

Sec.3.4.1(L)

18<sup>th</sup> March 2025

The Secretary,  
**BSE Ltd.,**  
Phiroze Jeejeebhoy Towers,  
Dalal Street,  
Mumbai 400 001  
**BSE Scrip Code: 500547**

The Secretary,  
**National Stock Exchange of India Ltd.,**  
Exchange Plaza, Plot No C/1,  
G Block, Bandra-Kurla Complex,  
Mumbai 400051  
**NSE Symbol : BPCL**

Dear Sir/Madam,

**Sub: Intimation under Regulation 30 of SEBI (Listing Obligations & Disclosure Requirements) Regulations, 2015 - Press Release(s)**

We enclose herewith copies of the press release made by the Company in respect of the following:

- a) BPCL Collaborates with BluJ Aerospace, ANERT, and CIAL to Launch the World's First Hydrogen-Powered VTOL Aviation Ecosystem
- b) BPCL Partners with KPIT Technologies to Enhance Hydrogen-Based Mobility in Kerala
- c) BPCL Launches "Emerge" Cohort under BPCL Ankur Fund to Foster Innovation in Energy Efficiency and City Gas Distribution

Thanking You,

Yours faithfully,  
For Bharat Petroleum Corporation Limited

(V. Kala)  
Company Secretary



## **BPCL Collaborates with BluJ Aerospace, ANERT, and CIAL to Launch the World's First Hydrogen-Powered VTOL Aviation Ecosystem**

- **Pioneering Green Hydrogen in Aviation for Sustainable and Efficient Air Mobility**

**Kochi, March 12, 2025:** In a significant advancement in sustainable aviation, Bharat Petroleum Corporation Limited (BPCL) has entered into a quadripartite Memorandum of Understanding (MoU) with BluJ Aerospace, the Agency for New and Renewable Energy Research and Technology (ANERT), Government of Kerala, and Cochin International Airport Limited (CIAL) to develop the first hydrogen-fueled Vertical Take-off and Landing (VTOL) aircraft ecosystem globally.

Signed in Kochi on March 12, 2025, this pivotal agreement aligns with India's goal of attaining Net Zero emissions by 2070 and represents a significant stride in aviation innovation. The project aims to transform urban and regional air mobility through the integration of green hydrogen-powered VTOL aircraft, enhancing speed, reducing noise, and improving efficiency while substantially cutting down carbon emissions.

### **BPCL's Contribution to Hydrogen-Powered Aviation**

In its crucial role, BPCL will establish hydrogen refuelling infrastructure for VTOL aircraft developed by BluJ Aerospace via its forthcoming Hydrogen Refueling Stations (HRS) in Kochi and Trivandrum. Furthermore, BPCL will engage in R&D endeavours focused on designing and developing an Indigenous Proton Exchange Membrane (PEM) Hydrogen Fuel Cell characterized by high power density to facilitate vertical lift-off, thereby advancing India's hydrogen technology capabilities.

### **Strategic Alliance for a Sustainable Future**

The MoU was executed by Shri Ranjan Nair, Business Head – Renewable Energy, BPCL, Shri Narendra Nath Veluri, IFS, CEO – ANERT, Shri Maruthi Amardeep Sri Vatsavaya, CEO – BluJ Aerospace, and Shri Manu G, Airport Director – CIAL with notable attendees including Shri K R Jyothilal, IAS, Additional Chief Secretary, Department of Energy, Government of Kerala, Shri Bhupinder Singh Bhalla, IAS, Ex-Secretary, MNRE, Government of India, Dr. Bharat L. Newalkar, CGM (R&D). Senior officials from both the state and central governments, ANERT and CIAL were also present.

### **A Milestone in the Future of Clean Aviation**

Commenting on this landmark partnership, Shri G. Krishnakumar, Chairman & Managing Director, BPCL, remarked, *"Green hydrogen holds the potential to transform aviation and urban mobility. This partnership reflects our resolve to lead in clean energy solutions that are innovative and practical for a sustainable future."*

### **Promoting Hydrogen Mobility Through Kerala's Hydrogen Valley Program**

BPCL's upcoming Hydrogen Refuelling Stations (HRS) in Kochi and Trivandrum will be strategically positioned to facilitate research and pilot projects within Kerala's Hydrogen Valley Program. These stations will be essential in promoting commercial hydrogen applications and encouraging the wider uptake of hydrogen-powered transportation solutions.

