

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1613
TO BE ANSWERED ON 20.12.2018**

CONVERSION OF WASTE INTO COMPOST

†1613. SHRI HARIOM SINGH RATHORE:

**Will the Minister of POWER
be pleased to state:**

- (a) the details of the major achievements in the projects of converting waste to compost and generating energy;**
- (b) if so, the details thereof;**
- (c) the names of the cities where the work of converting waste to compost and generating energy is going on including the list thereof;**
- (d) the total amount spent on both the above projects and the proposed future plans in this regard; and**
- (e) whether the private companies have shown any interest in these projects and if so, the details thereof?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER
AND NEW & RENEWABLE ENERGY**

(SHRI R. K. SINGH)

(a) to (c) : The details of the major achievements in the projects of converting waste to compost and generating energy are as under:

- The Swachh Bharat Mission –Urban(SBM-U) provides Central share funds for State High Power Committee (SHPC) approved proposals for establishment of Waste to Compost (WtC) and Waste to Energy (WtE) plants from State Governments/UTs. There are 635 numbers of WtC plants functioning with the actual output of 17.58 lakhs tons per annum of compost.**

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- **Power generation capacity of 249.73 MW, biogas generation capacity of 6,65,606 m³/ day 55.46 MW equivalent (MWeq) and BioCNG generation capacity of 50428kg/ day (10.05 MWeq) with cumulative achievement of 315.24 MWeq have been achieved till 30.11.2018. The details of the plants are given at Annexure.**
- **As per Ministry of Agriculture, the Government has taken steps to produce/promote the use of manures from organic waste. Under National Mission of Sustainable Agriculture (NMSA) assistance is provided for setting up of mechanized Fruit/ Vegetable market waste/ Agro waste compost production unit 100% financial assistance to State Government/ Government Agencies upto a maximum limit of Rs.190.00 lakh per unit and 33% of project cost maximum limited to Rs.63 lakh per unit for individuals/private agencies through NABARD as capital investment for establishment of agro/vegetable waste compost production units of 3000 Tonnes Per Annum (TPA) production. Under Paramparagat Krishi Vikas Yojana (PKVY), assistance is provided for organic conversion, organic inputs, on-farm input infrastructure @ Rs.31,000/hectare for 3 years and under Mission Organic Value Chain Development for North Eastern Region (MOVCD-NER), assistance is provided for on-farm and off-farm inputs production infrastructure @ Rs 3750/hectare for 3 years.**

(d) & (e) : The waste to energy projects are set up by private developers and the Ministry of New and Renewable Energy (MNRE) provides central financial assistance under Waste to Energy Scheme. The total amount spent is not known/monitored. However, during the last 3 years an amount of Rs. 44.95 Crores has been provided by MNRE to various Waste to Energy projects as central financial assistance.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 1613 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.

Sr. No.	Project	Project Developer	Location of Plant	Capacity (MWeq.)
1	14040 m3 /day Biogas plant from starch industry waste	M/s Vijaynagar Bio Tech Ltd.	Kotha Kopperla Vill. Usapatiregu- Mandal, Vizianagarm District, A.P	1.17
2	12000 m3/day Biogas Generation Plant from Oil Extraction Industry	M/s Radhika Vegetable Oils Pvt. Ltd.	Shreeramnagar Vizianagaram Dist., A.P--535101,	1.00
3	24000 m3/day Biogas Generation Plant from Oil Extraction Industry	M/s NavaBharat Ltd (formely Nava Bharat Agro Products Ltd)	Uppalametta, Jangareddigudem, West Godavari Distt. A. P.	2.00
4	8000 m3 /day Biogas Generation Plant from Starch Industry Effluent	M/s Vensa Biotek Ltd	Vensa Biotek, Samalkot, A.P.	0.70
5	9000 m3/day Biogas plant. and 0.26 MW biogas based power plant from Decanter cake,Poultry litter, Cattle dung and Agricultural residue.	M/s Synergy Biorefineries Pvt. Ltd.	Samalkot, East Godavari Dist., A.P.	1.01
6	6 MW power plant based on palm fruit empty bunches and other industrial wastes- combination of boiler and turbine	M/s Food Fats and Fertilizer Ltd.	Tadepalligudem, West Godavari Dist.	6.00
7	0.95 MW Power plant based on direct combustion of palm fruit waste from Palm Oil Extraction Plant	M/s Nava Bharat Agro Products Ltd.	Uppalmetta, Jangareddigudem, West Godavari Dist., A.P.	0.95
8	1.0MW Power plant based on Biogas from Palm Oil Extraction Plant	M/s Nava Bharat Agro Products Ltd.	Uppalametta, Jangareddigudem, West Godavari Distt. A. P.	1.00
9	1.2MW Power plant based on Biogas from Distillery Effluent	M/s Vijaynagar Bio Tech Ltd.	Pusapatiregu, Mandal, Vizianagram, A.P.	1.20
10	7.5MW Poultry liitter based Power Project	M/s Redan Infrastructure Pvt. Ltd.	Kallupalli Village, Gangavaram Mandal, Chittoor Dist., A.P.	7.50
11	2.75MW Power plant based on Biogas from Oil Industry Effluent	M/s Gowthami Oil Solvents Ltd.	Gowthami Oil Solvents Ltd.,Tanuku, A.P.	2.75
12	4.0 MW Power plant from direct combustion of Starch Industry Solid waste	M/s Vensa Biotek Ltd	Vensa Biotek Ltd., East GodavariDistrict, Samalkot, A.P.	4.00
13	6.0 MW Power plant based on MSW	M/s Sriram Energy Systems Ltd.	Vijaywada, A.P.	6.00
14	3.0 MW Power plant based on Biogas from Palm Oil Industry Effluent	M/s Sai Renewables (P) Ltd.	Kamavarakupota, West Godavari District. A.P.	3.00

