

IEW 2026: India's Bioenergy Growth Can Outpace Overall Energy Demand, Says Secretary, MoPNG at the Global Energy Conclave

IEA bioenergy outlook and PPAC journal highlight policy-led scale-up and role of States in energy security

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India's bioenergy sector has the potential to grow significantly faster than the country's overall energy demand and emerge as a key pillar of energy security, emissions reduction and rural development, said Neeraj Mittal, Secretary, Ministry of Petroleum and Natural Gas, on the third day of India Energy Week 2026 which is being held in Goa from 27th January to 30th January 2026.

Speaking on the Addition Stage at the release of the *IEA India Bioenergy Market Report: Outlook for Liquid and Gaseous Biofuels to 2030* and the 5th edition of the PPAC Journal *Ensuring Energy Security: Role of State Energy Policies*, Dr. Mittal emphasised the urgency of scaling sustainable energy solutions.

"India's energy consumption is in the lower half globally on a per capita basis, but its growth rate is almost twice the world average. In the next decade, India's energy growth could outstrip global growth by a factor of two or more," he said.

Highlighting the success of policy-driven outcomes, Dr. Mittal cited the ethanol blending programme as a global benchmark. "In 2014, ethanol blending was just 1.4 percent. Today, we are close to 20 percent, and we have enough domestic ethanol to go beyond that if technology and national vision take us there," he added. He noted that similar blending targets have been set for biodiesel, compressed biogas (CBG) and sustainable aviation fuel, underlining India's commitment to responsible and low-carbon energy growth.

The *IEA India Bioenergy Market Report*, released during the session by the International Energy Agency, presented a strong growth outlook for liquid and gaseous biofuels through 2030. Presenting key findings, Dr. Paolo Frankl, Head of the Renewable Energy Division at IEA, said India has already tripled its consumption of modern bioenergy since 2020, driven by a combination of blending mandates, targeted incentives, research support and supply-chain development. He added that under enhanced policy implementation, India could double biofuel deployment again by 2030, making it one of the fastest-growing bioenergy markets globally.

Dr. Frankl highlighted compressed biogas as a major emerging opportunity for India due to the country's vast agricultural residues and organic waste potential. He added that improved feedstock aggregation, infrastructure proximity and stable offtake mechanisms would be critical to sustaining growth and lowering costs.

Complementing the IEA report, Petroleum Planning and Analysis Cell (PPAC) released the 5th edition of its bi-annual technical journal. P Manoj Kumar, Director General, PPAC, said the edition focuses on the pivotal role of state-level energy policies in strengthening availability, affordability and resilience. He added that the journal brings together contributions from states, policymakers and institutions, reinforcing evidence-based policymaking and cooperative federalism in the energy sector.

Charlotte Morton, Chief Executive of the World Biogas Association, contributed to the Panel's deliberation with crucial insights on the need for a cohesive national framework for biogas. She highlighted biogas as a multi-benefit solution that supports waste management, rural livelihoods, emissions reduction and decentralised energy systems, and called for stronger coordination across policies, finance and markets.

About India Energy Week

India Energy Week is the country's flagship global energy platform, bringing together government leaders, industry executives and innovators to accelerate progress toward a secure, sustainable and affordable energy future. As a neutral international forum, IEW drives investment, policy alignment and technological collaboration shaping the global energy landscape.

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