

***Exploring Trends, Challenges and Opportunities:
Energy For Our Future Generations
(Tentative Rundown)***

Date and Time : 9th May, 2019, 09:00 to 17:00
Venue : TBC
Language : English or Chinese
Admission Fee : Free of Charge

Rundown

<i>Time</i>	<i>Programme (TBC)</i>
<i>0830 - 09:00</i>	<i>Registration</i>
<i>0900 -09:15</i>	<i>Welcome Remarks by Green Council</i>
<i>09:15 - 09:45</i>	<i>Opening Keynote Speech (1) Climate Change: Impacts and Responses Dr LEE Tsz-cheung, Acting Assistant Director, Hong Kong Observatory</i>
<i>09:45 - 10:15</i>	<i>(2) 低碳能源的發展 Speaker: 華潤集團</i>
<i>10:15 - 10:45</i>	<i>(3) Global & Hong Kong Clean Energy Challenges Mr. Henry Wang, International Adviser and Author; Member, SAOS Advisory Board, London University</i>
<i>10:45 - 11:15</i>	<i>Networking & Break</i>
<i>11:15 - 11:45</i>	<i>(4) Multi Energy Systems for Sustainable Cities in the Asia Pacific Mr. Peter Lundberg, Head of Operations, Asia Pacific Urban Energy Association</i>
<i>11:45 - 12:15</i>	<i>Panel Discussion and Q&A: What Should Be the Future of Energy for Combating Climate Change -- Predictions?</i>
<i>12:15 - 14:00</i>	<i>Lunch Break</i>
<i>14:00 – 14:30</i>	<i>(5) Government support for meeting 2030 carbon emission targets Speaker: Environment Protection Department, HKSAR Government</i>
<i>14:30 – 15:00</i>	<i>(6) Story and Roadmap in Reducing Carbon Emissions for Hong Kong Mr. T K Chiang, Managing Director, CLP Power Hong Kong Limited</i>
<i>15:00-15:30</i>	<i>Networking & Break</i>
<i>15:30 – 16:00</i>	<i>(7) Turning Waste into Energy Speaker: Keppel Seghers Hong Kong Limited</i>
<i>16:00 – 16:30</i>	<i>(8) Innovations for Reducing Greenhouse Gases Emissions Speaker: Hongkong Electric</i>
<i>16:30 – 17:00</i>	<i>Panel Discussion and Q&A: Prospects and Challenges for reducing greenhouse gas in Hong Kong</i>

Remarks:

*Speakers may modify the title of presentation.

*This material/event is funded by the Professional Services Advancement Support Scheme of the Government of the Hong Kong Special Administrative Region. Any opinions, findings, conclusions or recommendations expressed in this material/any event organised under this project do not reflect the views of the Government of the Hong Kong Special Administrative Region or the Vetting Committee of the Professional Services Advancement Support Scheme.

Training Workshop for Certified Professionals for Grid Connected Renewable-Energy Power Generation Systems

Background

A Feed-in-Tariff (FiT) Scheme was introduced by two power companies to promote renewable energy -- e.g. wind or solar energy – applications and facilities. New facilities will be implemented and connected to the main power grid. Because of the attractive rate of return, demand for renewable-energy power generation systems will increase quickly and dramatically.

Currently adequate and extensive technical workshop is limited in Hong Kong to cover the installation of such systems. Green Council will develop and organize a training workshop series to increase and sharpen the professional skills and knowledge of engineering servicing personnel and environmental consultants, including contractors and engineers needed and interested in becoming involved.

Objective

To enhance the capacity including technical knowledge and skills for the engineering professionals and environmental consultants who are or will become responsible for marketing, design, installation and/or management of RE power generation systems.

Target Candidates

Engineering Services professionals and environmental consultants who are or may become responsible for design and installation of RE power generation systems.

Duration

Part-time basis: evenings or Saturdays, subjected to the availability of instructors.

Estimated total duration: 10 workshops (3-hour per workshop)

Tentative Training Period: First round: May - June, 2019

Second round: November - December, 2019

Size of Workshop

Maximum: 40 candidates per lesson

Course Fee

Free of Charge

Certificate

There will be a written test after each lesson. Students who pass the test and attend all workshops will be presented with a certificate --- “Certified Professional for Grid Connected Renewable-Energy Power Generation Systems”

Training Workshop for Certified Professionals for Grid Connected Renewable-Energy Power Generation Systems (Tentative rundown)

First round: May - June, 2019 (15 hours)

Second round: November - December, 2019 (15 hours)

Contents of Workshop	Instructor	Number of Training Hours
1. Planning and Design of Renewable Energy Systems a. Assessment of solar energy and potential for customers b. FiT scheme application procedures and other key features and aspects	Representatives from CLP and HK Electric	3 hours
2. Electrical installation and Grid connection of Renewable Energy Systems a. Installation of RE systems and connection of grid b. Technical requirements and consideration of grid connection	Representatives from CLP and HK Electric	3 hours
3. Law and Regulations related to Photovoltaic (PV) installation including Buildings and Electricity requirements	Representatives from BD & EMSD of HKSAR government	3 hours
4. Procurement of Renewable Energy Solar PV Components and Materials a. Selection of materials and equipment b. Proper design and installation of a RE PV power system c. Demonstration d. Repair and maintenance	Hong Kong Baptist University	3 hours
5. Safety Working Practices a. PV power systems b. at height and at rooftops c. relevant safety regulations	Safety Consultant	3 hours
Total:		15 hours

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