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Middle East NGV Summit

8 - 10 SEPTEMBER 2014 | ABU DHABI, U.A.E.

ESTEEMED SPEAKER PANEL

KEYNOTE ADDRESS:

Hesham Ali Mostafa

Sr. Director, Gas Marketing, ENOC Group & General Manager
Emirates Gas LLC

Aamir Naseem, Board Member (Gas), **Oil & Gas Regulatory Authority, Pakistan**

Mark Vidler, Retail & Marketing Manager
Qatar Fuel "WOQOD", Qatar

Wang Cheng, Director, **Policies & NGV Research, Center for Automobile Research & Technology (CATARAC), China**

Fazal Ali Khan, CNG Development Manager
Emirates Gas LLC (ENOC Group), U.A.E

Eng. Mahir Al Sayed Ali, Abu Dhabi technical Services Centre Manager,
Emirates Transport, U.A.E

Salah Essa Musallam, NG Sales & Customer Services Department Manager,
ADNOC Distribution, U.A.E

Carl Wagner, Sr. Consultant, **Competence Center Alternative Fuels, TUV Rheinland, Germany**

Taufiq Tai, Operation Expert, Dubai Taxi Corporation
Roads & Transport Authority (RTA), U.A.E

Lalit Mistry, City Manager
Gas, Gujarat State Petroleum Corporation (GSPC), India

Prabhakar Mishra, Chief Manager
Green Gas Limited, India

Robbi Sukardi, Chairman
Indonesian CNG Association, Indonesia

Samer Mawas, Regional Marketing Manager
Al Hamra Taxi, RAK Transport

HONOURABLE ADVISORY BOARD

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Energy Analyst
Transport Division, International Energy Agency (IEA), France

Dr. Mohsen Assadi

Managing Director
Center for Sustainable Energy Solutions (cenSE), Norway

Fazal Ali Khan

CNG Development Manager
Emirates Gas LLC (ENOC Group), U.A.E

Gilbert van Schoonhoven van Beurden

NGV Expert
ADNOC - Distribution, U.A.E

Eng. Mahir Al Sayed Ali

Abu Dhabi technical Services Centre Manager
Emirates Transport, U.A.E

Mujahid Abdullah

Funding Specialist
Abu Dhabi Department of Transport, U.A.E

Taufiq Tai

Operation Expert
Dubai Taxi Corporation, Roads & Transport Authority (RTA), U.A.E

Lalit Mistry

City Manager
Gas, Gujarat State Petroleum Corporation (GSPC), India

WORKSHOP LEADER

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ABOUT THE SUMMIT

- The Middle East NGV summit will bring together a plethora of distinguished and esteemed individuals from the NGV industry across the Middle East as well as other regions from the globe under the theme, "Strategies, Policies & Technologies".
- As Middle East gets ready to move towards cleaner source of fuel, this summit will provide the platform needed to come together and discuss as to how can this common goal be achieved.
- In this event we will have distinguished speakers from organisations across the Globe & the Middle East discussing the needed strategies. As NGV industry needs the drive from government agencies, we will also have policy makers talking about their plans and how they plan to encourage the NGV industry in the region. Technology being one of the important factors will be addressed with presentations on the latest in technologies for fuelling and conversions.

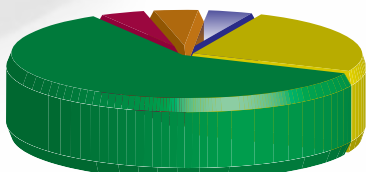
WHY SHOULD YOU ATTEND?

- Find out more about Natural Gas Vehicles and why is the Middle East taking it seriously
- International speakers from Key organisations bringing in the international expertise and point of view
- Hear & meet the policy makers who will be driving the NGV growth in the Middle East
- Find out for yourself if this is the right time to enter and invest in the NGV market

WHY ABU DHABI?