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With this initiative, **BPCL strengthens its position as a leader in green energy solutions**, setting the groundwork for **India's progression towards hydrogen-based aviation and transportation**.

### **About Bharat Petroleum Corporation Ltd. (BPCL):**

Fortune Global 500 Company, Bharat Petroleum is the second largest Indian Oil Marketing Company and one of the integrated energy companies in India, engaged in refining of crude oil and marketing of petroleum products, with presence in the upstream and downstream sectors of the oil and gas industry. The company attained the coveted Maharatna status, joining the club of companies having greater operational & financial autonomy.

Bharat Petroleum's Refineries at Mumbai, Kochi and Bina have a combined refining capacity of around 35.3 MTPA. Its marketing infrastructure includes a network of installations, depots, fuel stations, aviation service stations and LPG distributors. Its distribution network comprises over 22,000+ Fuel Stations, over 6,250 LPG distributorships, 525 Lubes distributorships, 123 POL storage locations, 54 LPG Bottling Plants, 63 Aviation Service Stations, 5 Lube blending plants and 4 cross-country pipelines as on 31.08.2024.

Bharat Petroleum is integrating its strategy, investments, environmental and social ambitions to move towards a sustainable planet. The company has chalked out the plan to offer electric vehicle charging stations at around 7000 Fuel Stations over next 5 years.

With a focus on sustainable solutions, the company is developing an ecosystem and a road-map to become a Net Zero Energy Company by 2040, in Scope 1 and Scope 2 emissions. Bharat Petroleum has been partnering communities by supporting several initiatives connected primarily in the areas of education, water conservation, skill development, health, community development, capacity building and employee volunteering. With 'Energising Lives' as its core purpose, Bharat Petroleum's vision is to be an admired global energy company leveraging talent, innovation & technology.

### **For further details, please get in touch with;**

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**End of Release**



## **BPCL Partners with KPIT Technologies to Enhance Hydrogen-Based Mobility in Kerala**

- **Collaboration Aims to Launch Hydrogen Fuel Cell Electric Buses Between Kochi and Trivandrum**

**Kochi, March 12, 2025:** Bharat Petroleum Corporation Limited (BPCL) has entered into a **Memorandum of Understanding (MoU) with KPIT Technologies** during the **Global Hydrogen and Renewable Energy Summit in Kochi** to promote hydrogen-based mobility initiatives in Kerala. This initiative, part of the **National Green Hydrogen Mission**, involves the establishment of **Hydrogen Refuelling Stations (HRS)** in Kochi and Trivandrum to support pilot mobility projects between the two cities, paving the way for safe and sustainable hydrogen-powered public transport.

The MoU was signed by **Shri Ranjan Nair, Business Head - Renewable Energy at BPCL**, and **Shri Ravi Pandit, Chairman of KPIT Technologies**, in the presence of notable figures including **Shri K R Jyothilal, IAS, Additional Chief Secretary, Department of Energy, Government of Kerala**, **Shri Bhupinder Singh Bhalla, IAS, Former Secretary, MNRE, Government of India**, **Dr. Bharat L. Newalkar, CGM (R&D)**, **Shri D. D. Sarkar, Project Head (Renewable Energy)**, along with senior officials from both the **Kerala State Government and the Central Government**.

### **Promoting Indigenous Hydrogen Technology for Clean Mobility**

This collaboration supports the **Aatmanirbhar Bharat** initiative by integrating **homegrown technologies** for a strong hydrogen ecosystem. BPCL plans to deploy a **locally developed alkaline electrolyser** for hydrogen production, and KPIT Technologies will contribute an **indigenously designed fuel cell-powered bus**.

After the MoU was signed, senior government officials were able to experience **Kerala's inaugural hydrogen-powered bus**, marking a significant achievement in transitioning to hydrogen as a viable clean fuel for public transport.

### **Pilot Project to Yield Essential Real-World Insights**

The project seeks to gather crucial data on the performance of **fuel cell buses in Kerala's varying climatic conditions**, which include **high humidity, temperature fluctuations, and heavy rainfall**. This information will enhance the reliability of fuel cell technology and support future extensive deployment of **hydrogen-powered transportation**.

