

Event	SETA2016 Conference Program				Connecting Conference Program	
Day 1	Wednesday 23, March 2016					
09.00-10.00 hrs. (Plenary- Session 1)	Opening Ceremony & Keynote Session Gen Anantaporn Kancharat , Minister of Energy (Plenary @ Grand Ball Room)				"Energy Security Workshop" by Energy Research Institute Network (ERIN) (Room MR 220-221)	Solar Technology Seminar by Thai Photovoltaic Industries Association (Room MR 214-215)
10.00-10.30	Coffee Break & Visit Exhibition Booth/Poster					
10.30-12.00 hrs. (Plenary- Session 2)	Future Energy for a Sustainable Economy (Panel Discussion @ Grand Hall Ball Room) 1.Dr.Fatih Birol (IEA) , 2.Mr.Adnan Amin (IRENA) , 3.Mr.David Shropshire (IAEA) 4.Mr. Hidetoshi Nishimura (ERIA) , 5.Dr.Luis Gomez Echeverri (SEE4All) , 6.Prof.Dr.Bundit Eua-arporn (Chulalongkorn University); Moderator: TBC					
12.00-13.30 hrs.	Lunch & Visit Exhibition Booth/Poster					
Breakout Session	Track 1 (Room 201)	Track 2 (Room 202)	Track 3 (Room 203)	Track 4 (Room MR 211-212-213)		
Session	Energy Policy and Planning	Electrical Systems Technology	Transportation and Alternative Fuels	Sustainable Energy and Green Technology		
13.30-14.10 hrs. (Session 3)	National Energy Policy and Planning Dr.Twarath Sutabutr (EPPO)	Regional Connectivity and Grids Interconnection Mr.Soonchai Kumnoonsate (EGAT)	Pipeline Fuel Transports and Regional Connectivity PTTEP	"Sustainable Pathways to Low Carbon Energy Societies " organised by Thailand Greenhouse Gas Management Organization (TGO) (Room MR 222-223)		
14.10-14.50 hrs. (Session 4)	Emerging Energy Markets and Reforms (Include Gas Market) Mr.Auttapol Rerkpibook (PTT)	New Trends in Transmission and Distribution of Electricity (EGAT)	Trends in Battery Technology Development for Transport and Charging Systems Toshiba			
14.50-15.30 hrs.	Coffee Break & Visit Exhibition Booth/Poster					
15.30-16.10 hrs. (Session 5)	Energy Market Design & Reform Ms.Csilla Kohalmi - Monfils (GDF Suez)	Smart Grids : Opportunities, barriers and application (EGAT)	Pipeline Fuel Transports and Regional Connectivity Chevron	Round Table Meeting byIndependent Power Producers Forum (IPPF) (Room MR 219) EV Workshop by Thai Electric Vehicle Association (Room 215-216)		
16.10-16.50 hrs. (Session 6)	Energy Sector Investment: Opportunities and Barriers World bank	Smart Grids : Opportunities, barriers and application Asst. Prof.Dr.Naebboon Hoonchareon (CU)	Fuel efficiency policy for transport sector in the ASEAN region Mr.Tali Trigg (GIZ)			
16.50-17.30 hrs. (Session 7)	Financing Affordable Clean Energy for All in Asia Dr. Yongping Zhai (ADB)	Smart Grids : Opportunities, barriers and application Dr. Surin Khomfoi (KMTL)	Intelligence Transportation System GDF Suez			
17.30-18.10 hrs. (Session 8)	Energy Policy and Planning TBC	Smart Grids : Opportunities, barriers and application SAS Software	Electrical Rail System Siemens Electroplating trivalent Cr-C coatings on different metallic bipolar plates for proton exchange membrane fuel cells Hsiang Cheng Wang Hsiang (Chung-Cheng Institute of Technology, National Defense University)			
