

# Announcement

## 26<sup>th</sup> Energy Technology Meet

### 9-11 October, 2023

**“Emerging Energy Trends & Future of Refining”**

**International Exhibition Cum Convention Centre (IECC)**  
**Pragati Maidan, New Delhi**



**पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय**  
**MINISTRY OF PETROLEUM AND NATURAL GAS**  
Government of India



*“India is one of the strongest voices in the World in Energy transition and in developing new sources of Energy. Green Hydrogen is one sector in which India is taking the lead in the World. The national Green Hydrogen Mission will give a new direction to 21<sup>st</sup> century India”*

*-Shri Narendra Modi  
Hon'ble Prime Minister of India*



**Shri Hardeep Singh Puri**  
Hon'ble Minister of Petroleum and  
Natural Gas & Minister of Housing and  
Urban Affairs



**Shri Rameswar Teli**  
Hon'ble Minister of State  
Petroleum and Natural Gas & Labour and  
Employment



## INTRODUCTION

**Centre for High Technology (CHT)**, under the aegis of Ministry of Petroleum & Natural Gas (MoP&NG), Government of India, in association with various Oil Companies in India, organizes Energy Technology Meet (ETM) every year. The meet provides an excellent opportunity for exposition of recent advances and technological developments that are of direct relevance to the downstream hydrocarbon sector.

The first event was held 34 years ago and so far, 25 such conferences have been organized in association with Indian oil companies on various themes relevant to the industry. The event has become much sought-after annual event globally, attended by large number of delegates from India and abroad including senior officials of MoP&NG & major Oil & Petrochemical companies.

Driven by concern of global warming, increasing role of renewables in the energy basket & electrification across all sectors of the economy, the energy landscape is changing very fast. The last 25<sup>th</sup> ETM, organized by CHT in association with HPCL during 15-17 September, 2022 at Mumbai, was a grand success with participation of record number of more than 1300 delegates/invitees from India and abroad. The Theme of the Meet was “Refining in New Energy Era”. A total of 78 oral papers including 48 from international consultants, spread over 16 Technical Sessions and 59 posters were presented during the two and half day Meet. 15 Exhibition Stalls were put up by leading technology / service providers showcasing their Technology, product and services.

CHT is now organizing the “**26<sup>th</sup> Energy Technology Meet (ETM)**” during 9 - 11 October, 2023 at International Exhibition Cum Convention Centre (IECC), Pragati Maidan, New Delhi, India with Engineer’s India Limited (EIL) and Numaligarh Refineries Limited (NRL) as co-hosts.

**Engineers India Ltd (EIL)** is a Global Leader offering Total Energy Solutions for a Sustainable Future. Established in 1965, EIL provides design, engineering, project management and technical services in hydrocarbon and other diversified sectors like infrastructure, bio fuels, mining & metallurgy, defense, space etc. Over the years, it has augmented its span of services and excelled in various fields to emerge as a leading Project, Design, Engineering Consultancy and Turnkey Contracting company in the fields of:

- Petroleum Refining
- Petrochemicals, Chemicals & Fertilizers
- Crude, Petroleum products & Gas Pipelines
- Offshore/ Onshore Oil & Gas
- Terminals & Storage
- Sub Surface Strategic Storage
- Mining & Metallurgy (Steel and Non-Ferrous)
- Infrastructure & Urban Development



- Defence / Space
- Green Hydrogen/ Ammonia
- Decarbonisation / Net Zero

EIL has marked its footprints in the areas pertinent to Energy Transition such as Energy Efficiency improvement, Biofuels, Green Hydrogen etc. EIL is also providing services for installing facilities for production of green hydrogen through water electrolysis technology. EIL is also playing a crucial role in providing technological solutions for decarbonizing the aviation sector in collaboration with CSIR-IIP and is poised to take several upcoming opportunities in the Biofuels segment based on its project implementation credentials in this sector.

As part of its diversification initiatives and expansion in overseas markets, EIL has, in the recent past successfully implemented assignments in UAE, Oman, Kuwait, Bahrain, Nigeria, Bangladesh and Indonesia. EIL is currently executing Africa's largest Green Field Refinery and Petrochemical Complex of Dangote Group and is also executing a Fertilizer Project in Nigeria. EIL is also executing a grassroot refinery in Mongolia which is being executed through Line of Credit (LOC) from GOI. EIL has a 100% wholly owned subsidiary Certification Engineers International Limited (CEIL) and is part of a joint venture company, M/s. Ramagundam Fertilizers and Chemicals Limited (RFCL) in collaboration with NFL. EIL also holds equity stake in Numaligarh Refinery Limited.

