# Agenda

## DAY – 1 (07 August 2018)

<table>
<thead>
<tr>
<th>Session Time</th>
<th>Session Description</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>09.00 – 10.00</td>
<td>Registration</td>
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<tr>
<td>10:00-10:30</td>
<td>Session-2: Introduction to Smart Grids</td>
<td>Reji Kumar Pillai, President, ISGF</td>
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<tr>
<td>10:30-11:00</td>
<td>21st Century Grids</td>
<td>Pradeep Yemula, ISGF WG-1 Vice Chair</td>
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<tr>
<td>11.00 – 11.30</td>
<td>Introduction to Smart Grids</td>
<td>Reji Kumar Pillai, President, ISGF</td>
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<tr>
<td>11:30-12:00</td>
<td>Tea/Coffee</td>
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<tr>
<td>12.00 – 13.00</td>
<td>Session-1: Inauguration</td>
<td>AK Verma, JS MoP</td>
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<td>Pankaj Batra, Chairman (Incharge), CEA</td>
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<td>VK Kanjlia, Treasurer, ISGF</td>
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<td>Praveen Saxena, CEO, Skill Council for Green</td>
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<td>Reji Kumar Pillai, President, ISGF</td>
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<tr>
<td>13.00 – 14.00</td>
<td>LUNCH</td>
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<tr>
<td>14.00 – 14.30</td>
<td>Session-3: SG Case Studies and Business Models</td>
<td>Atul Bali, Deputy General Manager, NSGM</td>
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<tr>
<td>14.30 – 15.00</td>
<td>Smart Grid Scenarios in India (Technology, Policy &amp; Regulatory Initiatives)</td>
<td>Rahul Tongia, Fellow, Brookings India</td>
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<tr>
<td></td>
<td>Business Models (International and Indian Experience)</td>
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</tbody>
</table>
# Smart Grid Foundation Course

**Date:** 07 - 09 August 2018  
**Venue:** CBIP Building, Malcha Marg, Chanakyapuri New Delhi

## Agenda

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15.00 – 15.30</td>
<td>Tea/ Coffee</td>
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<tr>
<td>15.30 – 16.30</td>
<td><strong>Session-4: Communications and AMI</strong></td>
<td>• Ajoy Rajani, ISGF WG-2 Chair</td>
</tr>
<tr>
<td>16.30 – 17.30</td>
<td>Smart Metering</td>
<td>• Sanjeev Rana, HoG - IT Infra &amp; Data Communication, TPDDL</td>
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<tr>
<td>15.00 – 16.30</td>
<td><strong>Session-4: Communications and AMI</strong></td>
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<tr>
<td>16.30 – 17.30</td>
<td>Smart Metering</td>
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<tr>
<td>09.30 – 10.15</td>
<td><strong>Session-5: T&amp;D Automation</strong></td>
<td>• Vijayan SR, ISGF WG-1 Vice Chair</td>
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<tr>
<td>10.15 – 11.00</td>
<td>SCADA / EMS, Wide Area Monitoring</td>
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<tr>
<td>11.00 – 11.30</td>
<td>Tea/ Coffee</td>
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<tr>
<td>11.30 – 13.00</td>
<td><strong>Session-6: Digital Architecture &amp; Cyber Security for Smart Grids</strong></td>
<td>• Shailendra Fuloria, ISGF WG-3 Vice Chair</td>
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<tr>
<td>13.00 – 14.00</td>
<td>LUNCH</td>
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<tr>
<td>14.00 – 14.45</td>
<td><strong>Session-7: Modal Smart Grid Regulations</strong></td>
<td>• Abhishek Moza, Deputy Secretary DERC</td>
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<tr>
<td>14.45 – 15.30</td>
<td><strong>Session-8: Time of Use (ToU) Tariff</strong></td>
<td>• Abhishek Moza, Deputy Secretary DERC</td>
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<td>15.30 – 16.00</td>
<td>Tea/Coffee</td>
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<tr>
<td>16.00 – 17.00</td>
<td><strong>Session-9: Enterprise IT Systems</strong></td>
<td>• Amir Hussain Khan, Cyber Security Professional</td>
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<tr>
<td>17.00 – 17.45</td>
<td><strong>Session-10: Smart Consumers and Behavioral Models of Smart Grid Consumers</strong></td>
<td>• Rahul Tongia, Fellow, Brookings India</td>
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**DAY – 2 (08 August 2018)**

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<td>SCADA / EMS, Wide Area Monitoring</td>
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<tr>
<td>10.15 – 11.00</td>
<td>GIS - Mapping, Distribution Automation and Substation Automation, Self-Healing Grid</td>
<td>• Suhas Dhapare, ISGF Member, Ex Tata Power Mumbai</td>
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<tr>
<td>11.00 – 11.30</td>
<td>Tea/ Coffee</td>
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<tr>
<td>11.30 – 13.00</td>
<td><strong>Session-6: Digital Architecture &amp; Cyber Security for Smart Grids</strong></td>
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<tr>
<td>14.00 – 14.45</td>
<td><strong>Session-7: Modal Smart Grid Regulations</strong></td>
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<td><strong>Session-9: Enterprise IT Systems</strong></td>
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<td><strong>Session-10: Smart Consumers and Behavioral Models of Smart Grid Consumers</strong></td>
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**DAY – 3 (09 August 2018)**

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**Smart Grid Foundation Course**  
**Date:** 07 - 09 August 2018  
**Venue:** CBIP Building, Malcha Marg, Chanakyapuri New Delhi

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<tr>
<td>09.30 – 10.30</td>
<td>Session-11: VER &amp; DER – Integration Challenges, DERMS and other Flexibility Solutions</td>
<td>Rahul Walawalkar, President &amp; MD, IESA</td>
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<td>10.30 – 11.00</td>
<td>Tea/Coffee</td>
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<tr>
<td>11.00 – 11.45</td>
<td>Session-12: Energy Storage, Demand Response other emerging technologies</td>
<td>Rahul Walawalkar, President &amp; MD, IESA</td>
</tr>
<tr>
<td>11.45 – 12.30</td>
<td>Session 13: Advanced Analytics</td>
<td>Anant Venkateswaran, Director, ISGF Master Classes</td>
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<tr>
<td>12:30- 12:45</td>
<td>Session14: Blockchain for Energy Sector</td>
<td>Reena Suri, GM, ISGF</td>
</tr>
<tr>
<td>12.45 – 13.15</td>
<td>Session 15: Smart Grid as Anchor Infrastructure for Smart Cities; Smart Buildings and Smart Microgrids</td>
<td>Reji Kumar Pillai, President, ISGF</td>
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<tr>
<td>13.00 – 14.00</td>
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<td>14.00 – 15.00</td>
<td>Session-16: Renewable Energy Integration</td>
<td>Ghanshyam Prasad, Chief Engineer, MoP</td>
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<tr>
<td>15.00 – 15.45</td>
<td>Session-17: Electric Vehicles and Vehicle Grid Integration</td>
<td>Sajid Mubashir, Scientist-G, DST</td>
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<tr>
<td>15.45 – 16.00</td>
<td>Tea/Coffee</td>
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<tr>
<td>16.00 – 17.00</td>
<td>Open House - Participants Presentations/Feedback, Q&amp;A</td>
<td>Reji Kumar Pillai, President, ISGF, Reena Suri, GM, ISGF</td>
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<tr>
<td>17.00 – 17.30</td>
<td>Valedictory Session &amp; Presentation of Certificates:</td>
<td>Vishal Kapoor, Director, MoP</td>
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