18.10-18.50 hrs. (Session 9)	Energy Efficient Buildings: Case Studies from Washington, DC Julia Craighill (Ensign Consulting)	Investigation of heat transfer mechanism inside shell- and-tube latent heat thermal energy storage systems Saeid Seddegh (University of Tasmania)	An Economic Study of Sustainable Fuel Choice for Marine Shipping: Cases of Cross Taiwan Strait Transportation WU, Yihuan (Soochow University)	Energy Management Practices in Hotels in Kwa-Zulu Natal South Africa Dr. Reshman Sucheran (Durban University of Technology)		
	Barriers to Energy Efficiency Implementation in ASEAN Eric GRAEF (Cofely SEA)	Energy Efficiency, Performance Contracting and BIM Technology for Reduced Country Energy Charles Blaschke IV (Taka Solutions)	A study of electrifying public buses in Singapore Daniel Liang (DNV GL)			
18.50-19.30 hrs (Session 10)	Sustainable Energy for All to meet Fundamental Electricity Needs Etienne Drouet (GDF Suez Energy Asia Co., Ltd)	Lamtakong Jolabha Vadhana Hydro Power Plant; the power plant can be recharging Panu Suwicharcherdchoo (EGAT)	Shift Power Alan Kneisz (Hydrogenics)	Waste -Energy Nexus Heiner Markhoff (GE Water and Process Technologies)		
		Optimized Hybridization and Storage of Mini-Grids using Renewable Energy Sources from Solar-PV and Wind Frank Zimmermann (ILF Consulting Engineers (Asia) Ltd)	Development of Bi-Fuel Gasoline-Natural Gas ECU for gas quality variation Kietsakul Watcharinyanon (PTT Public Company Limited)			
19.30 onward	Welcome Reception (PTT & EGAT Booth)					

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Day 2	Thursday 24, March 2016				
09.00-09.45 hrs. (Plenary- Session 11)	Keynote Session, Mr.Arkhom Termpittayapaisith Minister of Transport,Thailand (Plenary @Grand Ball Room)				
09.45-10.30 hrs.	Coffee Break & Visit Exhibition Booth/Poster				
10.30-12.00 hrs. (Plenary- Session 12)	Panel Discussion: Alternative Fuels and The Future of Transportations				
12.00-13.30 hrs.	Lunch & Visit Exhibition Booth/Poster				
Breakout Session	Track 1 (Room 201)	Track 2 (Room 202)	Track 3 (Room 203)	Track 4 (Room MR 211-212-213)	
Session	Energy Policy and Planning	Electrical Systems Technology	Transportation and Alternative Fuels	Sustainable Energy and Green Technology	Thailand Energy Forum, organised by PTT group & The Nation
13.30-14.10 hrs. (Session 13)	Prospect of Using Oil&Gas in the next decade Mr. Tewin Wongwanich (PTT group)	Small Modules and Passive Nuclear Plants Dr.M.Hadid Subki (IAEA)	Green Freight and Logistic Mr.Friedel Sehleier (GIZ)	Greening Urbanization and Low Carbon Cities 1. Dr. Ram M.Shrestha (AIT) 2. Dr.Toshihiko Masui (NIES)	
14.10-14.50 hrs. (Session 14)	Renewable Energy Markets and Policies EU Commission	Small Modules and Passive Nuclear Plants CGNPC	Sustainable Low Carbon Transport Scenarios Dr.P.R.Shukla (IIMA)	3.Dr.Ho Chin Siong (University Technology Malaysia) 4.Moderator: Dr.Shobhakar Dhakal	
14.50-15.30 hrs.	Coffee Break & Visit Exhibition Booth/Poster				
15.30-16.10 hrs. (Session 15)	Regional Energy Security Infrastructure and Planning Dr. Weerawat Chantanakome (EAS)	Small Modules and Passive Nuclear Plants ANS	Towards Energy Efficient Two-Wheelers in ASEAN Dr.Horizon Walker Gitano-Briggs (GIZ)	Energy policy needs bottom-up approach for leapfrogging Dr.Shuzo Nishioka (IGES)	
16.10-16.50 hrs. (Session 16)	Finance &Technology Risk Mitigation Munich RE	Small Modules and Passive Nuclear Plants ANS	(OTP)	Wind Energy Technology and Markets SIEMENS	
