



IEEE PES GTD Grand International Conference and Exposition Asia 2019



# BIG SHIFT IN POWER & ENERGY



**CONFERENCE** | **EXPOSITION**  
 19-23 March 2019 | 21-23 March 2019  
**AT BITEC • BANGKOK • THAILAND**

- Local Host :
- Organisers :
- Supporting Utilities :
- Supporting Government Agencies :
- Supporting Associations :
- Supporting Industries : **Diamond :** **Platinum :** **Gold :**

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 Conference : 19-23 March 2019  
 at BITEC, Bangkok, Thailand



**IMPORTANT DATES :**

	<b>*Extended Date</b>
• Paper Submission Opens:	1 May 2018
• Paper Submission Closes:	18 November 2018*
• Paper Acceptance Notification:	14 December 2018*
• Deadline of Final Paper Submission:	30 December 2018
• Early Bird Registration Opens:	1 November 2018
• Early Bird Registration Closes:	15 January 2018

(All accepted papers will be published in the IEEE Xplore Digital Library)

Conference tracks include (but are not limited to)



- PG Asia: Shifting Trends in Power Generation Technologies**
- Strategic generation planning, electricity policies and regulations
  - Energy markets and business
  - Emerging power generation techniques and technologies
  - Power plant digitalization
  - Condition and power plant monitoring
  - Modern power plant management, operation and maintenance
  - Blackout prevention and self restoration of power systems
  - Environmental, operational and economic aspects of power generation



- T&D Asia: The Utility and Grid of the Future**
- Modern T&D Technologies, supergrid and frontiers of DC Technology
  - Smart substation, smart cities, smart buildings and homes
  - Protection and real-time monitoring and emergency control
  - Sensors, communication networks, advanced metering infrastructure, cyber and physical security
  - Asset management, implications and importance of aging infrastructure
  - Impacts of distributed generation, energy storage technologies, electric vehicle infrastructure and integration and microgrid
  - Infrastructure for rail electrification systems and their impacts
  - Big data utilization and analytics



- RE Asia: Integrated at the Beginning - Distributed Energy Resources**
- Electricity markets design and regulatory issues
  - New Trends and Technologies for Renewable energies system.
  - Renewable energy in smart cities, utilization of residential generation
  - Microgrid design, installation and automation
  - Energy storage for commercial renewable integration
  - Optimization and control techniques of hybrid renewable energy systems with energy storage
  - Power quality issues associated with PVs and wind generators
  - Operation and maintenance of renewable energy systems