

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1077
TO BE ANSWERED ON 27.06.2019

Setting up of Energy Projects by PSEs

1077. SHRI BHANU PRATAP SINGH VERMA

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

- (a) the details of renewable energy projects set up or likely to be set up by the Public Sector Enterprises (PSEs) for sustainable development, PSE-wise;
- (b) the details of renewable energy sources where power is being generated by the PSE along with the quantum of power generated from the said sources during the last three years and the current year, PSE-wise; and
- (c) the details of targets fixed to install and promote solar panels in rural areas during 2019-20 and the progress made thereto?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI R. K. SINGH)

(a) The Public Sector Enterprises (PSEs) are actively participating in the sustainable development by setting up Renewable Energy Projects in the country. Details of the major projects commissioned/ under implementation by the Public Sector Enterprises under solar and Wind are given in the **Annexure-I**.

(b) The sources wise and year-wise details of power being generated through the renewable energy sources including projects installed by PSEs during last three years and current year is given in **Annexure-II**.

(c) Under the off-grid and decentralised solar PV programme Ph-III, it is targeted to sanction installation of three lakh solar street lights, distribution of 25 lakh solar study lamps and installation of solar power packs of individual capacity up to 25 kWp each and aggregated capacity 100 MWp by 2019-20 mainly in remote and rural areas of the country as per provisions of the Scheme. Allotment for complete quantity of solar study lamps and solar streetlights and allotment for around 40 MWp aggregated capacity solar power packs have already been made to States/UTs.

Under the New Scheme for Farmers it is targeted to sanction installation 1000 MW small solar power plants on pilot mode, installation of 1.75 lakh stand-alone solar water pumps and solarisation of one lakh grid connected agriculture pumps on pilot mode by 2019-20 in rural areas of the country as per provisions of the Scheme. The scheme guidelines have been formulated.

Under Atal Jyoti Yojana Ph-II around three lakh solar street lights are targeted for installation during 2019-20 with 75% funds provided by MNRE and balance 25% from MPLAD Scheme Funds.

The completion of 70 lakh solar study lamp scheme is also targeted during 2019-20, around 48 lakh lamps distributed so far.

**ANNEXURE-I REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.1077, Part
(a) TO BE ANSWERED ON 27/6/2019**

Solar Energy

List of projects under 1000 MW CPSU scheme.

Sl. No.	Name CPSU/Govt. Orgn.	Capacity (MW)	Location of project	State	Status
1	NTPC Ltd.	250	AP, Anantpuramu Solar Park	Andhra Pradesh	Commissioned
		229.5	Mandsaur MP	Madhya Pradesh	Commissioned
		180	Bhadla Phase II, Solar Park, Rajasthan	Rajasthan	Commissioned
2	Bharat Heavy Electricals Ltd.(BHEL)	5	BHEL, Trichy	Tamil Nadu	Commissioned
		1.5	BHEL, Ramachandrapuram, Hyderabad, Telangana	Telangana	Commissioned
		7.5	BHEL, Trichy	Tamil Nadu	Commissioned
		2.5	BHEL, Jhansi	Uttar Pradesh	Commissioned
		5	BHEL, Haridwar	Uttarakhand	Commissioned
3	NHPC Limited	50.00	Tamilnadu	Tamil Nadu	Commissioned
4	Rashtriya Ispat Nigam Ltd.	5	Visakhapatnam Steel Plant, AP	Andhra Pradesh	Commissioned
5	GAIL (India) Limited	5.76	Petrochemical Unit, Pata, Auraiya, U.P	Uttar Pradesh	Commissioned
6	ONGC	1.00	Betul, Goa	Goa	Commissioned
		5.00	Bharuch, Gujarat	Gujarat	Commissioned
7	Scooters India Ltd.	1	SIL, Lucknow, U.P	Uttar Pradesh	Commissioned
8	Dadra & Nagar Haveli Power Distribution Corporation Ltd	3	village Velugan, U.T. Dadra & Nagar Haveli	Dadra & Nagar Haveli	Commissioned
9	Neyveli Lignite Corporation (NLC)	130	Neyveli, T.N	Tamil Nadu	Commissioned
Total Capacity		881.76			

List of projects by PSEs under VGF schemes/tenders implemented by SECI.

S. No.	Scheme	Name of the PSE	Project capacity (MW)	Project location	Status
1	NSM Phase-II Batch-I	Green Energy Development Corporation of Odisha Ltd.	20	Odisha	Commissioned
2	NSM Phase-II Batch-III	Karnataka Power Corporation Limited	10	Karnataka	Commissioned

3	NSM Phase-II Batch-IV	Gujarat Industries Power Company Limited	80	Gujarat	Commissioned
Total Capacity			110		

List of projects by PSEs under Defence Scheme.

Sl. No.	Implementing Agency	Capacity (MW)	Project Location	State	Project Status
1	Bharat Electronics Ltd. (BEL)	16	Vill. Indrakaran, Tehsil Sangareddy, Distt. Medak	Telangana	Commissioned
		10	Ordinance Factory, Itarsi	Madhya Pradesh	Commissioned
		7.5	Ordinance Factory, Badmal (OFBOL), Bolangir Distt.	Odisha	Commissioned
		16	Heavy Vehicle Factory (HVF)- Avadi-	Tamil Nadu	Commissioned
		10	Gun Carriage Factory (GCF), Jabalpur	Madhya Pradesh	Under Execution
		10	Vehicle Factory, Jabalpur	Madhya Pradesh	Under Execution
		3	MSF Ishapore	West Bengal	Under Execution
		2	OFM, Muradnagar	Uttar Pradesh	Under Execution
		1	OFN, Nalanda	Bihar	Under Execution
2	BDL	5	Bhanur, Medak,	Telangana	Commissioned
		5	Ibrahampatnam	Telangana	Commissioned
3	Mishra Dhatu Nigam Ltd (MIDHANI)	4	Chintal Kunta, Ranga Reddy	Telangana	Commissioned
4	HAL	15	HAL, Nasik	Maharashtra	Under Execution
		2	HAL Hyderabad	Telangana	Under Execution
Total capacity		106.5			

Projects set up by PSEs with SECI as consultant.

