Building Energy Management System (BEMS)	CBS CORPORATION (TAMAMI KOSAKA)			
16:20-16:35	Thermal Power Engineering Consulting Services	WEST JAPAN ENGINEERING CONSULTANTS, INC. (TAKASHI HARADA)			
16:35-16:55	Questions & Answers	ALL			
16:55-17:00	Closing Address	JAPAN ENGINEERS FEDERATION			

Details Forum Program

JAPAN ENGINEERS FEDERATION (JEF) General Overview

How to contribute to the development of electric power systems in Myanmar !

- 1. Keywords from Policies of MOEP
- 2. Cooperation by Japan
- 3. Institutions in Myanmar(Ministry of Electric Power)
- 4. Investment Framework
- 5. Electricity Tariffs in Myanmar
- 6. Independent Power Producer (IPP) Scheme
- 7. IPP Business Model

HITACHI, LTD.

HITACHI GAS TURBINES

- 1. Company Outline
- 2. Hitachi Gas Turbines
- 3. Supply Experience
- 4. H-25 Gas Turbine
- 5. H-80 (50 Hz) Gas Turbine
- 6. Gas Turbine Global Service & Support



NIIGATA POWER SYSTEMS CO., LTD. **Advanced Spark Ignition Gas Engine 28AGS Series**

- 1. 18V28AGS Main Particulars
- 30MW Gas Engine Generating Plant 2.
- 3. Required Equipments in Power Station
- Low Emission Gas Engine 4

TOSHIBA CORPORATION

1. Name of Equipment

AKTIO CORPORATION

Switching Power Diesel Generator System

IPP Systems for Myanmar Power Generation

- 1. Name of Project/Equipment
- 3. Place of installation:
- 5. Specification
- 7. Scope of Works not included in Manufacturer supply:

2. Quantity and Capacity:

6. Delivery on order:

4. Contract:

- 8. Guarantee and Warranty 9. Technical Assistance
- 10. Others: will discussed in Contract Negotiation

FUJI ELECTRIC CO., LTD.

Introduction of Fuji Electric

- 1. Company Outline
- 2. Experience in Myanmar
- 3. Substation Equipment / Transformers
- 4. Substation Equipment / High Voltage Gas Insulated Switchgear(GIS)
- 5. Substation Equipment Fuji's Investment to Tusco Trafo, Thailand
- 6. Micro Hydro Power Generation
- 7. Hybrid Type Micro Grid System
- 8. Hybrid Type Micro Grid System Micro Grid System for Remote Area
- 9. Fuji Energy and Environmental Solutions

THE CHUGOKU ELECTRIC POWER CO., INC. **Submersible Turbine Generator**

- 1.Agenda
- 2. About Chugoku Electric Power Co., Inc.(Chugoku EPCO)
- 3. About Eaml Engineering Company Ltd.
- 4. Outline of Submersible Turbine Generator
- 5. Contact person

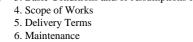
DAIHEN CORPORATION

Proposal for Mobile Transformer

- 1. What is a Mobile Transformer?
- 2. Type of Mobile Transformer
- 3. Advantage and Featuring 4. Feature
- 6. Feature 5. Explanation of ODAF
- 7. Furthermore
- 8. Technology of Noise Reduction
- Reduction Technology
- 9. 77kV 10MVA 50dB Self-mobile Transformer
- 10. 110kV 15MVA 55dB Trailer mounted type mobile transformer

WEST JAPAN ENGINEERING CONSULTANTS, INC. **Thermal Power Engineering Consulting Services**

- 1. Thermal Power Engineering Consulting Services
- 2. Coal-fired thermal power engineering service
- 3. Thermal and geothermal power engineering consulting service
- 4. Engineering consulting service for Additioning GE/GT/DE Generator
- 5. Poultry Litter Power engineering consulting service



Hvdro Power Generation Systems

7. Others

2. Capacity



MITSUBISHI ELECTRIC CORPORATION Transmission & Distribution of

Mitsubishi Electric Corporation

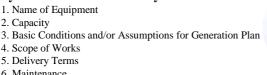
- 1. Mitsubishi Companies
- 2. Corporate Profile
- 3. Group locations in the world
- 4. Offices and Works of EIS Group
- 5. Transmission and Distribution Systems Center (TDSC)
- 6. Progress of MELCO's GIS
- 7. Comparison of Substations
- 8. TDSC Related offices & factories



- **CBS CORPORATION** Visualization of Energy **Building Energy Management System (BEMS)**
 - 1. Out line of CBS CORPORATION
 - 2. Why "visualization" important?
 - 3. BEMS/FEMS Energy consumption visualized system
 - 4. BEMS (Building Energy Management System)
 - 5. FEMS (Factory Energy Management System)
 - 6. Visualized Energy Consumption
 - 7. ECO system for the building
 - 8. ESCO Scheme 9. ESCO Scheme (Cash Flow)







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Hiroshi Miyano	Professor, System Design Div., Hosei University		

Application Form

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Company name :

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Muneo Morokuzu

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