- The United Arab Emirates (UAE) is the most developed NGV market in the GCC. Leading by example they have been implementing and promoting Natural Gas run vehicles and have successfully converted a large section of their public transport into NGVs. Abu Dhabi with its easy access and global recognition is an ideal location to hold the summit.
- The Emirate of Abu Dhabi has the highest number of CNG filling stations in the entire GCC. Currently the count stands at 21 with 9 more to open by the end of 2014.
- ADNOC-Gasco is completing a CNG project which will ensure consistent supply of Natural Gas to meet transportation needs. This project will be executed along with ADNOC-Distribution.
- More than 2600 vehicles converted to CNG in the emirate of Abu Dhabi out of which more than 95% are government vehicles from different entities.
- Ministry of Environment, UAE as a part of phase 1 of its project to switch the ministry cars to CNG vehicles introduced 21 cars in November 13 in co-operation with Emirates Transport (ET).

COMPANIES	DEPARTMENTS	JOB TITLES
National Oil & Gas Companies / International Oil & Gas Companies	CNG/NGV	CEO
Energy/Oil & Gas/Transportation/ Environment Ministries	Natural Gas-Distribution	CEO
Municipalities	Petroleum Products	Directors
Gas Distribution Companies	Technical Services	Project Managers
Filling Stations	Regulations	Sales Managers
Auto mobile Manufacturer	Operations	Vice Presidents
Compression Cylinder Manufacturers	Maintenance	Strategy & Business Development Managers
CNG kit Manufacturers	Urban Planning	Marketing Managers
NGV Consultants	Clean Energy	DirectorsEngineersManagers
NGV standards certification bodies	Sustainable Transportation	Design Managers/Engineers
Regulatory Authorities	Downstream	CNG Managers
Flying Institutes	Marketing	Advisors
Aviation Companies	Business Development	Energy Experts
Airlines	Fleet Operations	Consultants
	Public Transportation	Specialists
	Alternative Fuels	Heads



- UAE
- MENA
- APAC
- Europe
- Americas

REGIONAL FOCUS



DAY 1 8 SEPTEMBER 2014

8.00 REGISTRATION AND COFFEE

8.50 WELCOME ADDRESS BY FLEMING GULF

8.55 OPENING REMARKS FROM THE CHAIRMAN

9.00 KEYNOTE ADDRESS

Hesham Ali Mostafa, Sr. Director
Gas Marketing, ENOC Group & General Manager, Emirates Gas LLC.

9.15 KEYNOTE ADDRESS

**Invited Roads & Transport Authority (RTA), U.A.E*

9.30 NGVs- Not an option but a Preferred Choice

- Identifying the challenges in using gasoline & diesel as the preferred choice of fuel
- Understanding the advantages: Technical, Safety and Commercial
- Highlighting the success of NGV across the globe

Fazal Ali Khan, CNG Development Manager
Emirates Gas LLC (ENOC Group), U.A.E

10.00 Dimensions & Directions of NGV Industry in UAE

- Highlighting UAE's leadership in establishing a successful NGV infrastructure
- Understanding the parameters to gauge the effectiveness of the project
- Focussing on the key challenges and the way ahead for the project

Taufiq Tai, Operation Expert, Dubai Taxi Corporation
Roads & Transport Authority (RTA), U.A.E

10.30 TEA/COFFEE BREAK

11.00 Regulations & Policies driving the NGV industry

- Aligning the role of NGVs with national Goals such as energy security, reducing the carbon emission rates
- Formulating the policies that help drive the growth of NGVs
- Devising incentive schemes to promote NGV conversions

11.30 Building the Brand NGV – Improving the Awareness In the Commercial & Consumer Markets

- Communicating the benefits effectively to the end user & fleet operators
- Increasing the visibility of NGV to increase awareness
- Spotlight on Health, Safety & Environmental benefits

Pankaj Mathur, Director (Commercial)
Green Gas Ltd., India.

12.00 Developing an NGV Infrastructure – in line with future needs

- Building an infrastructure and commissioning an NGV fleet in parallel
- Driving factors & hurdles in establishing the infrastructure
- Ensuring the model is scalable and keeps up with the increase in NGVs

Robbi Sukardi, Chairman
Indonesian CNG Association, Indonesia

12.30 CASE STUDY - Emirates Transport Case Study

- Learning from the award winning conversion project.
- Understanding the further initiatives to enhance responsible practices towards environment and energy efficiency

- Benefits of the converting to NGVs

Eng. Mahir Al Sayed Ali, Abu Dhabi technical Services Centre Manager, Emirates Transport, U.A.E