15	0.15 MW Power generation from vegetable market wastes, sewage sludge and slaughter house wastes.	Municipal Corporation	Vijaywada , AP	0.15
16	1.0 MW Power plant based on Biogas from Sugar Industry Effluent	M/s Sri Survaraya Sugars Ltd.	Chelluru Village, East Godavari Distt., A.P.	1.00
17	1.0 MW Power plant based on Biogas from Sugar Industry Effluent	M/s Jeypore Sugar Company Ltd.,	Chagallu Village, West Godavari Distt.	1.00
18	0.75 MW Power plant based on Biogas from Distillery Effluent	M/s Tern Distilleries (P) Ltd.	Tallapalam Village, Visakhapatanam, A.P.	0.75
19	3.66 MW Power plant based on Poultry Litter-Boiler and Steam Turbine	M/s Raus Power Ltd.,	Dupalapudi, East Godavari Distt., A.P.	3.66
20	1.6 MW Power plant based on Biogas from Palm Oil Industry Effluent	M/s Goderj Oil Palm Limited	Ch. Potheipalli dawarka, Tirumala Mandal, West Godawari Dist. A.P.	1.60
21	12000 m3/day Biogas Generation Plant from Strach Industry effluent	M/s Auro Sundram International Pvt. Ltd.	Biada Industrial Area, Forbesganj, Dist. Arariya, Bihar	1.000
22	0.33 MW Power plant based on Biogas from Strach Industry effluent	M/s Rajaram Maize Products	Vill. Mohad, Distt. Rajnandgaon, Chhattisgarh	0.330
23	16 MW MSW based Power Project	M/s Timarpur Okhla Waste Management Company Ltd. (TOWMCL)	Old NDMC Compost Plant, Okhla, New Delhi	16.00
24	12MW MSW based power Plant	M/s East Delhi Waste processing, Barakhamba, New Delhi	Ghazipur, New Delhi	12.00
25	24MW MSW-RDF based power plant at Narela, Delhi	M/s Delhi MSW Solutions Ltd. (Ramky Group)	Narela , Delhi	24.00
26	6538 kg/day Bio-CNG from 14000 m3 /day Biogas generation plant from Urban (153TPD) & Industrial Waste (38TPD) -total 191 TPD(Cattle dung, Banana stem, Poultry litter, Napier grass and Caster deoiled cake)	M/s Bharat Biogas Energy Ltd.	R.S. No. 806, Palki Road side, Sundalpura, Tal. & Dist. Anand, Gujrat	1.16
27	6000kg/day BioCNG from 14000 m3/day Biogas Generation Plant from Urban waste-163TPD (Cow Dung, Potatoes, Sugar Cane Waste, Groundnut Shells and Castor & Cotton Stalks)	M/s Greeneearth Biogas Pvt Ltd.	Survey No.442,Kukuda Village,MuliTaluka,Dist.S urendrana gar,Ahmedabad-Rajkot Highway No17,Gujarat	1.16
28	12000 m3/day Biogas Generation Plant from Strach Industry effluent	M/s Riddhi Siddhi Gluco Biols Ltd.	Ridhi Sidhi Nagar, Village Juna Paddar, Viramgam, Dist. Ahmedabad.	1.00
29	4800 m3/day Biogas Generation Plant from Strach Industry effluent	M/s Anil Starch,	Ahmedabad, Gujarat.	0.40
30	5500 m3/day Biogas Generation Plant from Strach Industry effluent	M/s Riddhi Siddhi Gluco Biols Ltd.	Riddhi Siddhi Nagar, Village – Juna Paddaar, Becharjee Road, Virmgam, Distt. Ahmedabad, Gujarat	0.46
31	2500 m3/day Biogas Generation Plant from Gelatine Industry effluent	M/s India Gelatine and Chemicals Ltd.	Vapi, Valsad, Gujarat	0.21
32	0.95 MW Power plant based on Biogas from Strach Industry effluent	M/s Gujarat Ambuja Exports Ltd.	Vrindawan Rd., Dalpur, Prantij, Dist. Sabarkantha, Gujarat	0.95

