

APPENDIX- G

SMART CITY GAS DISTRIBUTION

 India Smart Grid Forum			
Organizer	Supporting Organization	Member	Host

Regency 3, The Lalit Hotel, New Delhi  
05 MARCH 2020, 12:00 TO 17:30

AGENDA

12:00~12:30	INAUGURAL SESSION
	<p><b>Welcome Address: ISGF</b>  <b>Special Address:</b>  <b>1. Manjeet Singh</b>, Sr VP, IGL  <b>2. Ravi Agarwal</b>, Executive Director, (Marketing-JV), GAIL  <b>Inaugural Address: Satpal Garg</b>, Member, PNGRB*  <b>Vote of Thanks: ISGF</b></p>
12:30~13:30	SESSION 1: NEW TECHNOLOGIES, INNOVATIONS AND TRENDS IN CITY GAS DISTRIBUTION
	<p><b>Background</b>          The 100 smart cities program in India has brought focus on upgrading the water infrastructure and city gas distribution along with efforts for making the grid smarter besides several other infrastructure upgrades to smarter systems and e-governance. However, lack of effective policy and regulations both at the central and state level along with inadequate safety guidelines, standards, business models act as barriers for its growth. The automation and IT systems and the last mile connectivity solutions for building a smart electricity grid can be leveraged for automating the water and gas distribution systems at marginal cost. Similarly, the billing and collection systems of the electric utility can be leveraged to provide a single bill for all 3 services – electricity, water and gas. This will not only enhance convenience of the customer who has to pay only one bill but will also reduce the cost of business operations for the gas and water utilities. From this perspective, ISGF feels there is a compelling business case to bring water and gas utilities to the smart grid forum and explore the collaborative business. There are many common issues that all water gas and electrical utilities are facing with municipal authorities and regulatory bodies which again can be effectively addressed jointly. On the technology and business process side as well, there are many things electricity, gas and water utilities can learn from each other.</p> <p><b>Key Topics</b></p> <ol style="list-style-type: none"> <li>1. SCADA and GIS</li> <li>2. Digitalization: Smart Metering, Meter Data Management, Analytics and Dash Boards, IT and OT Convergence</li> <li>3. Cyber Security</li> <li>4. Fast Filling Dispensers, Modular and Mobile CNG Stations</li> </ol> <p><b>Chair: Raman Srivastava</b>, Chief General Manager, IGL</p>

	<p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>Sushil Kumar</b>, Deputy General Manager, GAIL</li> <li>2. <b>Vinay Dixit</b>, National Manager, Itron</li> <li>3. <b>Dharmendra Tomar</b>, Dy. General Manager, Tata Communications</li> <li>4. <b>Balu Ramaswamy</b>, Director, Oracle Utilities</li> <li>5. <b>Nikhil Chaturvedi</b>, Vice-President, Industrial Engineering, SAP, Tokyo</li> </ol>
13:30~14:30	<b>NETWORKING LUNCH</b>
14:30~15:30	<b>SESSION 2: CUSTOMER PERSPECTIVES: CURRENT REQUIREMENTS AND KEY ISSUES</b>
	<p><b>Key Topics</b></p> <ol style="list-style-type: none"> <li>1. What are the current requirements of the key consuming segments?</li> <li>2. How are the requirements being met? What are the gas sourcing strategies?</li> <li>3. What are the key issues and challenges?</li> <li>4. New initiatives for customer delight</li> </ol> <p><b>Chair: Rajiv Sikka</b>, CEO, Indian Oil Adani*</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>Jiledar</b>, Consultant, PNGRB and former Managing Director, Green Gas Limited</li> <li>2. <b>PK Pandey</b>, Vice President, IGL</li> <li>3. <b>Sandep Trehan</b>, Founder and President, Think Gas</li> <li>4. <b>Anshumali Bhushan</b>, Co-Founder &amp; Director, Genesis</li> <li>5. <b>Tarun Katiyar</b>, General Manager, TPDDL</li> </ol>
15:30~16:00	<b>TEA/COFFEE BREAK</b>
15:30~17:00	<b>SESSION 3: REGULATORY PERSPECTIVES AND EMERGING TRENDS AND NEW OPPORTUNITIES IN NATURAL GAS VEHICLES</b>
	<p><b>Chair: Vipin Chittoda</b>, Convener, Natural Gas Society</p> <p><b>Part 1: REGULATORY PERSPECTIVES</b></p> <p><b>Key Topics</b></p> <ol style="list-style-type: none"> <li>1. What are the recent regulatory developments?</li> <li>2. What will be the impact of these developments on the gas industry?</li> <li>3. What are the key unaddressed regulatory issues and concerns?</li> </ol> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>SK Pathak</b>, Managing Director, Rajasthan State Gas Ltd</li> <li>2. <b>SC Sharma</b>, Former Advisor Energy, NITI Aayog</li> <li>3. <b>Amit Mathur</b>, Additional General Manager, IGL</li> </ol> <p><b>Part 2: EMERGING TRENDS AND NEW OPPORTUNITIES IN NATURAL GAS VEHICLES</b></p> <p><b>Key Topics</b></p> <ol style="list-style-type: none"> <li>1. What are the emerging trends and developments in the natural Gas Vehicle Market?</li> <li>2. What are the technologies/ Equipment options being deployed? What has been the experience so far?</li> <li>3. What are the key challenges and issues?</li> </ol> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>Ranjan Dwivedi</b>, Managing Director, Central UP Gas Ltd.</li> <li>2. <b>Piyush Tripathi</b>, Senior Vice President, Adani Gas</li> <li>3. <b>Ashish Chutani</b>, Dept Head- Government and Policy Affairs, Maruti Suzuki India Ltd*</li> <li>4. <b>Amitabh Ranjan</b>, DGM, GAIL*</li> <li>5. <b>KK Gandhi</b>, Advisor, TVS*</li> <li>6. <b>PK Banerjee</b>, ED, SIAM*</li> <li>7. <b>Raghav Mathur</b>, Lead Energy Specialist, ICF</li> </ol>