13.00 LUNCHEON

14.00 CASE STUDY - Highs & Lows of NGVs in Pakistan

- Challenges faced by Pakistan with regards to Natural Gas Vehicles & CNG projects
- OGRA's role in formulating the safety & standards with regards to CNG conversion in Pakistan
- The future of Natural gas Vehicles in Pakistan

Aamir Naseem, Board Member (Gas)
Oil & Gas Regulatory Authority, Pakistan

14.45 Integrated Gas Distribution Network for an effective NGV infrastructure

- Developing a robust Gas Distribution network to meet the energy needs
- Prioritising the distribution across various consuming sectors to ensure a fair and sufficient supply to all
- Considering the demand assessment and substantial ROI for the Gas Distribution business.

Lalit Mistry, City Manager – Gas
Gujarat State Petroleum Corporation (GSPC), India

15.15 PANEL DISCUSSION: Connecting and collaborating- NGV market development in Middle East

- Laying out the roadmap for NGV penetration and development
- Understanding the importance of stakeholder collaborations and partnerships
- Technology transfer and funding mechanisms
- Highlighting various challenges and the way forward

PANELLISTS:

Fazal Ali Khan, CNG Development Manager
Emirates Gas LLC (ENOC Group), U.A.E

Taufiq Tai, Operation Expert, Dubai Taxi Corporation, Roads & Transport Authority (RTA), U.A.E

16.00 CLOSING REMARKS FROM THE CHAIRMAN

16.50 NETWORKING RECEPTION



DAY 2 9 SEPTEMBER 2014

8.00 REGISTRATION AND COFFEE

8.55 OPENING REMARKS FROM THE CHAIRMAN

9.00 KEYNOTE ADDRESS

**Invited: ADNOC-Distribution, U.A.E*

9.30 CASE STUDY – ADNOC-Distribution CNG project for better supply of CNG for transportation needs



- Abu Dhabi National Oil Company (ADNOC) embarked on an initiative to provide a Natural Gas Distribution Network aimed at providing an environmentally clean and efficient solution to the domestic and industrial customers.
- The prime objective of this initiative is to supply Compressed Natural Gas (CNG) for vehicles through filling Stations in the Emirates of Abu Dhabi and Sharjah

Salah Essa Musallam, NG Sales & Customer Services Department Manager, **ADNOC-Distribution**

10.00 Safety & Standards – Ensuring the best

- Assuring standardising of equipments & fuel systems used in NGV
- Bringing the plethora of regulations issued by various departments under a co-ordinated role
- Considering the safety measures while refuelling.

Carl Wagner, Sr. Consultant, **Competence Center Alternative Fuels, TUV Rheinland, Germany**

10.30 COFFEE BREAK



11.00 CASE STUDY - Rapid Development of NGVs in China



- Highlighting the growth through long-term market tracking
- Sharing the investigation result of NGV usage from major cities in China
- Elaborating on the public-private partnership

Wang Cheng, Director, **Policies & NGV Research, Center for Automobile Research & Technology (CATARAC), China**

11.30 Technology Track – Dual Conversion (Natural Gas/Diesel)

- Identifying the advantages of dual fuel engines
- Analysing the engine performance and emission of a dual fuel engine
- Comparing Retrofitted Gasoline engines with Company fitted ones

12.00 Dedicated Fuel System (Natural Gas)

- Harnessing the associated gas and reducing the need for flaring.
- Developing Dedicated fuel systems to help respond faster to transient loads
- Updating with latest happening in the dedicated fuel technology

12.30 Investment Plan for NGV fleets used in Public Transportation

- Laying out the investment phases for the plan
- Devising the guidelines to ensure that the plan sticks to its deadlines
- Investing in the right technologies and minimising the overhead costs

Samer Mawas, Regional Marketing Manager
Al Hamra Taxi, RAK Transport

13.00 LUNCH



14.00 TYPE IV CNG Cylinders – Low cost, innovative and safe.

- Shedding light on composite cylinders and why are they so popular
- Selecting the right material to help reduce the costs
- Combining innovation with safety and quality

14.30 CNG Fuel Station – Designing an Efficient CNG Fuel Station

- Designing and developing a low-cost refuelling station which is comparable in cost & performance to the conventional refuelling stations
- Strategically designing the fuel station with regards to the geography
- CNG fuelling best practices