33	Power Generation Plant of 1.067 MW capacity using Biogas produced from maize effluent waste	M/s Everest Starch India Pvt. Ltd.	Samrat Industrial Area, Road no. 29, Plot 23, Gondal Road, Rajkot, Gujarat	1.067
34	40 kW biogas based power plant industrial waste	M/s Vadilal Industries Ltd.	Vadilal House, 53, Shrimali Society, Nr. Navrangpura Railway Crossing, Navangapura, Ahmedabad – 380009	0.04
35	2.0 MW Power plant based on Biogas from Industrial Effluent	M/s Kanoria Chemicals & Industries Ltd.,	Ankleshwar, Gujarat	2.00
36	0.5 MW Power plant based on Biogas generated at Sewage Treatment Plant	Surat Municipal Corporation	Sewage Treatment Plant, Surat	0.50
37	3.0 MW Power plant based on Biogas generated at Sewage Treatment Plant	Surat Municipal Corporation	Sewage Treatment Plant, Surat, Gujarat	3.00
38	1.0 MW Power plant based on Biogas from Starch Industry Effluent	M/s Sayaji Industry Ltd.	Ahmedabad, Gujarat	1.00
39	0.945 MW Power plant based on Biogas from Starch Industry Effluent	M/s Gujarat Ambuja Exports Ltd.	Vrindavan Road, Vill. Dalpur, Tal: Prantij, Dist. Sabarkantha., Gujarat	0.945
40	0.833 MW Power plant based on Biogas from Starch Industry Effluent	M/s Sayaji Industry Ltd.	P.O. Kathwada, Maize Products, Ahmedabad, Gujarat	0.833
41	0.945 MW Power plant based on Biogas from Starch Industry Effluent	M/s Santosh Starch Products	Village Morgar, Santoshdham, Sukhpar Road, Post Sukhpar, Tal. Bhachau, Dist. Kutch, Gujarat	0.945
42	600kg/day Bio-CNG from 1500 m3 /day Biogas generation plant from Poultry Litter	M/s Sarovar Agro Farms & Biogas Pvt. Ltd.	Village - Jatwar, Tehsil:- Naraingarh, Dist. Ambala (Haryana)	0.13
43	1.0 MW Power plant based on Biogas from Distillery Effluent	M/s Ashoka Distillers & Chemicals (P) Ltd.	Gehlab Road, Hathin, Distt. Palwal, Haryana	1.00
44	3.0 MW Power plant based on Biogas from Distillery Effluent	M/s Globus Spirits Ltd.	Samalkha, Distt. Panipat, Haryana	3.00
45	1450kg/day Bio-CNG from 4000 m3 /day Biogas generation plant from Poultry Litter	M/s Panchkula Farms Pvt. Ltd.	Village Jaspur, Distt. Panchkula, Chandigarh	0.33
46	12000 m3/day Biogas Generation Plant	M/s Sukhjit Agro Industries	VPO Gurplah (Bathu), The. Haroli, Dist. Una, H.P.	1.00
47	1800kg/day BioCNG from 5000 m3/day Biogas Generation Plant from Urban waste	M/s Mahindra & Mahindra Ltd.	Survey No.71/3, Santhehalli Village, Malur Taluk, Kolar District, Near Bengaluru, Karnataka	0.42
48	29,260 m3/day Biomethanation plant from starch industry waste	M/s Gujarat Ambuja Exports Ltd.	Vill Hulasogi, Tal. Shigaon , Dist. Haveri, Karnataka	2.438
49	4800 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Millenium Starch India Pvt. Ltd.	KSIDC Area, Vill Satti, Tal. Atthani Dist. Bilgaum, Karanataka	0.40
50	24000 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Riddhi Siddhi Gluco Biols Ltd.	Gokak, Karnataka	2.00

