



Speaker

Prof. LIU Changdong
President of CTGO

Nowadays, the society has been developing with more and more utilization of water resources and clean energy. As important hydraulic facilities, hydropower stations, jointly operating with reservoirs, are capable of coordination of flood control, power generation, navigation, irrigation, water supply and sediment reduction etc. with considering relevant constraints. Countries around the world are facing different challenges in management of basin water resources and operation practice of hydropower stations. On the one hand, based on meteorological and hydrological forecast and optimization of demand plans, water resource management and coordination among reservoirs have been achieved between upstream and downstream, and among trunk river and tributaries to guarantee flood control, water supply, ecological safety, on the other hand, for hydropower stations, full life cycle management of equipment has been realized through equipment diagnostic operation, real-time state assessment and condition maintenance, to meet the goals of safe and efficient operation.

Forum on Practice and Challenges on Integrated Operation of Hydropower Stations and Reservoirs

Date	Session Id	Starting time	Description	Topics	Duration [minutes]	Location	Co-Chair	Personnel		
13 th Aug.	Hall A (tentative)	9:00 a.m.	Kick off, welcoming speech: Prof. LIU Changdong, President of CTGO Mr. Polycarp Wong Heang Fui Vice President, Hydro SEB		15	Putra World Trade Centre (PWTC)	Prof. LIU Changdong, President of CTGO Mr. Polycarp Wong Heang Fui Vice President, Hydro SEB	CYPC,SEB, YRHDC, IAHR committee, etc..		
		9:15 a.m.	Presentation/Q&A, Mr. LI Zhixiang, VP of TGHP	Condition evaluation based maintenance for hydropower generating sets	45					
		10:00 a.m.	Presentation/Q&A, Mr. Mubasher Hussain SEB	Integrated Operation of Existing Hydroelectric Plants and Reservoirs in Sarawak	45					
		10:45 a.m.	Coffee break		15					
		11:00 a.m.	Presentation/Q&A, Dr. REN Yufeng, Engineer Three Gorges Dispatch Center	Optimized multi-objective dispatch among reservoir group	45					
	Lunch									
	Hall A (tentative)	2:30 p.m.	Presentation/Q&A, Mr. Mohamad Irwan Bin Aman SEB	Hydropower Resource – Adaption to Climate Change	45	Putra World Trade Centre (PWTC)	Prof. LIU Changdong, President of CTGO Polycarp Wong Heang Fui Vice President, Hydro SEB			
		3:15 p.m.	Presentation/Q&A, Dr. Yiping Miao Senior Engineer of Centralized Control Center YRHDC	Joint Operation of Yalong River Cascade Reservoirs	30					
		3:45 p.m.	Coffee break		15					
		4:00 p.m.	Presentation/Q&A, Prof. LIU Changdong, President of CTGO	Overhaul and expansion upgrading for hydropower generating sets	45					
4:45 p.m.		Closing speech, Prof. LIU Changdong, President of CTGO Mr. Polycarp Wong Heang Fui Vice President, Hydro SEB		15						

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AUGUST
2017
SUNDAY

TIME : 9.00 am - 4.45 pm

**VENUE : Melaka Room,
 PUTRA WORLD TRADE CENTRE
 (PWTC), KUALA LUMPUR**



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