Prabhakar Mishra, Chief Manager
Green Gas Limited, India

15.00 FOCUS TOPIC: CNG in Aviation – Helping the Skies Go Green & Affordable

- Bringing to reality the concept of using Natural Gas as fuel for general aviation
- Producing the right mix of Natural-gas and traditional fuel
- Listing the positive impact this would have on the aviation industry

15.30 TEA/COFFEE BREAK



16.00 PANEL DISCUSSION – Efficient new technologies for CNG storage



- Latest technology with regards to storage of CNG.
- Natural Gas storage at comparable or lower weight and smaller size than conventional compressed gas tanks

PANELLISTS:

Pankaj Mathur, Director (Commerical), **Green Gas Ltd., India**
Wang Cheng, Director, **Policies & NGV Research, Center for Automobile Research & Technology (CATARAC), China**
Robbi Sukardi, Chairman, **Indonesian CNG Association, Indonesia**

16.45 CLOSING REMARKS BY THE CHAIRMAN

16.50 END OF DAY 2



WORKSHOPS

9.30 WORKSHOP 1

Local regulations based on International standards for NGV



Regulations made and implemented by the government bodies need to be compared with international standards to ensure that the equipments and technology being used is at par with international standards. This will help international players in technology and infrastructure to enter the Middle Eastern markets in an easier manner

Who Should Attend :-

- Policy makers from government bodies
- Fleet managers & Fleet owners who ensure and implement standards within the fleet

14.00 WORKSHOP 2

CNG Station Operation and Maintenance Training

CNG station maintenance is vital to the safe and optimal operation of the vehicles that fuel there. Two of the most critical performance issues for natural gas vehicles are oil carry over and water in the natural gas stream. Proper maintenance of the CNG station will help ensure neither of these problems exists, preventing user complaints and potential risk of engine damage

Who Should Attend :-

- Fleet managers/supervisors responsible for CNG stations
- Fleet management procedures specialists
- CNG fuelling station owners who contract maintenance to a third party
- CNG fuelling station maintenance technicians

12.30 LUNCHEON



Event Info: ☎ + 971 4609 1570 | 📠 + 971 4609 1589

✉ tanaya.priya@fleminggulf.com | 🌐 www.fleminggulf.com



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Emirates Gas LLC (EMGAS) Subsidiary of the ENOC Group

Emirates Gas LLC (EMGAS) - a subsidiary of the ENOC Group and owned by the Government of Dubai, is the leading supplier of LP Gas products in the UAE since 1974. With the largest distribution network and fleet of modern tankers, EMGAS is the preferred choice of customers for its safe products and prompt services. EMGAS is an ISO Certified Company for 9001 (QMS), 14001 (EMS), 18001 (OSHAS) and 10002 (Customer Care). EMGAS is the proud recipient of 2012 cycle Dubai Quality Award & CSR label in 2011, 2012 & 2013. EMGAS is awarded Environmental Performance Certification (EPC) by the Ministry of Environment & Water, Federal Government of UAE in 2010 for Jebel Ali Plant, in 2011 for Umm Al Quwain Plant and in 2012 for Ajman Plant. EMGAS won the First place at Dubai Award for Sustainable Transport (DAST) in "Transport Safety Category" in 4th Edition and the First place in "Environment Protection Category" in 5th Edition. EMGAS has also been voted as a Superbrand for 2014. EMGAS offers diversified portfolio of products (e.g. LP Gas, Propane, Cutting Edge Gas, CoolGas, Pro-Power, Aerosol Propellant, R290 & CNG) which caters to various specialized applications. For more information, please visit: emiratesgas.com

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Asia Pacific Natural Gas Vehicles Association (ANGVA)

The Asia Pacific Natural Gas Vehicles Association (ANGVA) was established in 2002 and is a trade association for the natural gas vehicles industry in the Asia Pacific region. It serves the needs of fleet operators, vehicle manufacturers, OEMs, gas suppliers, equipment suppliers, refuelling equipment providers, consultants, government representatives, NGOs and others involved with the natural gas vehicle industry by promoting the use of natural gas as a transport fuel, by defining industry standards and guidelines and by providing training. In 2013, ANGVA adopts a new vision statement of "To lead and promote Asia Pacific NGV Industry towards sustainable growth". This vision will be achieved by ANGVA planting the seeds, providing the catalysts, monitoring and steering the development of a safe, profitable and sustainable market for natural gas as an environmentally friendly, economically viable, and energy security transport fuel, throughout the region.