51	2.4 MW Power plant based on Biogas from Starch Industry Effluent	M/s Gujarat Ambuja Exports Ltd.	Vill Hulasogi, Tal., Shiggaon, Dist. Haveri, Karnataka	2.40
52	1.0 MW Grid Connected Power plant based on Biogas from Sugar Industry Effluent	M/s Ugar Sugar Works,	Belgaum, Karnataka	1.00
53	1.0 MW Power plant based on Biogas from Starch Industry Effluent	M/s Riddhi Siddhi Gluco Biols Ltd.	Belgaum, Karnataka	1.00
54	1.4 MW Power plant based on Biogas from Sugar Industry Effluent	M/s NSL Sugars Ltd.	Koppa village, Maddur Taluk, Mandya distt., Karnataka	1.40
55	2760 m3/day Biomethanation plant from Gelatin Industry Waste	M/s Nitta Gelatin India Ltd.	Kathikudam, Thrissur Dist., Kerala	0.23
56	1200kg/day BioCNG from 3000 m3/day Biogas Generation Plant from Cattle Dung	M/s Shri Dayoday Urja Evam Jaivik Khaad	village-Dob Barkhedhi Sukhi Sevania, Tehsil-Huzur, Distt. Bhopal (MP).	0.25
57	4400 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Siddi Vinayak Agro Industries Pvt. Ltd.	Chand Road, Vill Saliya, Chhindwara, M.P.	0.366
58	Biogas generation project for leather solid waste (chrome shavings)	M/s Tata International Ltd.	Dewas, M. P.	0.025
59	Tannery liquid waste based biomethanation project	M/s Bhopal Gelatines Pvt. Ltd.	Jinsi, Bhopal, M.P.	0.08
60	11.5 MW MSW based grid connected Power project-9MW exportable	M/s Essel Infraprojects Ltd.	Jabalpur, Madhya Pradesh	11.50
61	Biogas based power project	M/s Som Distilleries Ltd.	Raisen, M.P.	2.70
62	Biogas based power project	M/s RDM Care Pvt. Ltd.	Pariyat, Jabalpur, M.P.	1.20
63	3613kg/day BioCNG from 7200 m3/day Biogas Generation Plant from Cattle Dung	M/s Clarus Bioenergy Pvt. Ltd.	Plot No. D-5, Shirala Industrial Growth Center, MIDC, Shirala, Dist. angli, Maharashtra.	0.600
64	7920 kg/day Bio-CNG from 19200 m3/day Biogas generation plant from distillery waste	M/s Green Elephant India Pvt. Ltd.	Kisanveernagar, Bhuinj, Tal. Wai, Dist. Satara, Maharashtra	1.600
65	8000kg/day BioCNG from 20000 m3/day Biogas Generation Plant from Press Mud, fruit waste, spent wash from Distillery	M/s Spectrum Renewable Energy Pvt. Ltd.	Warana nagar, Kolhapur, Maharashtra	1.66
66	3430 m3/day Biogas Generation Plant from Yeast Industry Effluent	M/s SAF Yeast Company Pvt. Ltd.	Chiplun, District Ratnagiri, Maharashtra	0.29
67	12096 m3/day Biogas Generation Plant from Pharma Industry Effluent	M/s Embio Ltd.	E-21, MIDC Industr. Area Mahad, Dist. Raigad, M.S.	1.008
68	11000 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Shri Tradco Deesan Pvt. Ltd.	93, 94 & 80, Mumbai Agra Road, Biladi Phata, Deopur, Dhule, Maharashtra	0.916
69	7200 m3/day Biogas Generation Plant from Dairy Industry Effluent	M/s Schreiber Dynamix Dairies Ltd	MIDC, Bhigwan Rd., Basamati, Pune , Maharashtra	0.600
70	14,000 m3 /day Biogas Generation Plant from Starch Industry Effluent	M/s Universal Starch-Chem Allied Ltd.	Rawal Industrial Estate, Dadanagar, Dondaicha, Distt. Dule Maharashtra	1.160
71	10,000 cum. biogas per day Biomethanation project based on Starch industry waste	M/s Universal Starch-Chem Allied Ltd.	Rawal Industrial Estate, Dadanagar, Dondaicha, Distt. Dule Maharashtra	0.90

72	10000 m3/day Biogas Generation Plant from Seafood Industry waste	M/s Gadre Marine Export Pvt. Ltd.	Ratnagiri, Maharashtra	0.86
73	4410 m3/day Biogas Generation Plant from Yeast Industry Effluent	M/s SAF Yeast Company Pvt. Ltd.	Ratnagiri, Maharashtra,	0.36
74	4.925 MW power generation project using non-conventional material i.e. biogas being produced from distillery liquid waste (industrial waste) through 100% biogas engines	M/s Pioneer Distilleries Ltd.,	District-Nanded, Maharashtra	4.725
75	3.0 MW Power plant based on Biogas from Distillery Effluent	M/s Radico NV Distilleries Maharashtra Ltd.	D-192 to D-195, MIDC Shendra, Five Star Industrial Area, Aurangabad, Maharashtra	3.00
76	1.2 MW Power plant based on 14000cum Biogas from Starch Industry Effluent	M/s Sahyadri Starch & Industries Pvt. Ltd.	Plot No. A/6-7-8, MIDC, Miraj-416410, Dist. Sangli, Maharashtra.	1.200
77	1.668 MW Power plant based on Mixed Urban (10%) and industrial (90%) waste	M/s Jain Irrigation System Ltd.	Jalgaon, Maharashtra	1.668
78	3.0 MW Grid Connected Power plant based on Biogas from Distillery Effluent	M/s Lokmangal Agro Industries Ltd.	Subhashnagar, A/p Bibi darphal, Tal. North Solapur, Maharashtra	3.860
79	1.063 MW Power plant based on Biogas from Starch Industry Effluent	M/s Shri Tradco Deesan Pvt. Ltd.	93, 94 & 80, Mumbai Agra Road, Biladi Phata, Deopur, Dhule, Maharashtra	1.063
80	1.063 MW Power plant based on Biogas from Starch Industry Effluent	M/s Honest Derivatives Pvt. Ltd	Maldabhadi, Tal Jamner, Dist. Jalgaon, Maharashtra	1.063
81	1.475 MW Biogas based Power Project from distillery waste	M/s Loknete Baarao Patil Agro Industries Ltd.	Laxminagar, Tal. Mohol, Dist. Solapur, Maharashtra	1.475
82	1.063 MW Power plant based on Biogas from Starch Industry Effluent	M/s Yashwant Energy Pvt. Ltd.	Alppadali, Tal. Shirala, Dist. Sangli, Maharashtra	1.063
83	Power Generation Plant of 1.406 MW capacity using Biogas produced from Distillery effluent waste	M/s Vitthal Coorporation Ltd.	Vitthal Rao Shinde Nagar, Post-Mhaisgaon, Tal. Madha, Dist. Solapur, Maharashtra	1.406
84	1.0 MW Grid connected Power plant based on Biogas from Industry Effluent	M/s Brihan Sugar Syndicate Ltd.	Sheerapur, Dist. Solapur, Maharashtra	1.00
85	0.69 MW Power plant based on Biogas from Distillery Effluent	M/s Tilak Nagar Distilleries	Ahmednagar ,Maharashtra	0.69
86	2.0 MW Power plant based on Biogas from Industry Effluent	M/s Sanjivani Sah. Sakhar Karkhana Ltd.,	Sahajanand Nagar, P.O. Shingnapur, Tal Kopargaon, Distt. Ahmed Nagar,	2.00
87	3.0 MW Power plant based on Biomethanation of organic part of MSW through Technology DRYADTM which is based on Theremophilic Process	M/s Solapur Bio-energy Systems Pvt. Ltd.,	Kachra Depo, Tuljapur Road, Solapur, Maharashtra	3.00
88	1847kg/day BioCNG from 5000 m3/day Biogas Generation Plant from Cattle Dung	M/s Arc Biofuel Pvt. Ltd.	Village Khotasaran, Handiaya, Marisa Rd. Barnala, Punjab	0.416