BPCL's **Hydrogen Refuelling Stations** will create **high-purity (>99.99%) green hydrogen** for the buses, ensuring a **sustainable energy source**. BPCL will also gain practical experience in **hydrogen dispensing**, which will help develop a robust hydrogen mobility framework in India.

### **A Move Towards a Cleaner Tomorrow**

Commenting on the partnership, **Shri G. Krishnakumar, Chairman & Managing Director, BPCL**, said, *"Hydrogen-powered mobility is the future of sustainable transportation. Through this partnership, we are taking significant strides towards building a hydrogen ecosystem in India, providing clean, efficient, and locally developed solutions for public transport."*

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This initiative will assess the **operational reliability and durability of indigenous fuel cell stacks**, evaluate the feasibility of **fleet operations with passengers**, and facilitate the **wider adoption of hydrogen fuel cell vehicles** across India.

With this collaboration, BPCL further reaffirms its commitment to **green energy solutions**, contributing to India's overarching goal of a **cleaner and more sustainable future**.

### **About Bharat Petroleum Corporation Ltd. (BPCL):**

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Bharat Petroleum's Refineries at Mumbai, Kochi and Bina have a combined refining capacity of around 35.3 MMTPA. Its marketing infrastructure includes a network of installations, depots, fuel stations, aviation service stations and LPG distributors. Its distribution network comprises over 22,000+ Fuel Stations, over 6,250 LPG distributorships, 525 Lubes distributorships, 123 POL storage locations, 54 LPG Bottling Plants, 63 Aviation Service Stations, 5 Lube blending plants and 4 cross-country pipelines as on 31.08.2024.

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With a focus on sustainable solutions, the company is developing an ecosystem and a road-map to become a Net Zero Energy Company by 2040, in Scope 1 and Scope 2 emissions. Bharat Petroleum has been partnering communities by supporting several initiatives connected primarily in the areas of education, water conservation, skill development, health, community development, capacity building and employee volunteering. With 'Energising Lives' as its core purpose, Bharat Petroleum's vision is to be an admired global energy company leveraging talent, innovation & technology.

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**End of Release**



## **BPCL Launches "Emerge" Cohort under BPCL Ankur Fund to Foster Innovation in Energy Efficiency and City Gas Distribution**

- ***BPCL Offers Investment Opportunities to Energy Efficiency & CGD Startups. Energy Efficiency & CGD: BPCL's 'Emerge' Cohort Call for Applications.***
- ***The deadline for submission of applications is 10<sup>th</sup> April 2025.***

**Mumbai:** Bharat Petroleum Corporation Limited (BPCL), a Fortune Global 500 company, has announced the launch of the 'Emerge' cohort under the BPCL Ankur Fund to support startups in Energy Efficiency and City Gas Distribution (CGD). This reinforces BPCL's contribution towards India's transition to a greener and more efficient energy future through its commitment to fostering sustainability and innovation in the oil and gas sector.

Since its inception in 2016, BPCL through its startup initiative 'Ankur' has supported 30 startups with grants amounting to approximately ₹28 crores.

With the launch of the 'Emerge' cohort, BPCL through its 'BPCL Ankur Fund' aims to make investments in startups that have developed a Proof of Concept (PoC)/ prototype/ Minimum Viable Product (MVP), or fully implemented solution in the Oil & Gas sector or any other industry and are now ready to expand into Oil & Gas.

The applications for the Emerge cohort are open for startups across two key themes: Energy Efficiency and CGD. The Energy Efficiency theme focuses on innovative solutions that optimize energy consumption, enhance sustainability, and reduce greenhouse gas emissions within the oil and gas sector which includes advancements such as AI-powered energy management, predictive maintenance of equipment, heat transfer optimization, waste heat recovery solutions etc.

Under the City Gas Distribution theme, applications will focus on cutting- edge technologies that enhance customer experience, operational efficiency, safety, last mile connectivity and project execution.. It includes solutions like smart metering, pipeline monitoring & leak detection, predictive maintenance, AI-driven project execution tools etc. These themes align with BPCL's commitment to fostering a sustainable and technology-driven energy ecosystem.

BPCL Ankur Fund invites applications from eligible early-stage startups that are working under the specified thematic categories. Selected startups can receive investment of up to ₹5 crores through funding modes such as equity, Compulsory Convertible Preference Shares (CCPS), etc., with a maximum stake of 20%.To know more, please visit: <https://startup.bpcl.in/>

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