







# Towards Sustainable World!

Think LNG, Think of Petronet LNG Limited

PETRONET LNG LIMITED

www.petronetIng.in



### **About the Company**

Petronet LNG Limited (PLL) is one of the fastest growing world-class Public Limited Company in the Indian energy sector. It has set up the country's first LNG receiving and regasification terminal at Dahej, Gujarat with present nameplate capacity of 17.5 MMTPA and another terminal at Kochi, Kerala having a nameplate capacity of 5 MMTPA.

### Our Leadership



Shri Vinod Kumar Mishra Director (Finance)



Shri Akshay Kumar Singh Managing Director & CEO



Shri Pramod Narang
Director (Technical)



### Vision

» To be a key energy provider to the nation by leveraging Company's unique position in the LNG value chain along with an international presence.

### Mission

- » Create and manage world-class LNG infrastructure
- » Pursue synergetic business growth opportunities
- » Continue excellence in LNG business
- » Maximize value creation for the stakeholders
- » Maintain highest standards of business ethics and values.

Values: Integrity Excellence Sustainability Team Trust

## **LNG Gateway to India**

### Largest Long Term LNG portfolio in India

- » PLL has set up South East Asia's first LNG receiving, storage and regasification terminal at Dahej, Gujarat in the year 2004.
- » To cater the gas requirement of Southern India, PLL commissioned its second LNG receiving, storage and regasification terminal at Kochi, Kerala in the year 2013.



### **Dahej LNG Terminal**

# South East Asia'a first LNG Receiving and Regasification Terminal

- » Six LNG Storage Tanks & Regas facilities.
- » Two LNG letties designed to receive Q-Flex & Q-Max vessels.
- » Four LNG Truck loading bays designed to load fourty LNG trucks per day.
- » Additionally two LNG Storage Tanks, third LNG Jetty and four Truck loading bays are being added.
- » The Terminal capacity is being expanded from 17.5 to 22.5 MMTPA.



# Storage & Regas Capacity (MMTPA) 17.5 19 2004 2009 2016 2019

### Kochi LNG Terminal

### Capacity - 5 MMTPA commissioned in 2013

- » Two LNG Storage Tanks & Regas facilities.
- » LNG letty designed to receive Q flex LNG vessels.
- » Two LNG Truck loading bays designed to load twenty LNG trucks per day.
- » Additionally two Truck loading bays and one LNG Storage Tank are being added.

### Services offered at Kochi

- » LNG Bunkering Services.
- » LNG Storage & Reloading Facility.
- » Gassing Up and Cooling Down Services (GUCD).

### Our Subsidiaries, JVs & Associates

- » Petronet Energy Limited
- » Petronet LNG Singapore Pte. Ltd.
- » India LNG Transport Company (No.4)
  Private Limited
- » India LNG Transport Company (No. 3) Limited
- » Petronet LNG Foundation (a Section 8 CSR company)
- » Adani Petronet (Dahej) Port Ltd.



### **Building our Business**

### PLL's LNG Fleet

- » PLL has three LNG vessels, under long term Charter 'Disha', 'Raahi' and 'Aseem' to carry the LNG volume under RasGas contract from Qatar to Dahej.
- » The fourth LNG vessel "Prachi" is now under Exxon Mobil's portfolio
- » PLL also owns equity in LNG Aseem (3%) and LNG Prachi (26%)

### **Small Scale LNG**

- » PLL mooted the concept of Small Scale LNG (SSLNG) i.e. consumption of LNG as liquid fuel in long distance heavy duty vehicles (trucks and inter city buses).
- » The SSLNG supply chain includes supply of natural gas in the form of LNG to small consumers through unconventional transportation medium like LNG carrying trucks, small vessels, etc.
- » The segment includes supply to consumers which are not connected to NG pipeline, supply to consumers with specific fuel requirement viz. small-scale industrial consumers, glass industries, ceramic tiles etc.

### LNG Academy- Centre of Excellence

» PLL has set up one of its kind of learning center the "LNG Academy (LNGA)" at its Kochi LNG Terminal to impart training on the entire LNG value chain and organise workshops including simulation training to ensure enhancement and updation of knowledge and impart practical hands on experience to the aspirants.

### LNG Stations to promote LNG as Automotive Fuel

- » LNG as automotive fuel is not only economical but also environment friendly, apart from reducing 20% 22% of Carbon Dioxide emission as compared to Diesel, it is having negligible SOx and PM emissions.
- » PLL commissioned and obtained PESO Licence for India's first set of LNG Dispensing Stations and has been operating India's first set of commercially approved and RTO registered LNG buses (4 buses at Dahej/Kochi) for ferrying its employees.
- » To develop the LNG market, PLL has developed 4 LNG Dispensing Stations which will be commissioned shortly. PLL also plans to setup LNG dispensing stations along National highways across India anticipating the growth and future of LNG use as automotive fuel In India.