WORKSHOP LEADER:-



TUV Rheinland

TÜV Rheinland Group is a worldwide acting accredited Third Party and Notified Body for inspection and approval of technical components and installations in general as well as consulting and training with more than 140 years of experience. The Competence Center Alternative Fuels can offer you an overall support from design phase to final approval as well as training courses for all issues and individual consulting concerning the regulations .

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Xperion Energy & Environment GmbH

xperion Energy & Environment GmbH is a globally-oriented company of the Avanco group setting new standards in the fields of energy and environment with lightweight components made in Germany. The core business is the development and manufacturing of lightweight components made of fibre-reinforced composites which are mainly used for energy generation, conversion, transportation and storage. One major focus is the production of the patented X-Store CNG type 4 high-pressure cylinders for cars, busses and trucks as well as for gas transportation. X-STORE containers for gas transportation are among the leading solutions for efficient CNG transport and flexible distribution systems. Apart from that, the cylindrical composites come into operation in the range of Composites Applications, e. g. the production of drive shafts for the automotive industry, naval architecture and wind energy plants, as pressure pipes for water treatment or as risers for oil and gas offshore platforms..



SPEAKER PROFILES



Fazal Ali Khan | CNG Development Manager
Emirates Gas LLC (ENOC Group), U.A.E

Fazal Ali Khan currently holds the position of CNG Development Manager with Emirates Gas LLC, a member of the Emirates National Oil Company (ENOC) Group, a wholly owned company of the Government of Dubai. He previously worked with LMF Middle East (Leobersdorfer Maschinen Fabrik) of Austria as Area Sales Manager looking after Sales & Service of LMF products in the Middle East, Asia and South East Asia from their operational base in Dubai, United Arab Emirates. Fazal has been at the forefront of CNG/NGV developments in the region, having been designated as Vice President of Asia Pacific Natural Gas Vehicle Association (ANGVA) since 2003, and currently is the Chairman of the ANGVA Safety Advisory Panel (ASAP) whose primary objective is to investigate / analyze CNG/NGV related incidents and accidents in the Asia Pacific Region and provide safety advice / recommendations based on what is learnt from these investigations to further enhance safety of the CNG/NGV Industry in the region. He has earned qualifications from Association of Overseas Technical Scholarship (AOTS) Japan in Automotive Engineering and Alternative Fuel Technology from New Zealand



Mark Vidler | Retail & Marketing Manager
Qatar Fuel "WOQOD", Qatar

Mark Vidler is Retail and Marketing Manager for Qatar Fuel "WOQOD" in Qatar. He has a broad downstream oil company background and is currently working on entry strategies for CNG, GTL and LNG as transport fuels in Qatar covering road and sea transportation. Mark is a highly experienced marketing expert with a proven track record of success in the downstream oil industry across Europe, Middle East and the Far East. Double MBA graduate. Strong strategy development and execution experience with sound leadership, communication and business development skills. International acquisitions; project lead on all international development efforts including mergers, acquisitions and due diligence.



Wang Cheng | Director, Policies & NGV Research
Center for Automobile Research & Technology (CATARAC), China

Mr. Wang Cheng has graduated from Peking University with a master degree. He has worked in the field of automotive energy-saving and emission reduction policies for years. Focus on: Fuel economy standard research, Vehicle exhaust emission standard research Electric vehicle policy research and natural gas vehicle market and policy research. He participated in the „China low speed vehicle fuel consumption limits and measurement method national standard“ project since 2008. He was a member of EV branch of SAE (Society of Automotive Engineer)-China, mainly engaged in the Sino-US electric automobile policy research. Since joined CATARAC, he is a team leader responsible for the MIIT, NDRC and Fortune Global 500 enterprises subjects. He developed and supervised „China Natural Gas Vehicle Market monthly report“ which will offer accurate and timely key production data and policy information monthly to meet the demand of natural gas vehicle industry.