89	12000 m3/day Biogas plant from Starch Industry Effluent	M/s Pioneer Industries Ltd.	Plot No. A-3, A-4, IGL, Defence Rd., V.P.O. Ranipur, Pathankot, Punjab	1.00
90	Biogas generation project for Paper Mill Black Liquor	M/s Satia Paper Mills	Satia Paper Mills, Muktsar, Punjab	0.75
91	4500 m3/day Biogas Generation Plant from Paper Industry Effluent	M/s Shreyans Industry Ltd.	Sangrur, Punjab	0.37
92	5500 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Sukhjit Starch & Chemicals Ltd.	Phagwara, Punjab	0.46
93	2800 m3/day Biogas Generation Plant from Paper Industry Effluent	M/s Shreyans Industry Ltd.	Village Banah, Distt. S.B.S. Nagar, Punjab.	0.233
94	2.6 MW Power plant based on Biogas from Distillery Effluent	M/s Patiala DISTILLERIES & Manufacturing Ltd.	Vill Main Dist. Patiala, Punjab	2.60
95	0.37 MW Power plant based on 4500cum/day Biogas from Paper Industry Effluent	M/s Satia Industries Ltd.	Vill Rupana, Dist. Muktsar, Punjab	0.37
96	1.2MW Power plant based on Biogas from Distillery Effluent	M/s Pioneer Industries Ltd.	Plot No. A-3, A-4, IGL, Defence Rd., V.P.O. Ranipur, Pathankot, Punjab	1.20
97	Power generation through bio-methanation from Cattle dung	Haebowal, Ludhiana, Punjab	Haebowal, Ludhiana, Punjab	1.00
98	8.25 MW grid connected Power plant based on Biogas from Distillery Effluent	M/s Chandigarh Distillers and Bottlers Ltd.	Banur, Dist. Patiala, Punjab	8.25
99	3000kg/day BioCNG from 8400 m3/day Biogas generated at STP	M/s Brajdharm Power Pvt. Ltd.	Sewage Treatment Plant, Delawas, Jaipur, Rajasthan	0.70
100	1000 kg/day BioCNG from 2500 m3 /day Biogas generation plant from Cattle dung	M/s NRB Bio-Energy,	2 PBN, Dabli Rathan, Teh. & Distt. Hanumangarh, Rajasthan -335 512	0.21
101	3.0 MW Power plant based on 36000cum/day Biogas from Distillery Effluent	M/s Globus Spirits Ltd.	Village Shyampur, Tehsil Behror, Distt. Alwar, Rajasthan	3.000
102	2600 m3 /day Biogas plant from Tapioca starch industry waste	M/s Sri Velmuragan Sago Factory,	Malaiyalapatty, Peraenbalur, T.N.	0.22
103	3177 m3 /day Biogas plant from Tapioca starch industry waste	M/s Palaniandavar Sago Factory,	Paithur, Attur Tk, Salem, T.N.	0.26
104	5068 m3 /day Biogas plant from Tapioca starch industry waste	M/s Sri Krishna Industrial Starch Factory,	Gangavalley, TK, Salem, T.N.	0.42
105	3755 m3 /day Biogas plant from Tapioca starch industry waste	M/s R.S. Sago Factory R. Selraj & Co.	Siteri, Attur, TK, Salem, T.N.	0.31
106	2020 m3 /day Biogas plant from Tapioca starch industry waste	M/s Mappilai Sago Factory,	Siteri, Attur, TK, Salem, T.N.	0.17
107	20,160 m3 /day Biogas plant from sago starch industry waste	M/s Varalakshmi Company	No. 3, Kommapalayam, Rasipuram, Namakkad, T.N.	1.68
108	7200 m3 /day Biogas Generation Plant from Starch Industry Effluent	M/s SPAC Starch Products (India) Ltd	Poonachi Village, Anthiyur Tk, Erode District, Tamil Nadu	0.60
109	300 m3 /day Biogas generation project using tannery fleshings and sludge.	Biogas generation project using tannery fleshings and sludge	Melvisaram, Tamilnadu.	0.03
110	6000 m3 /day Biogas generation project for tapioca processing industry waste water	M/s Varalakshmi Starch Industries Ltd.	Varalaxmi Starch Industry Ltd, Salem, TN.	0.50
111	15000 m3 /day Biogas generation project for paper mill effluents.	M/s Tamil Nadu Newsprints and Papers Ltd.	Karur, T N	1.25

