

## Kerala High Court Judges Praise BPCL's Brahmapuram CBG Plant as a Model for Organic Waste Management

***Justice Bechu Kurian Thomas describes the facility as “a successful model for organic waste treatment in the state”***

**Kochi, September 26, 2026: Bharat Petroleum Corporation Limited (BPCL), a Fortune Global 500 company and a Maharatna PSU,** received appreciation for its Compressed Biogas (CBG) plant at Brahmapuram, Kochi, during a visit by a team of the Kerala High Court.

Justices Bechu Kurian Thomas and Gopinathan P visited the Brahmapuram waste management facilities as part of a review of the waste treatment and management processes at the site. During the visit, the judges inspected BPCL's CBG plant and reviewed the facility's processes for the scientific treatment and conversion of biodegradable municipal waste.

The **BPCL CBG plant received special appreciation during the visit**, with Justice Bechu Kurian Thomas describing the facility as ***“a successful model for organic waste treatment in the state.”*** The recognition highlights the facility's approach to scientific waste management and conversion of biodegradable waste into useful energy and organic resources.

The Brahmapuram CBG project was conceived following the fire incident at the Brahmapuram waste management site in March 2023 and the subsequent directions of the Kerala High Court for a lasting solution to the city's waste management challenges. BPCL Kochi Refinery proposed setting up an MSW-based CBG plant at Brahmapuram, with the Government of Kerala approving the proposal in November 2023.

The facility is designed to process **150 tonnes of source-segregated biodegradable municipal solid waste per day**, supplied by the Kochi Municipal Corporation. The plant uses anaerobic digestion to convert biodegradable waste into biogas, which is purified and compressed into CBG, while the resulting digestate is processed into organic manure. Once fully operational, the facility is expected to produce approximately **5.6 tonnes of CBG and 28 tonnes of organic manure daily**. The CBG is transported through a dedicated pipeline to BPCL's Kochi Refinery for use as fuel.

The Brahmapuram facility brings together municipal waste processing, renewable fuel generation and recovery of organic resources within a single facility, providing a structured approach to the treatment and productive use of biodegradable waste.

The visit by the Kerala High Court judges and the appreciation extended to the facility underscore the significance of scientific and technology-led approaches to municipal waste management and the potential for converting urban waste into useful energy and resources.

### **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 MMTPA. Its marketing infrastructure includes a network of installations, depots, fuel stations, aviation service stations and LPG distributors. Its distribution network comprises over 25,300+ Fuel Stations, over 1000+ CNG stations, over 6,250+ LPG distributorships, 440+ Lubes distributorships, 81 POL storage locations, 57 LPG Bottling Plants, 81 Aviation Service Stations, 5 Lube blending plants and 6 cross-country pipelines.

Bharat Petroleum is integrating its strategy, investments, environmental and social ambitions to move towards a sustainable planet. The company has Electric vehicle charging stations at 6800+ Fuel Stations. 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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Raman Malik  
Head (PR & Brand),  
Email: [malikr@bharatpetroleum.in](mailto:malikr@bharatpetroleum.in)  
Phone: +91 22 22713340

Priyanka Shinde  
M: +91 84335 78070  
E: [priyanka.shinde@conceptpr.com](mailto:priyanka.shinde@conceptpr.com)

Saurabh Jain,  
Deputy General Manager (PR & Brand)  
Email: [jains4512@bharatpetroleum.in](mailto:jains4512@bharatpetroleum.in)  
Phone: + 91 9895095210