**Numaligarh Refinery Limited (NRL)** is a Category-I Miniratna CPSE under the Ministry of Petroleum and Natural Gas, Govt of India; NRL has been upgraded to Schedule A CPSE w. e. f 4<sup>th</sup> July 2023. The 3 MMTPA Refinery was dedicated to the nation by former Prime Minister of India Shri Atal Bihari Vajpayee on 9<sup>th</sup> July, 1999. NRL has been able to display credible performance since commencement of commercial production in October 2000. With its concern, commitment and contribution to socio-economic development of the state of Assam and North East India, it is considered as one of the glowing manifestations of successful business enterprise in the region, with its footprints across the globe where its products, specially Paraffin Wax continue to be exported.

The present shareholding pattern of NRL is Oil India Limited (OIL) – is 73.27 %, Govt. of Assam: 22.88% and Engineers India Limited – 3.85 %.

The existing product range includes LPG, Naphtha, Motor Spirit (MS), Aviation Turbine Fuel (ATF) Superior Kerosene Oil (SKO) High Speed Diesel (HSD), Raw Petroleum Coke (RPC) Calcined Petroleum Coke (CPC), Sulphur, Wax, Nitrogen, Mineral Turpentine Oil (MTO), Special Boiling Point Spirit (SBPS) and Liquid Sulphur.

NRL has embarked on a major integrated Refinery Expansion Project to treble its capacity from 3 MMTPA to 9 MMTPA at an estimated investment of more than Rs. 28,000 Crore, one of the highest in the North East region. The project also includes setting up of a Crude Oil Import Terminal at Pardeep Port in Odisha and laying of about 1640 KM of pipelines for transportation of imported Crude Oil to Numaligarh. NRL is also implementing a 360 KTPA Polypropylene project at an estimated cost of Rs. 7,231 Crores.

Aligning itself with the Govt. of India's target of achieving net zero by the year 2070, NRL has carved a roadmap to attain its net zero goals by the year 2040. Taking a step further in this direction and in line with National Green Hydrogen Mission, NRL has initiated



action to set-up a Green Hydrogen plant of capacity 300 kg/hr (18 MW), within the Refinery premises.

## About the meet

Refiners are faced with a more challenging and complex market, in which remaining competitive will be the long-term challenge. With increasing electrification of the economy including mobility & building sectors and decarbonization of industry, the energy mix shall transit to renewable electricity, biofuels and green hydrogen. In the interim, low-carbon options like gas, Green Hydrogen and technologies like CCUS shall play its role. Driven by a range of factors, the deployment of renewables in different sectors will occur on different timeframes and scale for different reasons including availability, techno-economic consideration, regulatory push, etc. Therefore, all renewable resources should be viewed as a complement to other alternative energy sources rather than a standalone solution. In the period of transition even role of low carbon options cannot be ignored.

The objective of the meet is to provide a forum for exposition of recent advances and technological developments, which are of direct relevance to the Energy sector and in particular to the Refining and Petrochemicals sector. The focus areas of the Meet will be:

1. Options towards Net Zero
2. Changing Energy landscape
3. Aligning Refineries toward sustainable future
4. Refinery integration with petrochemicals
5. Advances in Refining Technologies and catalysts
6. Innovations in Refining
7. Gas/LNG
8. Aligning Pipelines toward sustainable future
9. Issues and developments including standards and codes towards achieving role of hydrogen as major constituent in the future energy mix
10. Synthetic Aviation Fuel
11. Bio-Refinery
12. Reduction of water footprint
13. Environment management
14. IR 5.0
15. Carbon Capture and Utilization
16. Alternative Energy Intervention in Refinery

Eminent speakers & experts in their respective fields will deliver lectures and make technical presentations during the conference. Experts are drawn from the energy sectors including renewables, mobility sector, operating oil & gas and petrochemical companies,



R&D institutions, consultants, process licensors, catalyst manufacturers, renowned EPC contractors, etc. both from India and abroad. Besides this, case studies will also be covered.

Besides oral presentation, additional technical papers shall be covered under "Poster Session". Exhibition Stalls will also be provided at the venue for display of products/services by vendors/consultants/service providers etc. connected with the Energy Sector.

## Submission of Technical Papers

Abstracts may be submitted online on CHT website [www.cht.gov.in](http://www.cht.gov.in) for selection for oral presentation and poster display. The last date for submission of abstracts is **31<sup>st</sup> August, 2023**.

### Who should attend

Professionals from energy sectors, oil refining, petrochemicals, gas processing, engineering professionals involved in the design, operation & technical services and business development in energy sectors, process licensors, consultants, vendors, scientists, academicians and manufacturers.

