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LNG BUNKERING IN INDIA

Advancing Clean Marine Energy for a Sustainable Maritime Future

19th September 2025, Friday, 10:00 AM–2:00 PM
Hotel- Radisson Blu, Kochi, Kerala



About PHDCCI and the Hydrocarbon Committee

Founded in 1905, the PHD Chamber of Commerce and Industry (PHDCCI) is a preeminent industry body, representing over 150,000 enterprises and driving policy advocacy to foster sustainable economic progress. The PHDCCI Hydrocarbon Committee, a vanguard in oil & gas and marine infrastructure, has spearheaded transformative initiatives for over a decade. Its notable programs include:

- Natural Gas Conclave, January 2018, New Delhi
- Conference on Hydrocarbon Sector (HELP Policy), March 2018, New Delhi
- Conference on Gas Market in India, May 2018, New Delhi
- National Oil & Gas Summit, December 2018, New Delhi
- PHD National Oil & Gas Conclave, January 2020, New Delhi
- Webinar on LNG as Alternate Fuel in Long Distance Transportation, June 2020
- Virtual Conclave on Compressed Bio Gas, July 2021
- Virtual National Refining & Petrochemical Conclave, September 2021
- Hydrocarbon Summit: Towards Integrated Energy Management, September 2022, New Delhi
- International LNG Conclave, March 2023, New Delhi
- Conference on Gas-Based Economy, October 2023, New Delhi
- Bharat LNG Summit, March 2024, New Delhi
- Bharat Gas Summit, August 2024, New Delhi
- LNG Bunkering Conference, November 2024, New Delhi
- Marine Infrastructure, March 2025, Mumbai

CHAIR/CO-CHAIR OF HYDROCARBON COMMITTEE, PHDCCI



SHRI SANDEEP JAIN
Executive Director, IOCL



CAPT. PAWAN GUPTA
Managing Director & CEO
Pace Marine



SHRI MADHUP SINGHAL
Partner MSA Legal

These initiatives underscore the committee's leadership in advancing clean energy, marine infrastructure, and sustainable practices, positioning it as a trusted partner in India's energy transition.

Background and Rationale

The PHDCCI Hydrocarbon Committee Summit is a pivotal platform to propel India's maritime sector toward a sustainable future through LNG bunkering. Hosted in Kochi—a strategic maritime and energy hub—this summit will convene global and domestic leaders to forge actionable strategies for LNG as a cleaner marine fuel. Aligned with the International Maritime Organization's (IMO) stringent emission standards and India's commitment to decarbonisation, the event will drive innovation in infrastructure, policy frameworks, and supply chains, establishing India as a frontrunner in the global LNG bunkering ecosystem. Kochi's proximity to Petronet LNG's Kochi Terminal and its critical role in India's maritime trade make it an ideal venue. Leveraging the committee's expertise in oil & gas and marine infrastructure, this summit will deliver strategic insights, foster cross-sector partnerships, and set a global benchmark for sustainable maritime energy solutions.

Summit Objectives

- **Advance LNG Bunkering Infrastructure:** Formulate a blueprint for LNG-ready ports, floating terminals, and robust supply chains to bolster India's maritime ecosystem.
- **Strengthen Policy Frameworks:** Advocate for streamlined GST/duty structures, safety regulations, and licensing clarity to accelerate LNG adoption.
- **Enhance Marine Infrastructure:** Promote dredging, port modernization, and floating bunkering solutions to support LNG infrastructure development.
- **Position India Globally:** Establish India as a leading South Asian LNG bunkering hub, drawing on global best practices from ports like Singapore and Rotterdam.
- **Deliver Strategic Impact:** Provide a high-caliber platform for thought leadership, collaboration, and actionable outcomes to shape India's maritime future.

Summit Structure

Session 1: Inaugural & Keynote – “Charting India’s Clean Marine Energy Future”

Objective: Articulate a strategic vision for LNG bunkering, aligning with India’s decarbonization goals and IMO mandates.

Speakers:

- Senior Official, Ministry of Ports, Shipping & Waterways
- Representative, Ministry of Petroleum & Natural Gas
- PHDCCI Hydrocarbon Committee Chair

Time: 10:00 AM–11:00 AM (1Hour)

Session 2: Technical Session I – “Developing LNG-Ready Ports and Marine Infrastructure”

Objective: Outline infrastructure solutions for LNG bunkering, emphasizing ports, dredging, and floating terminals.

