

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS & FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UN STARRED QUESTION NO. 839 TO BE ANSWERED ON: 07.02.2025

Market Development Assistance for Promotion of Organic Fertilizers

839. SHRI KESINENISIV ANATH

Will the Minister of **CHEMICALS AND FERTILIZERS** be pleased to state:

- (a) the details regarding the total number of applications received from Fertilizer Marketing companies (FMCs) and Biogas/ Compressed Biogas plants (BG/CBG) and approved to market organic fertilizers covered under Market Development Assistance (MDA) subsidy, State-wise;
- (b) the details regarding the number of marketing agreements finalized between FMCs and BG/ CBG plants, State-wise;
- (c) the details regarding the number of Phosphate Rich Organic Manure (PROM) manufacturing facilities planned to be established near BG/ CBG plants, State-wise;
- (d) the details regarding the amount of MDA claimed by marketing entities and disbursed, State-wise and sales-data wise; and
- (e) the details regarding the number of Research and Development (R&D) proposals received and approved under MDA, State-wise

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS

(SMT. ANUPRIYA PATEL)

(a): The Government has approved the Market Development Assistance (MDA) @ ₹ 1500/MT to promote organic fertilizers i.e., manure produced at plants under GOBARdhan initiative covering different biogas/CBG support schemes/programmes of stakeholders Ministries/ Departments at the total outlay of ₹1451.84 crore (FY 2023-24 to 2025-26), which includes a corpus of ₹360 crore for research gap funding etc.

Total 81 applications have been received from Biogas/ Compressed Biogas plants (BG/CBG) and approved to market organic fertilizers under Market Development Assistance (MDA) subsidy scheme. Fertilizer Marketing Companies (FMCs) are allowed to market packed FOM (Fermented Organic Manure)/LFOM (Liquid Fermented Organic Manure) /PROM (Phosphate Rich Organic Manure). The State-wise details of 81 CBG plants and FMCs are at **Annexure-I** and **Annexure-II**.

(b): Total 39 Memorandum of Understanding (MoUs) have been signed by Fertilizer Marketing Companies with CBG operators for marketing of FOM/LFOM. The State-wise details of 39 MoUs are at **Annexure-II**.

(c): At present, there are few CBG plants that are engaged in production/sale of PROM. The details of CBG plants registered under MDA which are manufacturing/selling PROM are given at **Annexure-III**.

(d): Release of subsidy under MDA Scheme as on 31.01.2025 is Rs. 16.00 Cr. for total Quantity of 1,19,490.07 MT. Details are at **Annexure-IV**.

(e): After examination by R&D committee, 3 proposals have been approved by Department of Fertilizers. Details are at **Annexure-V**.

Annexure-I

Annexure referred to in reply to part (a) of Lok Sabha Unstarred Question No. 839 for answering on 07.02.2025

List of 81 CBG/BG Plants approved to market FOM/LFOM/PROM under MDA Scheme.

S. No. (States)	State Name	District Name	S. No. (Plants)	Entity Name
1	Andhra Pradesh	EAST GODAVARI	1	GAYATHREE INNOVATIVE ENERGIES PRIVATE LIMITED
		KURNOOL	2	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		GUNTUR	3	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		TIRUPATI	4	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		VISAKHAPATNAM	5	Vyzag Bio Energy Fuel Pvt Ltd
2	Bihar	Bikramganj	6	Utkarsh Bio- Pluse FOM
3	Gujarat	AHMEDABAD	7	AKSHAR BIOTECH PVT LTD
		ANAND	8	Bharat Biogas Energy Limited
		SURAT	9	VICTORY GREEN ENERGIES PVT LTD
		KHEDA	10	Govardhannathji Energies LLP
		SURENDRANAGAR	11	Greenearth bio gas pvt ltd
		VADODARA	12	Atmos AJ'S Fuels Private Limited
		BANAS KANTHA	13	Banaskantha District Co-operative Milk Producers Union LTD., Palanpur
		BHARUCH	14	Turquoise Bio Natural Energy
		BHARUCH	15	APEX GREEN ENERGY CORPORATION
		JAMNAGAR	16	RELIANCE NEW SOLAR ENERGY LIMITED
		SURAT	17	GLOW GREEN BIOTECH
SURENDRANAGAR	18	Chem Process Systems Private Limited		
4	Haryana	ROHTAK	19	Spectrum Renewable Energy Pvt Ltd
		ROHTAK	20	Akshay Urja Manthan Biofuel Private Limited
		KARNAL	21	RAMA GREEN ENERGIES
		PANIPAT	22	Reliance Bio Energy Limited
		SONIPAT	23	LR Energy VrindavanPvt. Ltd.
		KARNAL	24	Amrit Fertilizers