### Nodal Person from CHT:

**Mr D. Kiran Kumar, Addl. Director**

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Mobile: +91-9440694560

### Language

English will be the official language of the ETM.

## Registration Fee

The Registration Fee for Indian delegate attending the Meet is ₹ 35,400 (₹ 30,000 Plus GST @ 18%) and 500 USD (Including GST) for Foreign delegates.

The registration fee is to be paid by Demand Draft in favor of 'Centre for High Technology', payable at Noida, India or through direct inter-bank transfer. Details are as under:

**S/B A/C No.:** 03941450000148    **IFSC Code:** HDFC0002649    **SWIFT Code:** HDFCINBB

**PAN:** AAATC0412A    **GST No.:** 09AAATC0412A1ZN

D.D. No. \_\_\_\_\_ Date \_\_\_\_\_ Amount \_\_\_\_\_

Drawn on Bank \_\_\_\_\_ Branch \_\_\_\_\_

Registration and Payment can be made online through CHT website [www.cht.gov.in](http://www.cht.gov.in)

There will be no registration fee for the presenters of the papers in Technical / Poster Sessions. However, travel and accommodation arrangements are to be made by themselves. **Spot Registration** can also be done at the conference venue from 1700 Hrs. to 2000 Hrs. on 8<sup>th</sup> October, 2023 and from 0800 Hrs. on 9<sup>th</sup> October, 2023 onwards.



An early bird discount of 10% will be provided to delegates for registering on or before 31<sup>st</sup> August 2023.

### Accommodation

Delegates / Speakers / Presenters participating in the conference have to make their own arrangements for accommodation at New Delhi.

## Sponsorship

The ETM is expected to be attended by about 1300-1500 delegates from India and abroad that would provide an excellent platform for networking with Oil Companies, Process Licensors, Design & Engineering Companies, R&D/Academic institutes, etc. and will be a good business exposure for all the participating companies.

The sponsorship opportunities are available for bulk participation and branding (**Last date 20<sup>th</sup> September, 2023**). The name of the sponsoring organization along with 'Logo' will be displayed adequately in all venues, prints and electronic display as acknowledgement of support and sponsorship. In addition, Sponsors will be entitled for complimentary registration of their delegates as under:

Category	Sponsorship Amount		Complementary Delegates
	Indian* (₹ lakhs)	Foreign** (USD)	
Platinum	20	29,000	50
Diamond	15	22,000	30
Gold	12	17,500	20
Silver	9	13,000	10
Pearl	6	8,700	5

\*GST @ 18% is payable additionally directly by the Indian Sponsors.

\*\* Inclusive of 18% GST

## Exhibition Stalls

Exhibition Stall of size 3 m x 3 m will be provided at the venue for display of products/ services by vendors / consultants / service providers etc. connected with the Hydrocarbon Sector. The rate for each stall will be ₹ 4.72 lakh (₹ 4.00 lakh plus GST@18%). Vendors booking the exhibition stalls will be entitled for free complimentary registration for two delegates (**Last Date: 31<sup>st</sup> August, 2023**)

### Nodal Person for Sponsorship and Exhibition Stall Booking:

**Mr Kishore Kumar Bhimwal, Addl. Director**

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**Mr Manish Agarwal, Joint Director**

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## Venue

International Exhibition Cum Convention Centre (IECC), Pragati Maidan, New Delhi

Distance from Airport: 15 km

Driving Time: 40 minutes

### For further queries, please contact:

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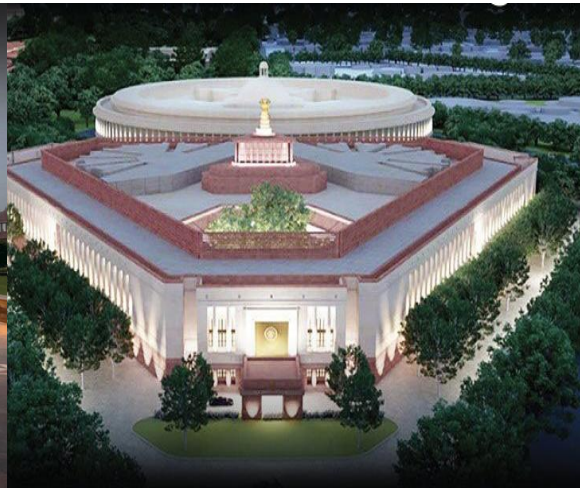
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**Akshardham Temple**



**Parliament**



**International Exhibition Cum Convention Centre (IECC), Pragati Maidan, New Delhi**



**Centre for High  
Technology**



**Engineers India  
Limited**



**Numaligarh Refinery  
Limited**

For more details, please visit CHT website: <https://www.cht.gov.in>

