

Oil & GAS GAS Tech POWER

World Expo 2020 World Expo 2020 World Expo 2020



4-6 March 2020

Bombay Exhibition Center, Goregaon (East), Mumbai, India

REPORT 2020



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INTEGRATED ENERGY TRADESHOW RECEIVES OVERWHELMING RESPONSE



Mr. S K Moitra

Director (Onshore),
Oil and Natural Gas
Corporation (ONGC)
Ltd; Chairman, Central
Advisory Board – Oil &
Gas World Expo 2020

"All over the world, Governments are giving parallel thrust to increase the share of unconventional energy in their energy requirements. In this challenging time, the potential of the redevelopment of mature oil and gas fields, which was often overlooked is the game changer for industry."



Mr. Subramanian Sarma

CEO & MD, L&T
Hydrocarbon
Engineering

"70% of today's production is coming from matured fields as the easy-oils are gone. If we consider the first & basic thing that would be able to prolong the life of a reservoir without incurring any specific cost, it is the ability to predict the type & quality of reservoir, what does it take to manage as well maintain the reservoir and how to build the production profile."



Ms. Ann Ollestad

Consul General,
Consulate General of
Norway in Mumbai

"Along with digital revolution, soft power is also very important. I have been working in India for nearly 8 years now and have seen that India has a very important innovative and necessary resources a women and young generation. I would really like to see more young people and women are recruited in this sector; and then for sure you will see the real change coming in and you will need it."



Dr. Nitin Kashinath Raut

Minister of New &
Renewable Energy,
Government of
Maharashtra

"Ensuring access to affordable electricity by 2030 means investing in clean energy sources such as solar, wind and thermal. Today, India is fast emerging as a global clean energy powerhouse, where the renewables sector has taken rapid strides. In such situations, it is the forums like Power World Expo & Conference which play pivotal role in bringing together the key decision makers from the regulatory authorities from the government, power producers, infrastructure & technology providers to a common point to deliberate on the concerns."



Dr. Anil Kakodkar

Former Chairman,
Atomic Energy
Commission;
Chairman – Rajiv
Gandhi Science
& Technology
Commission

"One of the biggest challenges we face is the money outgo because of the energy and energy related imports. In a country like India, we really can't afford such growing money outgo as it would become unsustainable in not so distant future. This is partly because the energy resources are at a stretch; and also because of the ever rising cost of energy resources, barring gas as an exception."

**FACTS &
FIGURES**



3

DAYS TRADESHOW



151

EXHIBITORS



714

DELEGATES

**Mr. A K Jha**

Former CMD , NTPC Limited & Convener – Power World Expo 2020

"In today's perspective, 55% of the peak energy is driven by renewable energy which confers to the fact that conventional power plant like Thermal and Gas have to back down by 45% of their capacity in order to have no curtailment in renewable energy power. This is one of the biggest challenges being faced by the country today. On the flip side, this will further increase the renewable energy capacity."

**Mr. Prasad Panicker**

Director & Head of Refinery , Nayara Energy & Chairman, CAB, Refining & Petrochemicals World Expo 2020

"At the turn of the millennium, India had refining capacity of 110 MMTPA which has more than doubled in the last 20 years and stands at 250 MMTPA. While we feel very happy about the growth of the refining industry, we have to be mindfully conscious of the major disruptions such as EVs, fuel cells and biofuels. Crude oil volatility, trade wars and now the very recent one because of the virus is impacting the oil industry severely."

**Mr. B Narayan**

Group President Procurement & Projects , Reliance Industries Ltd.

"Digital twin allows refiners to monitor the asset on a real time basis and enable them to process the difficult crudes to the maximum possible extent. The digital twin takes into account, metallurgy, process conditions, corrosion and severity of process impact and leads to generation of millions of points of structured & unstructured data that can be analyzed using analytics. This data can then be utilized for machine learning & using AI to run operations. And that is where future refineries are headed to."

**Mr. Rajeev Mathur**

Executive Director (Corporate Affairs) & OSD to CMD, GAIL Ltd; & Chairman, CAB, GASTech World Expo 2020

"The Government is very supportive towards increasing the share of natural gas from 6 to 15 percent in the country's energy basket. As a consequence of this forecast, the use of gas is also expected to increase by 5 folds in next 10 years. I am sure going forward, we will be able to find the ways and means to unlock the potential of natural gas and facilitate the stakeholders to pitch in."

**Mr. R C Bhargava**

Chairman, Maruti Suzuki India Ltd.