		KARNAL	25	LR Energy KarnalPvt. Ltd.
		YAMUNANAGAR	26	SPS BIO-CHEM PRIVATE LIMITED
		KURUKSHETRA	27	Sainsons Paper Industries Pvt Ltd FOM
5	Karnataka	RAMANAGARA	28	Sustainable Impacts Private Limited
		KODAGU	29	SYMERGY PROJECTS PRIVATE LIMITED
		BAGALKOT	30	LeafintiBioenergy Private Limited
		HAVERI	31	Kyathi Green Energy Pvt Ltd
6	Madhya Pradesh	INDORE	32	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		INDORE	33	INDORE CLEAN ENERGY PRIVATE LIMITED
		JABALPUR	34	ENVIROCARE CBG PRIVATE LIMITED
		BHOPAL	35	Shri DayodayUrjaEvamJaivikKhaad Pvt Ltd
		SATNA	36	Bhalla Dairy Farm FOM
7	Maharashtra	AURANGABAD	37	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		PUNE	38	Nobleexchange Environment Solutions Pune LLP
		SANGLI	39	Clarus Bioenergy Pvt.Ltd
		KOLHAPUR	40	Spectrum Renewable Energy Pvt Ltd
		OSMANABAD	41	NATURAL SUGAR AND ALLIED INDUSTRIES LTD
		Phaltan	42	Greenfield Agrichem industries Pvt Ltd
		PUNE	43	UNITED BIOENERGY PRIVATE LIMITED
		Solapur	44	SolapurBio Energy systems Pvt Ltd FOM
8	Punjab	LUDHIANA	45	T.R. Mega Foods and Beverages LLP
		FAZILKA	46	Anand Energy
		BARNALA	47	Arc Bio Fuel Pvt Ltd
		SANGRUR	48	Verbio India Private Limited
		GURDASPUR	49	MEPL Bio-Energy LLP
		LUDHIANA	50	Farm Gas Private Limited
		SANGRUR	51	Sangrur RNG Private Limited
		PATIALA	52	Patiala RNG Private Limited
9	Rajasthan	UDAIPUR	53	Blue Planet Integrated Waste Solutions Ltd., Formerly Mahindra Waste To Energy Solutions Limited
		JALOR	54	Transtech Green Power Pvt Ltd
10	Tamil Nadu	CUDDALORE	55	Energim Sustainable Solutions Cuddalore Pvt Ltd
		NAMAKKAL	56	IAV Biogas Private Limited
		RANIPET	57	MAHA SHANK ENERGY LLP
		CUDDALORE	58	SLR ENERGY
		Krishnagiri	59	R D AGRO BIO CNG PLANT (TN01001465)