16.50-17.30 hrs. (Session 17)	Energy International Law and case studies Thailand Arbitration Center (THAC)	Energy Storage Technology for Electricity System and Applications PEA	Electric, Plug-in Hybrid Vehicles and Infrastructure BMW	Demonstration of Energy, Water, and Resource Self Sufficiency of the Zero Carbon Resorts (ZCR) Cottage in the Philippines Charlton Materum (GrAT - Center for Appropriate Technology)	
17.30-18.10 hrs. (Session 18)	An Integrated Approach to Balance Thailand's Lopsided Fuel Mix Nishant Jain (Beroe Inc)	Demand Side Management and Energy Management in Industrial Sector	Rail System and Technology	Transit to Sustainable Energy Community Island Example HUA, Jian (National Taiwan Ocean University)	
	Solar PV for Tropical Regions; The most affordable and an appropriate power supply option Prof Ahmad Zahedi (James Cook University)	(EGAT)	Mr. Daniel Dunoye (ALSTOM)	Reducing Greenhouse gas emissions through Energy Efficiency and the application of Solar Thermal energy in Industrial Process Mohd Fauzi Ismail (SIRIM Berhad)	
18.10-18.50 hrs. (Session 19)	Energy Management and Asset Management for Utilities of Future Grids Nguyen Khanh Loc (DNV GL)	Still Water Electrical Generation in Cascading Application Chaganti Bhaskar (Sea Water Electricity)	Size-Segregated Particulate Matter and Polycyclic Aromatic Hydrocarbons profiles from biodiesel vehicles emission Pachara Wongprasert (Chulalongkorn University)	Diesel Prime Power Upgrades Using Waste Heat Recovery Rob Emrich (ElectraTherm)	
	Solar Finance in Asia Xia LI (Aon)	Development of numerical prediction model for Solar Hybrid Thermal and PV power generation Dr.Santosh K Deshmukh (Jain Irrigation Systems Ltd)	System Design of Electric Bicycle Performance and Solar PV Parking Ananchai Ukaew (Naresuan University)	Convert Wood Waste to Green Energy Rob Emrich (ElectraTherm)	
18.50-19.10 hrs (Session 20)		Investigation of heat transfer mechanism inside shell-and-tube latent heat thermal energy storage systems Saeid Seddegh (University of Tasmania)	Development of a Novel Hybrid AUV System for Pipeline Inspection in Gulf of Thailand Phakhachon Hoonsuwan (PTTEP and Faculty of Engineering Kasetsart University)		
19.10 onward	VIP Gala Night Dinner				

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Day 3	Friday 25 , March 2016				
09.00-10.30 hrs. (Plenary- Session 21)	Regional Energy Integration in ASEAN: How to achieve Integration? (Panel Discussion-Plenary @ Grand Hall Room) 1. Ir. Dr.Sanjayan Velautham (ASEAN Center for Energy /ACE),2. Dr.Chong Chi Nai (ADB),3. EPPO				
10.30 -11.10 hrs.	Coffee Break & Visit Exhibition Booth/Poster				
Breakout Session	Track 1 (Room 201)	Track 2 (Room 202)	Track 3 (Room 203)	Track 4 (Room MR 211-212-213)	
Session	Energy Policy and Planning	Electrical Systems Technology	Transportation and Alternative Fuels	Sustainable Energy and Green Technology	
11.10-11.50 hrs. (Session 22)	Energy Pricing, Subsidiaries and Regulations Datuk Ir.Ahmad Fauzi Bin Hasan (Suruhanjaya Tenaga)	Regional Hydropower Development H.E. Dr. Viraphonh VIRAVONG, Vice Minister of Energy and Mines of Laos	Trends in Conventional and Vehicle Technology Development and Energy Efficiency Mr.Vichai Jirathiyut (Thailand Automotive Institute)	Urban Energy System and Technology Dr.Jiang Kejun (NDRC)	
11.50-13.20 hrs.	Lunch & Visit Exhibition Booth/Poster				
