

LOK SABHA
UNSTARRED QUESTION No. 511
TO BE ANSWERED ON 06th February, 2025

EXPANSION OF FEEDSTOCK BASE TO PROMOTE BIO-DIESEL PRODUCTION

†511. SHRI ALOK SHARMA:
SHRI JASWANTSINH SUMANBHAI BHABHOR:
SHRI SUKHJINDER SINGH RANDHAWA:
SHRI DARSHAN SINGH CHOUDHARY:
SHRI SHANKAR LALWANI:
SHRI SHER SINGH GHUBAYA:
SHRI SANJAY HARIBHAU JADHAV:
SHRI NABA CHARAN MAJHI:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the present status of the feedstock base along with the quantity of bio-diesel being produced in the country, State-wise;
- (b) whether any other sources are being considered by the Government to expand the feedstock base for bio-diesel production;
- (c) if so, the details thereof;
- (d) whether there is any proposal to produce bio-gas from agricultural waste and if so, the details thereof;
- (e) whether any promotional schemes have been formulated to encourage private sector investment in bio-diesel production and if so, the details thereof;
- (f) the number of private sector companies invested in the said project during the last five years and the current year;
- (g) whether the Government has any plan to set up new ethanol plant in Mayurbhanj District of Odisha and if so, the details thereof; and
- (h) whether the Government proposes to adopt PPP model in bio-diesel production, if so, the details thereof and if not, the reasons therefor?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री
(श्री सुरेश गोपी)

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS
(SHRI SURESH GOPI)

(a) to (c) The National Policy on Biofuels-2018, as amended in 2022, has identified various feedstocks for bio-diesel production, which *inter-alia* include non-edible oilseeds, used cooking oil (UCO), animal tallow, acid oil, short gestation non-edible oil rich crops, algal feedstock etc. Currently, 107 plants are registered with Public Sector Oil Marketing

Companies for supply of bio-diesel. The State-wise details of these plants along with their production capacities are given below:

State	Nos. of Plants	Capacity* (KL per Day)
Andhra Pradesh	8	2198
Assam	1	23
Gujarat	19	1777
Haryana	4	143.5
Jharkhand	2	100
Karnataka	4	701
Madhya Pradesh	5	116
Maharashtra	7	244.5
Odisha	2	60
Punjab	1	10
Rajasthan	17	1306
Tamil Nadu	6	1275
Telangana	6	168
Uttar Pradesh	18	957
West Bengal	7	1560
Grand Total	107	10639
*Name plate capacity (as per 'Consent to Operate' issued by Pollution Control Board)		

(d) Government has launched SATAT (Sustainable Alternative Towards Affordable Transportation) initiative on 1.10.2018 with the aim of establishing an ecosystem for production and use of compressed biogas (CBG) from various waste/ bio-mass sources including agri-residue. Under this initiative CBG plants are set up across the country, based on the techno-commercial feasibility and feed stock availability. Oil and Gas Marketing Companies (OGMCs) viz. IOCL, HPCL, BPCL, GAIL, and IGL invite expression of interest (EOI) from the entrepreneurs for procurement of CBG for further marketing.

(e) & (f) The Government has taken several measures to encourage investment in biodiesel production which *inter-alia* include prescribing indicative target of blending of biodiesel in diesel / direct sale of biodiesel under the National Policy on Biofuels, notifying of "Guidelines for sale of biodiesel for blending with high speed diesel for transportation purposes-2019", reduction of GST rate for procurement of biodiesel for blending programme from 12% to 5%, etc. Further, "Pradhan Mantri JI-VAN (Jaiv Indhan - Vatavaran Anukool fasal awashesh Nivaran) Yojana" 2019 has been amended in August 2024 for granting financial assistance for setting up Advanced Biofuel Projects including bio-diesel.

(g) Ethanol production plants are set up by entrepreneurs/companies/co-operative societies etc. depending upon the techno-economic viability of the project as per their investment plans.

(h) Bio-diesel production plants are set up by the project proponents in the private sector depending on the commercial/ economic viability of the project. Currently, there is no proposal to adopt PPP model for Bio-diesel production.
