



# ORGANIC RECYCLING SYSTEMS LIMITED

CLEANTECH | INNOVATION | ENGINEERING

18<sup>th</sup> August 2025

BSE Limited  
Department of Corporate Services  
Listing Department  
P J Towers,  
Dalal Street,  
Mumbai - 400001  
Scrip Code: 543997

Dear Sir/Madam,

**Sub: Press Release.**

In accordance with Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith Press Release about ORS (the Company), through its wholly owned subsidiary Solapur Bioenergy Systems Private Limited begins generation and Dispatch of Compressed Biogas from IOCL Gorakhpur CBG Plant

We request you to take the same on record.

Thanking you,

Yours faithfully,

**For Organic Recycling Systems Limited**

Seema Gawas  
**(Company Secretary & Compliance Officer)**

**Organic Recycling Systems Ltd**

Registered / Corporate Address : 1003, The Affaires, Plot No.19, Sector-17, Sanpada, Navi Mumbai – 400705.

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## Solapur Bioenergy Systems Ltd. Begins Generation and Dispatch of Compressed Biogas from IOCL Gorakhpur CBG Plant



Caption

**Gorakhpur, Uttar Pradesh, 15<sup>th</sup> August 2025:** Solapur Bioenergy Systems Limited (SBESL), a subsidiary of Organic Recycling Systems Ltd. (ORSL), has successfully commenced the **generation and dispatch of Compressed Biogas (CBG)** from the **Indian Oil Corporation Ltd. (IOCL) Compressed Biogas Plant** located in Gorakhpur, Uttar Pradesh. This significant achievement reinforces India's green energy momentum and directly supports the Government of India's **SATAT (Sustainable Alternative Towards Affordable Transportation)** initiative.

*The Gorakhpur facility marks a vital step in converting agricultural waste into a **sustainable and commercially viable clean fuel**, providing long-term environmental and socio-economic benefits to the region.*

### ➤ Transforming Waste into Clean Fuel

*The Gorakhpur CBG plant utilizes **paddy straw, cow dung, and other agricultural residues** to produce high-purity Compressed Biogas. The plant plays a crucial role in:*

- *Mitigating stubble burning and open-air waste disposal.*
- *Reducing greenhouse gas emissions and dependency on fossil fuels.*
- *Creating a consistent supply of clean energy.*
- *Strengthening rural livelihoods through employment in feedstock supply chains and logistics.*

➤ **ORSL: Driving the Future of Waste-to-Energy in India**

*At the core of this project is the proven expertise of ORSL., a pioneer in India's waste valorisation sector. With over a decade of successful operations across the country, ORSL brings a robust and replicable model to every project it undertakes.*

➤ **Key Strengths of ORSL:**

**A. Technical Expertise & Innovation**

- *Decades of operational experience in anaerobic digestion and organic waste processing.*
- *Deployment of cutting-edge automation and process control systems for maximum gas yield and purity.*

**B. Sustainable Feedstock Management**

- *Strong grassroots partnerships with local farming communities for consistent biomass supply.*
- *Year-round procurement strategies that ensure uninterrupted plant operations.*

**C. Commitment to Compliance & Safety**

- *Adherence to all statutory and environmental regulations.*
- *Implementation of rigorous safety protocols and monitoring systems.*

**D. Scalable & Replicable Business Model**

- *Successful execution of large-scale bio-CNG, biomethanation, and organic waste treatment plants.*
- *Ability to scale operations with minimal environmental impact and high community acceptance.*

**Speaking on the Commencement, Mr. Sarang Bhand, Promoter and MD, stated that:**

*"The successful taking over of operation of the Gorakhpur CBG plant stands as a powerful testament to ORSL's deep-rooted expertise in delivering efficient, sustainable, and community-centric waste-to-energy solutions. This project reflects our unwavering commitment to transforming agricultural waste into clean, high-value energy while actively supporting rural livelihoods and driving environmental stewardship.*

*By combining cutting-edge technology with grassroots partnerships, we are not only reducing carbon emissions but also delivering far-reaching impact. This includes reducing fossil fuel imports, curbing stubble burning, improving air quality, and generating meaningful rural employment in biomass collection, logistics, and operations. It also strengthens the circular economy and promotes sustainable agricultural practices. Through initiatives like this, we are building a resilient, low-carbon*

*energy ecosystem that benefits both the environment and the economy, while reinforcing India's path toward energy independence."*

### **About Organic Recycling Systems Limited (ORSL)**

*Organic Recycling Systems Limited (ORSL) is a pioneering environmental engineering company specializing in sustainable waste management and valorisation solutions. Established in 2008 by technocrats, ORSL develops and deploys robust, cost-effective, and eco-friendly technologies across the entire waste value chain.*

*ORSL operates India's first municipal solid waste (MSW) processing plant based on a patented anaerobic biomethanation process, recognized by the Government of India under the National Master Plan. One of its flagship projects is located in Solapur, Maharashtra, where biodegradable waste is converted into **Compressed Bio-Gas (CBG)** and **fermented organic manure**, exemplifying a scalable circular economy model.*

**ORSL currently has a total processing capacity of 400 tonnes per day (TPD) across its facilities, with 50% of this capacity currently utilized.**

*The company's operations span three strategic business verticals:*

- **Project Development & Technology Licensing** – *Delivering turnkey projects and technology solutions for waste valorisation.*
- **Product Vertical** – *Offering a growing portfolio of bio-based products such as CBG, organic manure etc. that support sustainable energy and agriculture.*
- **Consulting Vertical** – *Providing specialized advisory services in environmental strategy, waste management, and regulatory compliance.*

*Recognized under the Swachh Bharat Mission for operational excellence and innovation, ORSL is actively pursuing EPC (Engineering, Procurement, and Construction) opportunities nationwide.*

*ORSL's research and innovation efforts are reinforced through collaborations with esteemed institutions such as **IIT Bombay (IITB)**, **AGH University Poland**, **University of Birmingham (UOB)**, and other technical partners. These partnerships continue to drive the company's intellectual property development and technological advancements in the environmental sector.*

*For further information on the Company, please visit <https://organicrecycling.co.in/>*

## **INVESTOR RELATIONS ADVISOR**

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