112	12000 m3 /day Biogas plant from starch industry waste	M/s Varalakshmi Starch Industries Ltd.	Salem, T.N.	1.00
113	9000 m3 /day Biogas plant from starch industry waste	M/s Varalakshmi Company	Mallur, Salem, Distt. Namakkal, T.N.	0.75
114	12000 m3 /day Biogas plant from tapioca starch industry waste	M/s Spac Tapioca Products (India) Ltd.	Poonachi Bhavani TK , Erode, Tamilnadu	1.00
115	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Anbu Rice, Oil & Sago Factory	Ammampalayam P.O., Attur Tk., Salem.	0.24
116	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Sri Velmurugan Sago Factory	Oduvankurichi Post, Rasipuram Taluk, Namakkal Distt. T.N.	0.24
117	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Sri Senthil Kumar Sago Factory	Thimmanaickenpatty, Rasipuram Taluk, Namakkal. T.N.	0.24
118	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Vetrivel Sago Products	Vellakkalpatti Post, Rasipuram Taluk, Namakkal. T.N.	0.24
119	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Sri Thirumalaivasan Sago & Starch Products	Toppapatty, Rasipuram Taluk, Namakkal T.N.	0.24
120	2890 M3 biogas per day Tapioca starch industry waste based Biomethanation plant.	M/s Sri Venkateswara Sago & Starch Products	O. Jedarpalayam Post, Rasipuram Taluk, Namakkal T.N.	0.24
121	2890 M3 biogas per day starch industry waste based Biomethanation plant.	M/s M.R. Samy Sago Factory	Tammappatty Gangavalli Tk., Salem T.N. Tammappatty Gangavalli Tk., Salem T.N	0.24
122	3396 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Murugan Sago Factory,	K. Palanivel Gounder & Co., Ulipuram, Gangavalli Tk., Salem, T.N.	0.283
123	1992 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Vetrivel Sago Factory,	Ulipuram Pudur, Gangavalli Tk., Salem T.N.	0.166
124	1992 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Annai Sago Factory	Ulipuram, Gangavalli Tk., Salem T.N.	0.166
125	1992 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Sri Soorya Sago Factory	Echampatty, Attur Tk., Salem T.N.	0.166
126	2880M3 biogas per day starch industry waste based Biomethanation plant.	M/s Jayamurugan Sago Factory,	Kopampatty, Thuraiyur Tk., Namakkal, T.N.	0.24
127	3960 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Ganesa Samy Sago Factory,	Ariyagoundampatty Namgiripet, Rasipuram Tk., Namakkal, T.N.	0.33
128	2496 M3 biogas per day starch industry waste based Biomethanation plant.	M/s Sri Venkateswara Sago Factory	Namgiripet, Rasipuram Tk Namakkal T.N.	0.208
129	13000 m3/day Industrial waste based Biogas plant. And 2.2 MW biogas based power plant	M/s Varalakshmi Starch Industries Ltd.	Salem. T.N.	3.28
130	0.20 MW Power project based on Biomethanation of waste water treatment plant at Sago manufacturing	M/s Varalakshmi Starch Industries Ltd.	Varalakshmi Starch Industry Ltd., Mallur,Salem, Tamilnadu	0.20
131	2.4MW Power generation project based on biogas from Poultry,Sago,Press Mud Industry Waste	M/s IOT Mabagas Ltd.,	Puduchatram Namakkal Dist. ,T.N.	2.40
132	1.5MW Power generation from poultry droppings.	M/s G.K. Bio-energy Pvt. Ltd.	Namakkal, T.N.	1.50

