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## Smart Grid Foundation Course

Date: 07 - 09 August 2018

Venue: CBIP Building, Malcha Marg, Chanakyapuri New Delhi

### Agenda

Session Time	Session Description	Speaker
<b>DAY – 1 (07 August 2018)</b>		
09.00 – 10.00	<b>Registration</b>	
	<b>Session-2: Introduction to Smart Grids</b>	
10:00-10:30	21 <sup>st</sup> Century Grids	<ul style="list-style-type: none"><li>Reji Kumar Pillai, President, ISGF</li></ul>
10:30-11:00	Introduction to Smart Grids	<ul style="list-style-type: none"><li>Pradeep Yemula, ISGF WG-1 Vice Chair</li></ul>
11.00 – 11.30	Smart Grid Maturity Model (SGMM)	<ul style="list-style-type: none"><li>Reji Kumar Pillai, President, ISGF</li></ul>
11:30-12:00	Tea/Coffee	
12.00 – 13.00	<b>Session-1: Inauguration</b>	<ul style="list-style-type: none"><li>AK Verma, JS MoP</li><li>Pankaj Batra, Chairman (Incharge),CEA</li><li>VK Kanjlia, Treasurer, ISGF</li><li>Praveen Saxena, CEO, Skill Council for Green</li><li>Reji Kumar Pillai, President, ISGF</li></ul>
13.00 – 14.00	<b>LUNCH</b>	
	<b>Session-3: SG Case Studies and Business Models</b>	
14.00 – 14.30	Smart Grid Scenarios in India (Technology, Policy & Regulatory Initiatives)	Atul Bali, Deputy General Manager,NSGM
14.30 – 15.00	Business Models (International and Indian Experience)	<ul style="list-style-type: none"><li>Rahul Tongia, Fellow, Brookings India</li></ul>

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15.00 – 15.30	Tea/ Coffee	
	<b>Session-4: Communications and AMI</b>	
15.30 – 16.30	Smart Grid Communications, Standards & Interoperability	<ul style="list-style-type: none"> <li>Ajoy Rajani, ISGF WG-2 Chair</li> </ul>
16.30 – 17.30	Smart Metering	<ul style="list-style-type: none"> <li>Sanjeev Rana, HoG - IT Infra &amp; Data Communication, TPDDL</li> </ul>
<b>DAY – 2 (08 August 2018)</b>		
	<b>Session-5: T&amp;D Automation</b>	
09.30 – 10.15	SCADA / EMS, Wide Area Monitoring	<ul style="list-style-type: none"> <li>Vijayan SR, ISGF WG-1 Vice Chair</li> </ul>
10.15 – 11.00	GIS - Mapping, Distribution Automation and Substation Automation, Self-Healing Grid	<ul style="list-style-type: none"> <li>Suhas Dhapare, ISGF Member, Ex Tata Power Mumbai</li> </ul>
11.00 – 11.30	Tea/ Coffee	
11.30 – 13.00	<b>Session-6: Digital Architecture &amp; Cyber Security for Smart Grids</b>	<ul style="list-style-type: none"> <li>Shailendra Fuloria, ISGF WG-3 Vice Chair</li> </ul>
13.00 – 14.00	LUNCH	
14.00 – 14.45	<b>Session-7: Modal Smart Grid Regulations</b>	<ul style="list-style-type: none"> <li>Abhishek Moza, Deputy Secretary DERC</li> </ul>
14.45 – 15.30	<b>Session-8: Time of Use (ToU) Tariff</b>	<ul style="list-style-type: none"> <li>Abhishek Moza, Deputy Secretary DERC</li> </ul>
15.30 – 16.00	Tea/Coffee	
16.00 – 17.00	<b>Session-9: Enterprise IT Systems</b>	<ul style="list-style-type: none"> <li>Amir Hussain Khan, Cyber Security Professional</li> </ul>
17.00 – 17.45	<b>Session-10: Smart Consumers and Behavioral Models of Smart Grid Consumers</b>	<ul style="list-style-type: none"> <li>Rahul Tongia Fellow, Brookings India</li> </ul>
<b>DAY – 3 (09 August 2018)</b>		

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09.30 – 10.30	<b>Session-11: VER &amp; DER – Integration Challenges, DERMS and other Flexibility Solutions</b>	<ul style="list-style-type: none"><li>Rahul Walawalkar, President &amp; MD, IESA</li></ul>
10.30 – 11.00	Tea/Coffee	
11.00 – 11.45	<b>Session-12: Energy Storage, Demand Response other emerging technologies</b>	<ul style="list-style-type: none"><li>Rahul Walawalkar, President &amp; MD, IESA</li></ul>
11:45 – 12.30	<b>Session 13: Advanced Analytics</b>	<ul style="list-style-type: none"><li>Anant Venkateswaran, Director, ISGF Master Classes</li></ul>
12:30- 12:45	<b>Session14: Blockchain for Energy Sector</b>	<ul style="list-style-type: none"><li>Reena Suri, GM, ISGF</li></ul>
12.45 – 13.15	<b>Session 15: Smart Grid as Anchor Infrastructure for Smart Cities; Smart Buildings and Smart Microgrids</b>	<ul style="list-style-type: none"><li>Reji Kumar Pillai, President, ISGF</li></ul>
13.00 – 14.00	<b>LUNCH</b>	
14.00 – 15.00	<b>Session-16: Renewable Energy Integration</b>	<ul style="list-style-type: none"><li>Ghanshyam Prasad, Chief Engineer, MoP</li></ul>
15.00 – 15.45	<b>Session-17: Electric Vehicles and Vehicle Grid Integration</b>	<ul style="list-style-type: none"><li>Sajid Mubashir, Scientist-G, DST</li></ul>
15.45 – 16.00	Tea/Coffee	
16.00 – 17.00	Open House - Participants Presentations/Feedback, Q&A	<ul style="list-style-type: none"><li>Reji Kumar Pillai, President, ISGF</li><li>Reena Suri, GM, ISGF</li></ul>
17.00 – 17.30	Valedictory Session & Presentation of Certificates:	<ul style="list-style-type: none"><li>Vishal Kapoor, Director, MoP</li></ul>