Topics:

- LNG port readiness: floating bunkering units, ISO containers, and jetties.
- Role of marine dredging in enabling LNG terminal access under Sagarmala.
- Insights from global LNG bunkering ports like Singapore and Rotterdam.

Speakers:

- Kochi Port Trust Executive
- Marine Infrastructure Specialist (e.g., dredging expert)
- International LNG Bunkering Consultant

Time: 11:00 AM–11:40 AM (40 minutes)

Tea Break- 11.40 am to 12.00 pm (20 Minutes)

Session 3: Technical Session II – “LNG Bunkering Ecosystem: Vessels, Supply, and Regulatory Frameworks”

Objective: Address vessel readiness, supply chain integration, and regulatory alignment for LNG bunkering.

Topics:

- LNG-powered vessels: case studies in coastal and inland shipping.
- Retrofitting and supply chain solutions for inland waterways.
- Safety standards, PESO licensing, and gas trading opportunities via IGX.

Speakers:

- Shipping Industry Leader (e.g., LNG vessel operator)
- Gas Supply Expert from Petronet LNG
- PESO Regulatory Official

Time: 12:00 AM–01:00 PM (1 Hour)

Session 4: Panel Discussion – “Positioning India as a Global LNG Bunkering Leader”

Objective: Develop a strategic roadmap to establish India as a South Asian LNG bunkering hub through policy and investment.

Topics:

- Streamlining GST/duty frameworks for LNG as marine fuel.
- Attracting investments in LNG bunkering supply chains.
- Policy reforms to enhance India’s global competitiveness.

Panelists:

- Indian Gas Exchange (IGX) Representative
- Inland Waterways Authority of India (IWAI) Official
- Global LNG Bunkering Expert
- Oil & Gas Industry Executive

Time: 01:00 PM–02:00 AM (1 Hour)

Closing Segment: LNG Bunkering Roadmap Launch and Executive Networking Lunch



TECHNICAL TOPICS

The summit addresses critical imperatives for India's maritime and energy sectors, with a focus on Kochi's strategic role:

- **LNG Bunkering Infrastructure:** Design and deployment of floating storage units, ISO containers, jetties, and dredging solutions for terminal access.
- **Marine Readiness:** Port modernization under Sagarmala, adoption of LNG- powered vessels, and retrofitting for coastal and inland shipping.
- **Policy and Regulation:** Harmonization of GST/duty for LNG as marine fuel, safety standards under PESO, and integration of gas trading platforms like IGX.
- **Global Competitiveness:** Strategies to position India as a premier LNG bunkering hub, addressing supply chain gaps and attracting international investment.

TARGET AUDIENCE

- Ministry of Ports, Shipping, and Waterways
- Ministry of Petroleum & Natural Gas
- Inland Waterways Authority of India (IWAI)
- Kochi Port Trust and marine infrastructure firms
- Oil & gas companies (e.g., Petronet LNG, GAIL)
- Gas exchanges and trading platforms (e.g., IGX)
- Shipping companies, tug operators, and vessel owners
- Safety regulators (PESO) and classification societies
- Infrastructure developers, technology providers, and sustainability advocates

EXPECTED OUTCOMES

- Launch of the "LNG Bunkering Roadmap 2030," providing a strategic framework for India's maritime energy transition.
- Establishment of a multi-stakeholder working group to coordinate infrastructure, gas, and port authorities for LNG bunkering pilots.
- Actionable policy recommendations on GST/tax incentives and infrastructure financing to drive LNG adoption.
- Strengthened public-private partnerships across LNG, maritime, and marine infrastructure sectors.
- Elevated Kochi's stature as a global hub for LNG bunkering innovation.

CONCLUSION

The PHDCCI Hydrocarbon Committee Summit on 20th June 2025 at Radisson Blu, Kochi, will be a defining moment in India's maritime energy transition. This 5-hour summit will convene the nation's foremost energy and maritime leaders to drive innovation, forge partnerships, and catalyze a clean marine energy revolution. Aligned with India's decarbonization commitments and global sustainability goals, PHDCCI will set a new standard for LNG bunkering leadership, empowering stakeholders to shape a resilient and sustainable maritime future.

LAST LNG BUNKERING GLIMPSES AT SHANGRI -LA HOTEL



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