### **Driving Onward**

### 1-5-10-40

PLL is pursuing approved strategy and vision policy code named 1-5-10-40 i.e. to achieve Rs. 1 Lac Crore turnover and Rs. 10 Thousand Crore PAT with an investment of Rs. 40 Thousand Crore over next 5 Years (2026-27).

### **Compressed Bio Gas**

PLL is exploring setting up of CBG plants at various locations in different states across India and also setting up 1200 KTPA Ethane storage and handling facilities at Dahej as part of Integrated Petrochemical Complex, which will cater to requirement of third-party customers.



### **Petrochemical Complex**

PLL is setting up Petrochemical Complex at Dahej consisting of 750 KTPA PDH and 500 KTPA PP units along with Ethane and Propane handling facilities. PLL in it's first ever mega diversification for setting up of Petrochemicals Project of 750 KTPA of PDH and 500 KTPA of PP Plant including Propane and Ethane handling facilities at Dahej. This is also having unique petchem plant having integration with LNG Terminal, probably 1st in the world.



### Gopalpur LNG Terminal

PLL is fully geared up with it's maiden presence in East Coast of India having 4 MMTPA FSRU at Gopalpur (Odisha)

### **GUCD & LNG Bunkering**

Kochi Terminal is placed at strategic location for GUCD & LNG Bunkering facilities and PLL is poised to make it scalable.



### **LNG Fuel for Fishing Boats**

PLL has launched the first fishing boat on LNG Fuel Conversion Project at Kochi and is exploring its scalability.



### **LNG for Mining**

To cater the huge energy demand for mining trucks and other transportation in Indian mining sector, PLL is actively engaged with potential consumers for the use of LNG in the mining industry.



### **LNG Marketing**

PLL being the largest long term LNG portfolio holder has plans to foray into LNG Marketing & trading in India & overseas



### **National Waterways**

LNG being a cleaner alternative compared with fuels as FO, LSHS, HSD (Ship Bunkering Fuel), PLL is exploring opportunities to provide LNG for barges or small freight vessels along the National Waterways.



### South Asian LNG Infrastructure

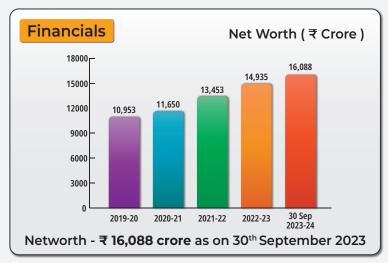
PLL is exploring setting up of LNG supply infrastructure for RLNG supplies to Gas based power plants in SriLanka.



### Hydrogen Economy

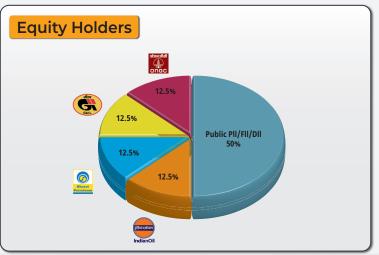
PLL is exploring opportunities in Green Hydrogen segment along with collaboration opportunities with reputed players.













### **Our Accolades**

- » Petronet LNG Limited handles around 75% of Country's LNG imports and account for around 33% gas supplies.
- » Dahej and Kochi collectively handles around 70 MMSCMD gas supply
- » Largest LNG Portfolio in India of around 9 MMTPA.
- » 7.5 MMTPA from RasGas, Qatar on long term.
- » 1.425 MMTPA LNG from Mobil Australia Resources Company Limited (a subsidiary of Exxon Mobil), Australia on long term.
- » Balance sourcing on spot/short term basis.
- » Dahej terminal is world's 8th largest terminal by capacity
- » Owning 47% share of the country's existing Regas Capacity
- » Pioneers in GUCD and bunkering in Asia Pacific.
- » Dahej, one of the busiest terminal in the World.
- » Received 3300+ LNG Cargoes

### **Ratings & Awards**



AAA Rating in year 2023



AAA Rating in year 2023



Ranked 44th in year 2023



Ranked 42<sup>nd</sup> in year 2023



LNG Company of the Year Award, 2022



NSCI safety Award in year 2023



Kerala State Productivity Council- HR Productivity Award in year 2023



Maritime Excellence Achievers Award 2023



Dahej LNG Terminal received 3000<sup>th</sup> LNG cargo in year 2022



Ranked 57<sup>th</sup> in year 2022



Moody's International Rating Baa3 in year 2023



ET Employee Excellence Award, 2022



Ranked 55th in year 2023



Governance Now 9th PSU Awards & Conference-HR Excellence Award in year 2023



Kerala Management Excellence Award 2023 for "Innovative HR Initiatives"