"It is important to focus very strongly on usage of Gas in transportation industry, because the import of crude has reached a figure of around 226 million tons imparting a cost factor of around USD 112 billion which is a huge drain on foreign exchange resource. The potential for the future growth for commuting vehicles is enormous as mobility is the prime factorial for the economic development and better quality of life."

**89****SPEAKERS****4655****VISITORS****4****CONFERENCES****192****VIP GUEST**

THREE DAYS OF IDEATION, KNOWLEDGE SHARING, TECHNOLOGY EXCHANGE AND NETWORKING



Leaders inaugurate the Oil & Gas World Expo 2020 & upstream conference 'Revitalizing Mature Fields using Innovative Technologies'

(L to R): **Mr P K Goswami**, Chief General Manager (Projects), Oil India Limited;
Ms. Ann Ollestad, Consul General, Consulate General of Norway in Mumbai;
Mr. Subramanian Sarma, CEO & MD, L&THE;
Mr. S K Moitra, Director (Onshore), ONGC & Chairman Oil & Gas World Expo 2020;
Mr. Maulik Jasubhai, Chairman Jasubhai Group & ChemTECH Foundation;
Mr. Sanjay Joshi, Country Manager-India & Senior Vice President, Customer Management-APAC, Aker Solutions



9th Edition of Integrated Energy Tradeshow opens for visitors:
(L to R): **Mr Subramanian Sarma**, CEO & MD, L&THE; **Mr. Maulik Jasubhai**, Chairman Jasubhai Group & ChemTECH Foundation; **Mr. D K Sarraf**, Chairperson PNGRB; & **Mr. S K Moitra**, Director (Onshore), ONGC & Chairman Oil & Gas World Expo 2020



Dignitaries inaugurate Natural Gas & LNG Conference 'Unlocking Natural Gas Value Chain Potential in India'

(L to R) : **Mr. Rajeev Mathur**, Executive Director (Corporate Affairs) & OSD to CMD, GAIL Ltd; & Chairman, CAB, GAS Tech World Expo 2020;
Mr. Yatinder Pal Singh Suri, Executive Director, ChemTECH Foundation;
Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd; **Mr. D K Sarraf**, Chairperson, Petroleum & Natural Gas Regulatory Board; **Mr. Mahmoud Jardaneh**, Department of Energy Attaché, Embassy of the United States of America



Industry delegates attending the upstream conference



Knowledge lounge in the exhibition arena



A warm welcome to the Chief Guest:

Dr. Nitin Raut, Honourable Minister for New & Renewable Energy, Government of Maharashtra receives a memento from **Mr. Hemant Shetty**, CEO, ChemTECH & Jasubhai Media Pvt. Ltd.



Inauguration of Power World Expo 2020 & Conference 'Clean & Affordable Power: Innovation, Integration & Adoption'

(L to R) : **Mr. Maulik Jasubhai**, Chairman, Jasubhai Group & ChemTECH Foundation; **Mr. Pranav R Mehta**, Chairman – Global Solar Council (GSC) & Founder Chairman National Solar Energy Federation of India ; **Dr. Anil Kakodkar**, Former Chairman, Atomic Energy Commission; Chairman – Rajiv Gandhi Science & Technology Commission; **Mr. A K Jha**, Former CMD, NTPC Limited & Convener - Power World Expo 2020; **Mr. Shailendra Roy**, CEO & MD – L&T Power & Whole-Time Director & Member of the Board, Larsen & Toubro Limited & **Mr. Praveen Saxena**, ED & WTD, NGSL

Inuaguration of conference 'Transformation of Refining & Petrochemicals : Vision 2030'

(L to R): **Mr. Rakesh Verma**, MD & CEO, Simon India Pvt Ltd

Mr. Prasad Panicker, Director & Head of Refinery, Nayara Energy & Chairman, CAB, Refining & Petrochemicals World Expo 2020

Mr. B Narayan, Group President Procurement & Projects , Reliance Industries Ltd.,

Mr. Sunder Kalyanam, Group Managing Director, Engineering & Construction Growth – India, Asia, the CIS and Sub-Saharan Africa and Chairman of Petrofac India

Mr. Richard Boocock, Senior Vice President, Chief Information Officer and Special Advisor to the Chairman, Air Products &