11	Telangana	MAHBUBNAGAR	60	Solika Energy Pvt Ltd
		SIDDIPET	61	Carbon Masters India Private Limited
12	Uttar Pradesh	BARABANKI	62	Reliance Industries Limited
		KANPUR DEHAT	63	A.A. BIOENERGIES
		MEERUT	64	CIRCLE CBG INDIA PRIVATE LIMITED
		BAREILLY	65	Carbon Circle Pvt. Ltd.
		HAPUR	66	MITTAL ENTERPRISES
		MUZAFFARNAGAR	67	Biospark Energy Pvt Ltd
		KANPUR NAGAR	68	SamagraAgro
		MUZAFFARNAGAR	69	Girvar Bioenergy Private Limited
		MUZAFFARNAGAR	70	P S Greengas
		MEERUT	71	ANANDMANGAL INFRADEVELOPERS PRIVATE LIMITED
		VARANASI	72	Gobardhan Varanasi Foundation SPV
		MUZAFFARNAGAR	73	Indian Potash Limited
		CHANDAULI	74	Varanasi 100 MTPD biogas plant
		BALRAMPUR	75	Lakhimpur Kheri RNG Pvt. Ltd.
		GAUTAM BUDDHA NAGAR	76	Blue Planet Environmental Solutions India Pvt. Ltd.
			77	Buland Bio Gas FOM
Agra	78	Indian Agro Organics FOM		
13	Uttarakhand	HARIDWAR	79	Anarobic Energy Private Limited
		HARIDWAR	80	Shree Krishnayan Desi Gauraksha Evam Gaulok Dham Sewa Samiti
14	West Bengal	BIRBHUM	81	PHOENIX INDIA RESEARCH AND DEVELOPMENT GROUP

Annexure-IIAnnexure referred to in reply to part (b) of Lok Sabha Unstarred Question No. 839 for answering on 07.02.2025**STATUS OF 39 MOUs BY FMC WITH CBG OPERATORS**

Sl. No.	Name of the Company	States	MoUSignedwith CBG Operator
1.	FACT	Kerala	1. SLR Energy, Cuddalore, Tamil,Nadu 2. Energim Biogas Technologies, Tamil Nadu 3. Mahindra Waste to Energy Solution Limited, Maharashtra
2.	RCF	Maharashtra	1. Clarus Bio Energy Pvt. Ltd, Maharashtra 2. United Bio-energy Pvt. Ltd, Maharashtra 3. Spectrum Renewable Energy Pvt Ltd Kolhapur, Maharashtra. 4. Leafinity Bio-Energy Pvt Ltd, Bagalkot Karnataka. 5. IAV Biogas Pvt Ltd, Bagalkot, Karnataka. 6. Noble Exchange Solutions, Maharashtra 7. RD Agro Inputs, Karnataka
3.	GNVFC	Gujarat	1. Govardhannathji Energies LLP, Gujarat 2. AARYAN Associates & CO, Vadodara Gujarat.
4.	NFL	Punjab	1. Spectrum Renewable Energy Private Limited, Maharashtra 2. ANAROBIC ENERGY PRIVATE LIMITED, Uttrakhand 3. SLR ENERGY, Tamil Nadu 4. A.A. BIOENERGIES, Uttar Pradesh 5. RELIANCE INDUSTRIES LIMITED, Uttar Pradesh 6. Mahindra Waste to Energy Solution Ltd, Madhya Pradesh. 7. R. D. Agro Inputs, Tamil Nadu 8. MD Biocoals Pvt. Limited, Haryana 9. Biospark Energy Private Limited, Uttar Pradesh 10. Farm Gas Private Limited, Punjab 11. Reliance Chemicals and Materials Limited, Delhi 12. Bhalla Dairy Farm, Madhya Pradesh 13. Indian Agro Organics, Uttar Pradesh 14. Reliance Bio Energy Limited, Haryana 15. Indore Clean Energy Private Limited, Madhya Pradesh 16. LakhimpurKheri RNG Pvt. Limited, Uttar Pradesh 17. SD angrur RNG Private Limited, Punjab

5.	PPL	Uttar Pradesh	1. M/s GOBARDhan Varanasi Foundation, Varanasi, Uttar Pradesh 2. PS Green Gas, Uttar Pradesh
6.	Matix	West Bengal	1. Phoenix India Research & Development Group, West Bengal
7.	MCFL	Karnataka	1. Leafnity Bioenergy Private Limited, Karnataka
8.	KRIBHCO	Uttar Pradesh	1. Biospark Energy Private Limited, Uttar Pradesh 2. M/s Farm Gas, Punjab 3. M/s Rdagro, Tamil Nadu
9.	SPIC/Greenstar	Tamil Nadu	1. RD Agro Inputs Biogas Unit, Uthangarai, Tamil Nadu
10.	MFL	Tamil Nadu	1. IAV Biogas technologies, Namakkal, Tamil Nadu 2. RD AGro Inputs, Krishnagiri, Tamil Nadu