Sword of Honour 2023 by British Safety Council for Dahej and Kochi Terminal



5 Star Rating in Occupational Health & Safety Audit by British Safety Council in year 2023 for Dahej & Kochi Terminal



### **CSR Initiatives**

PLL as a responsible corporate citizen aims at improving access to quality healthcare, enhance educational and skill development facilities, support environmental initiatives, empower women and uplift communities in need through its CSR initiatives across different regions in the country. Continuously endeavouring, PLL has dedicated itself towards development initiatives and adopted a structured approach to improve access to quality healthcare, enhance educational and skill development facilities, support environmental initiatives, empower women and uplift communities in need across different regions in the country. Some of the impactful CSR projects taken up in various sectors are mentioned below:

### A. Healthcare & Sanitation:

- 1) Mobile Medical Vans in Gujarat, Kerala, Delhi and Uttar Pradesh.
- 2) Equipment at Charitable Eye hospital in Delhi.
- 3) Running Women Centric Healthcare Centre in the Nuh, Haryana.
- 4) Installation of CT Scan machine at the General Hospital (Ernakulam, Kerala).
- 5) Construction of Sulabh Toilet Complex at Katra (Jammu).
- 6) Strengthening of facilities for orphan/destitute old age patients, ration support to shelter homes etc.



### B. Education and Skill Development:

- 1) Petronet Kashmir Super 50, Jammu Super 30 and National Super 30 (Delhi) towards imparting residential coaching & counselling support to 110 underprivileged students for preparation of JEE examination.
- 2) Skill Development training to youth in Plastics Technology with CIPET (Central Institute of Petrochemicals Engineering & Technology) at Ahmedabad, Kochi, Dehradun and Murthal.
- 3) Establishment of a state-of-the-art Multipurpose Auditorium at Maharani Laxmi Bai College, Hisar for Girls Education.
- 4) Running 200 Ekal Vidyalayas in rural Gujarat and Kerala provides digital literacy and primary computer education to rural youth & children focussing on the tribal population in the aspirational district of Sonbhadra U.P., in association with Ekal Gramothan Foundation.
- 5) Construction of School Building for Government Primary School, Lakhigam Village, Gujarat.





### C. Art, Culture and Heritage Development:

- 1) Development of Vipassana Park at Kapilvastu, Siddharthnagar, U.P.
- 2) Construction support to Purvasha Folk and Tribal Art Museum on the bank of Chilika at Barkul in Khurda district of Odisha.
- 3) Skill development workshop for promotion of Art & Culture in Guj, Raj, Jammu and Kashmir.



### D. Gender Equality & Welfare of the Divyangjan:

- 1) Distribution of sewing machines and imparting tailoring training to create self-employment for more than 2500 underprivileged women across locations in UP and Delhi/NCR.
- 2) Sanctioned transportation facilities for economically challenged differently abled students to a special child school in Delhi.
- 3) Arranged assessment and assistive devices distribution camps for blind and hearing impaired EWS people of Gujarat and Bihar.



### E. CONTRIBUTION TO PM CARES:

In a notable display of corporate social responsibility and commitment to the nation's welfare, PLL has donated Rs. 25 crores to the PM Cares Fund in FY 2023-24.



### **Awards & Accolades for CSR Initiatives**

### PLL has been conferred with the following National level awards and accolades:

- (i) CSR India Award 2022 by Greentech Foundation, in the category "Outstanding achievements in employment enhancing Skills" on 22<sup>nd</sup> August 2022.
- (ii) Felicitation by the Clean Ganga Fund (CGF) and National Mission for Clean Ganga (NMCG) on 4th November 2022.
- (iii) CSR Times Award in Gold Category for its pivotal role in Nation building for the Project "Installation of PSA Oxygen Generation Plants to combat COVID 19" on 8th December 2022.
- (iv) "Best Overall excellence in CSR Award" by ET Ascent for meaningful CSR Programs and making contributions to the Society at large, on 22<sup>nd</sup> December 2022.
- (v) 10<sup>th</sup> CSR Times Award 2023 for Skill Development on 21<sup>st</sup> August 2023.
- (vi) 'Best Education Improvement Award' at the 10<sup>th</sup> National Awards 2023 for Excellence in CSR & Sustainability on 15<sup>th</sup> September 2023.
- (vii) 10<sup>th</sup> Annual Greentech CSR India Award 2023 for its commendable contributions and initiatives for Gender Equality and Women Empowerment on 22<sup>nd</sup> November 2023.
- (viii) "Best CSR Impact Award" for the project Petronet Kashmir Super 50 at 9<sup>th</sup> Corporate Social Responsibility Awards 2023 by UBS Forums on 6<sup>th</sup> December 2023.









# PETRONET LNG LIMITED

### **REGISTERED & CORPORATE OFFICE**

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### **DAHEJ LNG TERMINAL**

GIDC Industrial Estate, Plot No. 7/A, Dahej, Taluka - Vagra, Dist. Bharuch - 392130 Gujarat, India, Tel:+91-2641-257249 GST No.: 24AAACP8148DIZM

### **KOCHI LNG TERMINAL**

Puthuvypu, Kochi - 682508, Kerala, India Tel:+91-0484-2502268, GST No.: 32AAACP8148DIZP

### **PETRONET ENERGY LIMITED**

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