133	0.25 MW Power generation from vegetable market wastes.	CMDA, Chennai	Koyembadu Market Yard, Chennai	0.25
134	2.5MW Poultry litter based power generation project.	M/s Subhashri Bio-energies Pvt. Ltd.	Namakkal, T.N.	2.50
135	Biogas based 1.4MW power project with 100% biogas engine.	M/s Trichi Distillers & Chemicals Ltd.	Senthannipuram, Tiruchirapalli, T.N.	1.40
136	12000 m3/day Biogas Generation Plant from Starch Industry effluent	M/s SNS Starch Ltd.	Konderra Vill. Idikyala Mandal, Mehboob Nagar, Telangana	1.00
137	12000 m3/day Biogas plant from Starch Industry Waste	M/s Sukhjit Starch Mills	P.B. 321, Mubarak Nagar, Nizamabad, Telangana	1.00
138	2600 m3/day Biogas Generation Plant from Slaughter house waste	M/s Alkabeer Exports Ltd.	Alkabeer Exports Ltd., Maharashtra, Telangana	0.25
139	2500 m3/day Biogas Generation Plant from Slaughter house waste	M/s Alkabeer Exports Ltd.	Alkabeer Exports Ltd., Maharashtra, Telangana	0.25
140	3.5 MW grid connected Power plant based on Biogas from Poultry Litter	M/s SLT Power & Infrastructure Projects Pvt. Ltd.,	Pocham Pally Village & Mandal, Nalgonda Dist., Telangana	3.50
141	1.0 MW Power plant based on Biogas from Sugar Industry Effluent	M/s Gayatri Sugars Ltd.	Dist. Nizamabad, Telangana.	1.00
142	7.5 MW grid connected Power plant	M/s Shravana Power Projects Pvt. Ltd.	Takkalapalli Vill. Yacharam Mandal, Ranga Reddy District, Telangana.	7.50
143	7.5 MW grid connected Power plant	M/s PSR Green Power Projects Pvt. Ltd.	Marikal Village, Danwada Mandal, Mahabubnagar Dist., Telangana.	7.50
144	2000kg/day Bio-CNG from 5000 m3/day Biogas generation Plant from Urban Waste (Fruit & Vegetable Market waste and cattle dung, poultry litter, etc.)	M/s Samagra Agro	Viiil. Phuphwar Sui Thok, Sarsaul Kanpur Sadar	0.42
145	6000 m3/day Biomethanation plant from Paper Industry waste	M/s Mohit Paper Mills Ltd.	9 Km Stone, Nagina Road, Bijnor-246701(U.P.)	0.50
146	18,200 m3 /day Biogas Generation Plant from Yeast Industrial Waste	M/s Kothari Fermentation and Biochem Ltd.	D6-12, Rajarampur, UPSIDC Industrial Area, Sikandrabad, Dist. Bulandshahr, Uttar Pradesh	1.51
147	13,300 m3 /day Biogas Generation Plant from Paper Mill Effluent	M/s K R Pulp & Papers Ltd.	Jalalabad Road, Shahjahanpur- 242001,U.P	1.11
148	11,000 m3 /day Biogas Generation Plant from Starch Industry Effluent	M/s H.L. Agro Products Pvt. Ltd.	Akbarpur, Kanpur(Dehat), U.P.	0.92
149	Food industry waste based biomethanation project.	M/s SAF Yeast Co. Pvt. Ltd.	101, UPSIDC, Industrial Area, Sandila, Distt. Hardoi, U.P.	0.73
150	0.4 MW Power plant based on 4800cum/day Biogas from Distillery Effluent	M/s Bajaj Hindustan Ltd.	Vill. Athadama, The Rudauli, Dist. Basti, U.P.	0.400
151	1.25 MW Power plant based on Biogas from Sugar Industry Effluent	M/s Simbhaoli Sugar Ltd	Brijnathpur Dist.Ghaziabad, U.P.	1.25
152	2.0 MW Power plant based on Biogas from Distillery Effluent	M/s Radico Khaitan Limited	Bareilly Road, Rampur, U.P.	2.00
153	1.2 MW Power plant based on Biogas from Distillery Effluent	M/s Simbhaoli Sugar Ltd	Brijnathpur Dist.Ghaziabad, U.P.	1.20