Mr. Yatinder Pal Singh Suri, Executive Director, ChemTECH Foundation



Visitors at the registration counter

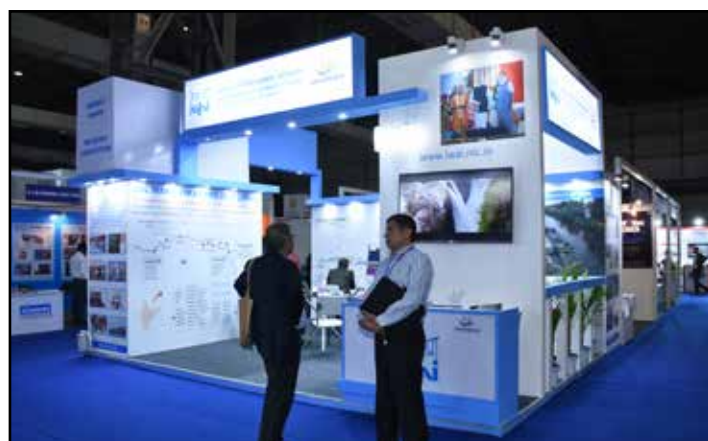
OVER 150 EXHIBITORS



L&T HYDROCARBON ENGINEERING LIMITED



MAHANAGAR GAS LTD



INLAND WATERWAYS AUTHORITY OF INDIA



HINDUSTAN PETROLEUM CORPORATION LIMITED



RAJASTHAN STATE GAS LIMITED



OIL INDIA LIMITED



TRIPURA NATURAL GAS COMPANY LTD.



OUTOKUMPU INDIA PRIVATE LIMITED

OVER 150 EXHIBITORS



NTPC LIMITED



GAIL (INDIA) LTD.



DIRECTORATE GENERAL OF HYDROCARBONS



POWER GRID CORPORATION OF INDIA LIMITED



CHEMICAL PROCESS PIPING PRIVATE LIMITED



HITACHI INDIA PRIVATE LIMITED



KSB LIMITED



PRAJ INDUSTRIES LTD

TESTIMONIALS

DGH

“Congratulations to Chemtech team for creating an excellent forum to exchange the creative ideas providing deep insights that lead to well-informed, confident decisions related with oil and gas industry with very engaging sessions. It was a honour and pleasure speaking at the conference among Key decision makers, Subject matter experts and Interactive audience from the energy industry.”

Dr C Laxma Reddy

Additional Director General (Exploration)
DIRECTORATE GENERAL OF HYDROCARBONS
Ministry of Petroleum and Natural Gas, Govt of India

ipcs

“The Oil & Gas +GASTech+ Refining & Petrochemicals +Power World Expo 2020 has offered so much to the participants, exhibitors and industry as whole at a time the world is struggling to breath their space. It is a overwhelming interaction and a truly motivating event to the industry. The topics are relevant, foot fall is good and over all a great networking platform for the industry.”

Kumar Swamy

Managing Director
F-Intressenter India Pvt. Ltd.

Oil India Limited

“The integrated energy trade show held from March 4-6, 2020 in Mumbai was a splendid show by Chemtech Team. It was an unique occasion combining knowledge platform with a vast networking platform. There was extensive arrangement to host a huge gathering from diverse fields of work. In spite of this large magnitude, everything was very orderly. This was possible for the hard work of the organizing team. All the delegates of OIL family are immensely benefitted by this show.”

Pankaj Kumar Goswami

Group General Manager/Executive Director
Oil India Limited

FRAMES

“The Oil & Gas +GASTech+ Refining & Petrochemicals +Power World Expo 2020 held between 4-6 March is an event ; the industry eagerly awaits. It offers an exceptional platform for Exhibitors and delegates to interact on the matters of common interest. Amidst looming Covid 19 crisis then, the footfall was really encouraging. Congratulations to Chemtech Foundation for ‘par excellence’ event arrangement and professional ambience. Keep up the good work !”

Uday V. Kulkarni

Managing Director
Frames Process & Energy Systems Pvt. Ltd.

LEHLER

“The Oil and Gas, Refinery & Petrochemical and Gas Tech Expo 2020 has offered us a preeminent platform to showcase the know-how of our German based technology product in this sector. Our vast experience and expertise in the product application and platform to reach the participants, delegates and even the exhibitors from various field will definitely help us to seize each corner of the market.”

Santosh Chacko

Vice President (Sales & Marketing)
Lehler India Pvt. Ltd.

simon India

“The entire event was very well coordinated resulting into quality exhibitors, elite visitors and renowned dignitaries. It is a testimony of great popularity of ChemTech events that the Honorable Minister, New and Renewable Energy, Maharashtra, Dr Nitin K Raut graced the event and spent quality time at SIL's stall enquiring about the LPG project, the company's interest in FGD projects and its foray into power sector specially the renewable energy solar sector. Excellent work by team.”

Rakesh Verma

CEO & ED, Simon India Limited



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