

# SCALING IOT IMPLEMENTATIONS AND THE ROLE OF LoRaWAN®

LoRaWAN® Live!  
New Delhi, India  
October 17, 2019

## PANELIST: SUSHIL KUMAR



General Manager  
GAIL

With a B. Tech and M.B.A **Sushil Kumar** has more than 25 years of experience in the field of Natural Gas Industry which includes operation and maintenance of Natural Pipelines, City Gas Distribution. He is well known for his expertise in CGD Automation, Gas Metering and Control of un-accounted gas loss in entire CGD sector. He is on the Board of ISGF as General Secretary and Vice President of International Society of Automation (ISA), Delhi Chapter.

IGL is rolling out its prepaid smart gas metering system that will enable its customers to monitor their gas use more accurately in real-time against available credit and pave the way for greater operational efficiency for IGL.

## PANELIST: KHUSH BAKERI



Managing Partner  
Suveg Electronics

Mr. Khush Bakeri is the Managing Partner of Suveg Electronics, a Smart Lighting designing & manufacturing firm. He is responsible for Overall Strategy, Execution & New Business Development.

Mr. Bakeri has completed his MBA from Dusseldorf, Germany and is driving application oriented marketing as well as commercial and technical partnerships focusing on building smart lighting technologies in Smart Cities.

**PANELIST: N P PADHY**

**Dr. Padhy's** interests lie in Power System Engineering, Transmission and Distribution System Analysis, Energy Market, Network Pricing and AC-DC Smart Grid, and has supervised several P.HDs in this field. Contributing to the intellect of learners, Prof. Padhy has authored books on Soft Computing, Power Systems and Artificial Intelligence.

He is a Senior member of Power and Energy Society, IEEE (USA) and a fellow member at IET (UK).

**Professor**  
IIT Roorkee and  
Smart City Consultant

## MODERATOR: PRAVEEN ARORA



### Vice President

Operations and Technology, IoT  
Tata Communications

**Praveen** heads operations and new technological developments and partnerships for the IoT business in India. He has over 22 years of experience in supporting businesses on strategy and execution of large, high impact business transformation projects covering; Innovation, Industry X.0, IoT and Digital Thread & Twin across multiple industries.

Oversees IoT implementations in smart gas metering and smart street lighting in Tata Communications, including IGL and Noida Authority

## PANEL DISCUSSION

# CONSIDERATIONS, CHALLENGES AND BENEFITS OF IMPLEMENTING IOT ON LORAWAN



**Praveen Arora**  
Moderator  
Tata Communications



**Sushil Kumar**  
Panelist  
IGL, GAIL



**Khush Bakeri**  
Panelist  
Suveg Electronics



**N P Padhy**  
Panelist  
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## PANELIST: R P SINGH



Project Manager  
Noida Authority

Noida Authority has lit up its streets with 74000 smart street lights. This enables savings of around 60% on power bills that Noida Authority currently pays to Uttar Pradesh Power Corporation Limited.

The solution will facilitate Noida Authority to minimise energy wastage through remote management and control of street lights.

Mr. R.P. Singh was the project manager for this large scale, first of its kind project in India.



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