Annexure referred to in reply to part (c) of Lok Sabha Unstarred Question No. 839 for answering on 07.02.2025

State-wise CBG plants engaged in Manufacturing/sale of PROM

S. No.	States	Name of the CBG plants
1	Andhra Pradesh	GayathreeInnovative Energies Private Limited
2	Gujarat	BanaskanthaDistCo opMilk Producers Union Ltd
3	Gujarat	Bharat Biogas Energy Ltd
4	Gujarat	Govardhannathji Energies LLP
5	Gujarat	GREENEARTH BIOGAS PVT LTD
6	Haryana	AkshayUrjaManthan Biofuel Pvt Ltd
7	Haryana	AMRIT FERTILIZER FOM
8	Haryana	SPS Bio Chem Pvt Ltd FOM
9	Maharashtra	Spectrum Renewable Energy Private Limited
10	Tamil Nadu	RD Agro Inputs

Annexure-IV

Annexure referred to in reply to part (d) of Lok Sabha Unstarred Question No. 839 for answering on 07.02.2025

Details of MDA released to CBG operators/FMCs as on 04.02.2025

S. No.	States	Name of Unit	Bill Month	Bill Year	Amount Released (Rs. in Cr)	Qty. (in MT)
1	Gujarat	Govardhannathji Energies LLP	Dec-June	2023-24	5.04	33604.19
2	Gujarat	GREENEARTH BIOGAS PVT LTD	Jun	2024	0.77	7968.75
3	Gujarat	GNVFC	Sep	2024	0.0004	63.22
4	Haryana	Amrit Fertilizer	Feb	2024	0.4	2990
5	Karnataka	LEAFINITI BIOENERGY PVT LTD	Dec-June	2023-24	0.12	795.74
6	Karnataka	RCF	Feb-Mar	2024	0.02	101.15
7	Punjab	VERBIO INDIA PRIVATE LIMITED	Jan-June	2024	6.07	40455
8	Punjab	T R Mega	Mar-Oct	2024	1.06	9107
9	Punjab	ARC Biofuel	Mar-Sep	2024	1.98	17769
10	Tamil Nadu	SLR	Jan-June	2024	0.06	807.62
11	Uttar Pradesh	Paradeep Phosphate Limited	Jun	2024	0	1.4
12	Uttar Pradesh	Biospark Energy Pvt. Ltd	Sep-Nov	2024	0.24	3161
13	Uttar Pradesh	Mittal Enterprises	Sep-Nov	2024	0.15	1976
14	Uttarakhand	SHREE KRISHNAYAN DESI GAURAKSHAAM GOLOK DHAM SEW	Mar-Apr	2024	0.1	690
TOTAL					16.00	1,19,490.07

Annexure referred to in reply to part (e) of Lok Sabha Unstarred Question No. 839 for answering on 07.02.2025

Research & Development proposals under Market Development Assistance (MDA)

The following three projects have been approved:

Sl. No.	Agency	Project	Period	Amount (Rs. In Lakhs)	Status
1.	Indian Council of Agriculture Research (ICAR)	Enrichment of FOM produced from CBG plants and development of package of practices (PoP) for major crops	2 years (w.e.f. 30.08.2024)	235.00	Approved
2.	Dr. Y.S. Parmar University of Horticulture & Forestry	Efficacy studies of "PROM" on important vegetable crops.	3 years (w.e.f. 27.08.2024)	98.33	Approved
3.	Indian Council of Agriculture Research (ICAR)	Awareness about FOM/LFOM amongst farmers and conducting FOM demonstrations/ pilot study at KVK farm and farmers' field	2 years (w.e.f. 29.11.2024)	1179.00	Approved
	Total			1512.33	
