

RAJYA SABHA

UNSTARRED QUESTION NO. 298

TO BE ANSWERED ON 21.07.2026

USE OF AGRICULTURAL RESIDUE AND ORGANIC WASTE FOR COMPRESSED BIOGAS IN BIHAR

QUESTION	ANSWER
Dr. Bhim Singh Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:	SHRI SHRIPAD YESSO NAIK, MINISTER OF STATE FOR NEW & RENEWABLE ENERGY
(a) the total number of proposals received from the State of Bihar for setting up Compressed Biogas (CBG) or bio-energy plants using agricultural residues and organic waste; and	(a) Under the Phase-I of National Bioenergy Programme, 11 number of bio-energy proposals were received in the Biourja portal from the State of Bihar.
(b) if no such proposals or very few proposals are received, the corrective steps Government is taking to attract rural entrepreneurs to promote bio-energy projects?	(b) Various steps taken by the Government to attract rural entrepreneurs to promote bio-energy projects, inter-alia, include: i. The Ministry of New and Renewable Energy has been implementing the Phase-I of National Bioenergy Programme (NBP) for the period FY 2021-22 to FY 2025-26, to support setting up of bio-energy plants for generation of biogas, BioCNG, briquettes, pellets, and power, by providing central financial assistance (CFA). Further, the programme has been extended till 30.09.2026.

	ii. The Ministry of Petroleum and Natural Gas (MoPNG), under the Sustainable Alternative Towards Affordable Transportation (SATAT) initiative envisages setting up of 5000 BioCNG plants with production target of 15 MMT of BioCNG by 2023-24. SATAT initiative encourages entrepreneurs to set up BioCNG plants, produce & supply BioCNG to Oil Marketing Companies (OMCs) for sale as automotive fuels. iii. Department of Drinking Water and Sanitation (DDWS) launched Galvanizing Organic Bio-Agro Resources Dhan (GOBAR-DHAN) scheme in 2018. Gobardhan is an integral part of Swachh Bharat Mission Phase II under Solid Waste Management. The operational guidelines of Phase-II of SBM(G) provide for financial assistance up to Rs. 50.00 lakh per district for the period of 2020-21 to 2024-25 for setting up of cluster/community level biogas plants. iv. MoPNG has been implementing the Scheme for providing financial assistance to Compressed Bio Gas (CBG) producers for procurement of Biomass Aggregation Machinery (BAM). v. MoPNG has been implementing the Scheme for Development of Pipeline Infrastructure (DPI) for injection of Compressed Bio Gas (CBG) in City Gas Distribution (CGD) network.
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	vi. Concession is available on custom duty for import of machinery and components required for initial setting up of projects for generation of BioCNG/Power from non-conventional materials. vii. BioCNG/Compressed Bio-Gas has been included under Priority Sector Lending. viii. Several states including BRENDA, has notified their Renewable Energy policies, which inter-alia includes support for bio-energy projects. ix. The Ministry of Power launched the SAMARTH (Sustainable Agrarian Mission on use of Agri-Residue in Thermal Power Plants) initiative in 2021 to promote biomass co-firing in coal-based thermal power plants. Under the Mission, thermal power plants are mandated to progressively blend biomass pellets with coal (currently 5%, with higher targets in notified regions).
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GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
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BIOGAS IN BIHAR**

298. DR. BHIM SINGH

Will the Minister of **NEW AND RENEWABLE ENERGY** be pleased to state:

- (a) the total number of proposals received from the State of Bihar for setting up Compressed Biogas (CBG) or bio-energy plants using agricultural residues and organic waste; and
- (b) if no such proposals or very few proposals are received, the corrective steps Government is taking to attract rural entrepreneurs to promote bio-energy projects?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) Under the Phase-I of National Bioenergy Programme, 11 number of bio-energy proposals were received in the Biourja portal from the State of Bihar.
- (b) Various steps taken by the Government to attract rural entrepreneurs to promote bio-energy projects, inter-alia, include:
 - i. The Ministry of New and Renewable Energy has been implementing the Phase-I of National Bioenergy Programme (NBP) for the period FY 2021-22 to FY 2025-26, to support setting up of bio-energy plants for generation of biogas, BioCNG, briquettes, pellets, and power, by providing central financial assistance (CFA). Further, the programme has been extended till 30.09.2026.
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- iv. MoPNG has been implementing the Scheme for providing financial assistance to Compressed Bio Gas (CBG) producers for procurement of Biomass Aggregation Machinery (BAM).
- v. MoPNG has been implementing the Scheme for Development of Pipeline Infrastructure (DPI) for injection of Compressed Bio Gas (CBG) in City Gas Distribution (CGD) network.
- vi. Concession is available on custom duty for import of machinery and components required for initial setting up of projects for generation of BioCNG/Power from non-conventional materials.
- vii. BioCNG/Compressed Bio-Gas has been included under Priority Sector Lending.
- viii. Several states including BRENDA, has notified their Renewable Energy policies, which inter-alia includes support for bio-energy projects.
- ix. The Ministry of Power launched the SAMARTH (Sustainable Agrarian Mission on use of Agri-Residue in Thermal Power Plants) initiative in 2021 to promote biomass co-firing in coal-based thermal power plants. Under the Mission, thermal power plants are mandated to progressively blend biomass pellets with coal (currently 5%, with higher targets in notified regions).