154	1.415 MW biogas based power generation project from distillery waste through 100% biogas engine	M/s Bajaj Hindustan Ltd.	Golagokaranath, Dist. Lakhimpur Kheri, U.P.	1.415
155	4.00 MW biogas based power generation project from distillery waste through 100% biogas engine	M/s Dhampur Sugar Mills Ltd	Asmoli The. Sambhal Dist. Moradabad, U.P.	4.00
156	67 kg/cm2 Pressure Boiler and TG Set of 2.77 MW capacity boiler & steam turbine route	M/s SVP Industries Ltd.	Mansurpur, Pargana Tehsil Khatauli, Muzaffarnagar-251203-U.P.	2.77
157	Biogas based power project.	M/s K.M. Sugar Mills	Faizabad, U.P.	1.00
158	Biogas based power generation project .	M/s Saraya Distilleries	Gorakhpur, U.P.	2.00
159	Biogas based power generation project.	M/s Pilkhani Distillery & Chemical Works,	Pilkhani, Saharanpur Distt., U.P.	1.00
160	Biogas based power generation project .	M/s Shamli Distillery & Chemical Works.	Shamli, Muzaffarnagar Distt., U.P.	1.00
161	Captive power project using biogas produced from distillery waste.	M/s Jain distillery Ltd.	Nagina Rd, Bijnor, U.P.	1.00
162	Installation of biogas based power plant.	M/s Balrampur Chini Mills Ltd.	Distt. Balrampur (U.P.)	1.09
163	Captive power project using biogas from distillery waste.	M/s Bajaj Hindustan Ltd.	Rudauli Distillery, Distt. Basti, U.P.	3.00
164	Captive power project using biogas produced from distillery waste.	M/s Bajaj Hindustan Ltd.	BHL Gangauli Distillery, Saharanpur	3.00
165	Captive power project using biogas produced from distillery waste.	M/s Bajaj Hindustan Ltd.	Kinauni, Saharanpur, U.P.	3.00
166	Captive power project using biogas produced from distillery waste.	M/s Bajaj Hindustan Ltd.	BHL Khambarkheda Distillery, Lakhimpur Kheri, U.P.	3.00
167	Captive power project using biogas produced from distillery waste.	M/s Bajaj Hindustan Ltd.	Gola distillery, Lakhimpur Kheri, U.P.	2.50
168	Captive power project using biogas produced from distillery waste.	M/s Bajaj Hindustan Ltd.	Palia distillery, Lakhimpur Kheri, U.P.	1.50
169	2.5 MW Power plant based on 30000cum/day Biogas from Distillery Effluent	M/s Radico Khaitan Limited	Bareilly Road, Rampur, U.P.	2.50
170	3.0 MW Power plant based on 36000cum/day Biogas from Sugar Industry Effluent	M/s The Oudh Sugar Mill Ltd.	Hargaon Dist. Sitapur, U.P.	3.00
171	3.0 MW Power plant based on 36000cum/day Biogas from Industry Effluent	M/s Triveni Engineering & Industries Ltd.	Bhikki Bilaspur, Dist. Muzaffarnagar, U.P.	3.000
172	5460kg/day BioCNG from 12000 m3/day Biogas Generation Plant from Paper Mill Effluent	M/s Century Pulp & Paper	Lalkuan, Nainital, Uttarakhand.	1.00
173	Installation of 1.08 MWeq. (12,960 m3 biogas per day) starch industry liquid waste based biomethanation project	M/s Gujarat Ambuja Exports Ltd.	Plot No. C-50, ELDECO SIDCUL Industrial Park, Sitarganj - 262405, Distt. Udham Singh Nagar, Uttarakhand.	1.080
174	6000 m3/day Biomethanation plant from Paper Industry Waste	M/s Naini Papers Ltd.	Station Road, Kashipur, Dist. Udham Singh Nagar, Uttarakhand	0.50

175	18,000 m3 /day Biogas Generation Plant from Paper mill Effluent	M/s Naini Tissues Pvt. Ltd.	Kashipur, Uttarakhand	1.50
176	Starch industry liquid waste based biomethanation project	M/s Riddhi Siddhi Gluco Biols Ltd.	Udham Singh Nagar, Uttarakhand	1.520
177	12000 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Riddhi Siddhi Gluco Biols Ltd.	Plot no. 12, Sector-9 IIE Pantnanagar, District Udham Singh Nagar, Uttarakhand	1.000
178	0.95 MW Power plant based on 11999cum/day Biogas from Starch Industry Effluent	M/s Gujarat Ambuja Exports Ltd.	C-50, Eldeco Sidul Park,Sitarganj, Uttarakhnad	0.95
179	Installation of biogas based power plant	M/s Gujarat Ambuja Exports Ltd.	Udhamsingh Nagar, Uttarakhand	0.945
180	2000 m3/day Biogas Generation Plant from Starch Industry effluent	M/s Saroda Starch & Chemicals Pvt. Ltd	Kutub Sahar,P.O. Pandua, P.S. Gazol, Dist. Malda, W.B.	0.17
181	12000 m3/day Biogas plant from Starch Industry Effluent	M/s Sukhjiti Starch Industries.	WBIIDC Growth Centre, NH-34, Narayanpur, Malda, W.B.	1.00
182	19,926 m3/day Biogas Generation Plant from Maize Processing Effluent	M/s Tirupati Starch and Chemicals Ltd.	Village Sejwaya, Ghatabillod, Dist. Dhar, M.P.	1.66
183	13500 m3/day Biogas Generation Plant from Starch Processing Effluent	M/s Sanstar Ltd.	Village-Karvand, Tal. Shirpur, Dist. Dhule,Maharashtra	1.125
184	Generation of Biogas on waste from Starch and allied Manufacturing Unit	M/s Gujarat Ambuja Exports Ltd.	Plot No 4, Chalisgaon, Industrial Area, MIDC, Jalgoan, Maharashtra	2.00