13.20-14.10 hrs. (Session 23)	Institutional Arrangements and National Energy Governance Latham&Watkins	Energy Consumption and Efficiency Dr.Rashid Al Leem (SEWA)	Trends in Conventional and Vehicle Technology Development and Energy Efficiency Mercedes Benz	Urban Energy System and Technology Dr.Qi Ye (Tsinghua University)	
14.10-14.50 hrs. (Session 24)	Lesson from Regional Energy Integration in Europe and Challenge /Opportunity in South East Asia EU Commission	Economic Assessment of Clean Coal Technologies: The implication and benefits to Thailand Dr.Han Phoumin (ERIA)	Hydrogen and Fuel-cell Vehicles Toyota	Green Buildings and Infrastructure Prof. Dr.Surapong Chirarattananon (JGSEE)	Nuclear Workshop by Nuclear Society of Thailand and Chulalongkorn University (Room MR 222 - 223)
14.50-15.30 hrs.	Coffee Break & Visit Exhibition Booth				
15.30-16.10 hrs. (Session 25)	Opportunities and Barriers for Energy Policy Integrations- in ASEAN (ASEAN Center for Energy)	Energy Efficient in Coal-Fired Heat and Power Generation technologies SIEMENS	Design Principles of Flow-field Bipolar Plates for Hydrogen Fuel Cell Vehicles Dr.Sirivatch Shimpalee (USC)	Key Enabler for Sustainable Cities Pres.Ar. Sarly Adre Sarkum (MGBC)	
16.10-16.50 hrs. (Session 26)	The Outlook of Electricity Sector in ASEAN and Future Development of ASEAN Power Grid Dr.Yanfei Li (ERIA)	Energy Efficient in Gas-Fired Heat and Power Generation technologies Mr.Kazunari Fukui (GE Power & Water)	Bio-fuel Development for Transport Captain Dr.Samai Jai-In (RTN)	Green Buildings and Infrastructure SCG	
16.50-17.30 hrs. (Session 27)	Energy Policy and Planning TBC	Coal Gasification and Cogeneration Technology Mitsubishi-Hitachi	Bio-fuel Development for Transport TISTR	Community Energy Management Echonet	
17.30-18.10 hrs. (Session 28)	Thailand's Energy Scenarios for the next Decades Viriya Kaewpun (Electricity Generating Authority of Thailand) Views from Expert Groups on Criteria: A Case of AHP Application for LNG Cold Utilisation Phatthi Punyasukhananda (KMUTT)	Potential of Distributed Generation (DG) in Thailand and a Case Study of Very Small Power Producer (VSPP) Cogeneration Nicolas Leong (Wärtsilä Singapore Pte Ltd.)	Pricing and Tax Incentives for Transportation and Fuels	Long Term Implications of Foreign Investment in Power Generation of Pakistan Obaidur Rahman (Bureau of Statistics, Planning and Development Department, FATA Secretariat, Peshawar)	
18.10-18.50 hrs. (Session 29)	Biomass energy for distributed electricity generation within Southeast Asia Abraham Antony (GDF Suez Energy Asia Co., Ltd) Comparative Analysis of Biofuels and Electricity for Long Term Planning in Thailand Transport Sector Pradeep R. Jayatilaka (Sirindhorn International Institute of Technology, Thammasat University)	A Numerical Study of Flat Plate Solar Collector to Augment the Thermal Performance Mohammad Jane Alam Khan (Bangladesh University of Engineering and Technology) Reducing Uncertainties on Wind Farm Projects Bihag Mehta (OST Energy Pvt. Ltd)	1. Exise Dept 2. Dr.Yossapong Laonual (KMUTT) 3. Toyota Motor Thailand 4. BMW Thailand	A new methodology for in-situ thermal characterization of walls Emilio SASSINE (Lebanese University) Using Radiant Transfer Method for Calculating heat gain and cooling load for a bookstor building in Hot and Humid Area Hani Hussain Sait (King Abdulaziz University)	
18.50-19.20	Closing session (Prof. Dr.Tatchai Sumitra , Chair of SETA 2016)				