Robbi Sukardi | Chairman
CNG ASSOCIATION OF INDONESIA (APCNGI)

Mr Robbi Renaldi Sukardi has played a very vital role in promoting the use of Natural Gas as fuel used for transportation in Indonesia. As a Co-founder member of the Indonesia's CNG Association he has been instrumental in bringing together the industry players in Indonesia under the associations' umbrella and helped formulate the strategies that should be adopted in order for the CNG industry to grow. He has been an esteemed speaker at most of the important conferences and summits held across Asia-Pacific and presented case studies on major NGV and CNG projects being implemented in Indonesia. A MBA (Finance) from the American University – Kogod Scholl of Business (Washington), he is the Managing Director of PT. Raja Rafa Samudra which into CNG trade, delivery and services. He is also a serving council member for Gerson Lehman Group (Hong-Kong) as Indonesia's CNG Industry Specialist. Mr. Sukardi is also a proficient golfer.



Pankaj Mathur | Director (Commercial)
Green Gas Ltd., India.

Pankaj Mathur, a 1981 MBA has an experience of more than 32 years in Indian Oil Corporation Limited (IOCL), which is the world's 83rd largest public corporation, according to the Fortune Global 500 list, and the largest public corporation in India when ranked by revenue. He joined IOCL as an Officer Trainee at Delhi. During the last three decades he has worked at various places and positions in Bottling Plant, LPG Field, Indane Area Offices and IOC State Offices in different States. During his tenure at IOCL, he has had the administrative experience of heading Indane Area Offices in three different States. His area of expertise includes business development with focus on market strategies, corporate planning, legal & regulatory affairs and feasibility study for network expansion. Widely travelled he had been faculty for IGNOU. Has conducted workshops and delivered lectures in International fora. He is currently working as Director (Commercial) in Green Gas Limited which is a Joint Venture of IOCL & GAIL (India) Limited. Green Gas is authorized city gas distribution company operating in two prominent cities of India namely Agra and Lucknow having a combined population of more than 5 million persons. In a year and a half of working in Green Gas Limited he has been instrumental in ensuing steady growth of the company by various innovative measures like capacity augmentation, optimizing resources and capacity, improvement in production planning for surpassing the demand curve, streamlining marketing efforts etc. As a result of sustained growth, he has ensured improvement in per employee PAT of the company.



Taufiq Tai | Operation Expert
Dubai Taxi Corporation, Roads & Transport Authority (RTA), U.A.E

Taufiq Tai has more than 25 years' experience in the automotive and public transportation industry. He has worked in Singapore, Malaysia and is currently the Operation Expert/Technical Consultant with Roads & Transport Authority (Dubai Taxi Corporation), Government of Dubai, UAE. He graduated from the Royal Melbourne Institute of Technology University, Australia, with a Bachelor of Transport. He also received a Master of Science in Management (Transport). He is currently pursuing his PhD in Transport Planning. He is also a corporate member of the Chartered Institute of Transport (UK), the Society of Automotive Engineers (US) and the Institute of Transportation Engineers (US). Also an expert in the field of automotive alternative fuel, he spearheaded the CNG vehicles project during his stint in Singapore. He also oversees the Hybrid & CNG vehicle project in Dubai Taxi Corporation (Roads & Transport Authority).



Lalit Mistry | City Manager
Gas, Gujarat State Petroleum Corporation (GSPC), India

Engineering and Management professional with more than 10 years of experience in mid stream and downstream Oil & Gas industry in the field of Feasibility studies, Pipeline Designing, Risk Assessment, Project Planning & Execution, Erection and Commissioning of pipeline constructions, Contractors and Vendors Management, Maintenance and Operations, Integrity Management and Regulatory Affairs. Hands on experience of expert level for Network designing by SynerGEE Gas software.

- Techno commercial support to organization through various analysis and assessment related to long term CAPEX and OPEX studies and NG Demand assessment of existing and upcoming geographical areas.
- Core team member of technical committee and Integrity Management System (IMS).
- Skills in evaluating risk associated with the project activities and allocation effectively resources for prevention, detection and mitigation of any superfluous activities and improving safety to protect personnel, assets, properties, public and environment.
- Currently working with India's largest City Gas Distributing Company, GSPC Gas and looking after Strategic Planning, Business Development and Regulatory Affairs.