S. No.	Owner PSE	Capacity (MW)	Location	Status
1	IREDA	50	Kasadgod, Kerala	Commissioned
2	Singareni Collieries Company Limited	129	Telangana	Under execution
Total capacity		179		

Projects under SECI's CAPEX.

S. No.	Owner PSE	Capacity (MW)	Location	Status
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1	SECI	10	Jodhpur, Rajasthan	Commissioned
2	SECI	10	Kolar, Karnataka	Under execution
Total Capacity		20		

WIND ENERGY

List of Projects of Central / State Public Sector Enterprises registered under "Wind GBI Scheme".

S. No.	Owner PSE	Capacity (MW)	Location	Status
1	National Aluminium Company Limited 50.4	50.4	YSR Kadapa, Andhra Pradesh	Commissioned
2	Gujarat Mineral Development	50.4	Jamnagar, Gujarat	Commissioned
3	Oil India Ltd	54	Jaisalmer Rajasthan	Commissioned
4.	National Almunium Company Limited	47.6	Jaisalmer Rajasthan	Commissioned
5.	Indian Oil Corporation Limited	25.2	Kadappa, Andhra Pradesh	Commissioned
6.	Gujarat Power Corporation Ltd	8.4	Kutch, Patan Gijarat	Commissioned
7.	SJVN Ltd	47.6	Ahmednagar, Maharashtra	Commissioned
8.	Indian Oil Corporation Limited	2.1	Kadappa, Andhra Pradesh	Commissioned
9.	Indian Oil Corporation Limited	4.2	Kadappa, Andhra Pradesh	Commissioned
10	Gujarat Industries Power Company Ltd	15	Amreli, Gujarat	Commissioned
11	THDC India Limited	50	Patan, Gujarat	Commissioned
12	Gujarat Industries Power Company Limited	26	Rajkot, Botad, Gujarat	Commissioned
13	Gujarat Industries Power Company Ltd	10.5	Kutch, Gujarat	Commissioned
14	Gujarat Industries Power Company Ltd	10.5	Kutch, Gujarat	Commissioned
15	NLC Limited	45	Tirunelveli, Tamil Nadu	Commissioned
16	Gujarat Industries Power Company Ltd	50.4	Porbandar Gujarat	Commissioned
17	NHPC Limited	50	Jaisalmer Rajasthan	Commissioned
18	THDC India Limited	63	Devbhumi Dwarka, Gujarat	Commissioned
19	Maharashtra State Electricity Distribution Company Limited	10	Sindhudurg, Maharashtra	Commissioned
Total capacity		620.30		

ANNEXURE-II

ANNEXURE-II REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.1077, Part
(b) TO BE ANSWERED ON 27/6/2019

GENERATION from Various Renewable Energy Sources for the Year 2016 – 17								
								(All figures in MU)
Sl. No.	State/Utility	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Total
1	Chandigarh	0.00	13.16	0.00	0.00	0.00	0.00	13.16
2	Delhi	0.00	5.68	0.00	0.00	0.00	139.05	144.73
3	Haryana	0.00	19.70	184.66	6.38	238.80	0.00	449.54
4	HP	0.00	0.00	0.00	0.00	2015.58	0.00	2015.58
5	J & K	0.00	0.77	0.00	0.00	325.36	0.00	326.12
6	Punjab	0.00	909.20	528.17	214.14	497.99	0.00	2149.49
7	Rajasthan	5562.52	2131.61	272.97	0.00	6.76	0.00	7973.85
8	Uttar Pradesh	0.00	230.95	165.39	3214.09	27.83	0.00	3638.26
9	Uttarakhand	0.00	37.77	0.00	110.92	850.50	0.00	999.19
10	NTPC (Dadri, Faridabad, Unchahar, Singrauli & Bhadla)	0.00	74.90	0.00	0.00	0.00	0.00	74.90
11	Oil India Ltd	201.61	25.59	0.00	0.00	0.00	0.00	227.20
12	Chhattisgarh	0.00	120.91	1281.10	0.00	44.21	0.00	1446.22
13	NTPC (Rajgarh)	0.00	82.21	0.00	0.00	0.00	0.00	82.21
14	Gujarat	7720.01	1738.28	12.16	0.00	27.54	0.00	9497.99
15	Madhya Pradesh	3563.17	1366.10	86.59	1.82	224.46	26.53	5268.67
16	Maharashtra	7490.75	577.83	573.58	2040.76	609.58	0.20	11292.70
17	Dadra and Nagar Haveli	0.00	1.31	0.00	0.00	0.00	0.00	1.31
18	Daman & Diu	0.00	14.43	0.00	0.00	0.00	0.00	14.43
19	Andhra Pradesh	3187.85	1599.78	350.24	169.74	168.75	6.90	5483.26
20	Telangana	211.93	1337.90	176.01	180.93	52.62	40.48	1999.89
21	Karnataka	6058.65	524.67	157.50	1550.61	1294.25	0.00	9585.68
22	Kerala	72.59	26.52	1.23	0.00	462.38	0.00	562.72
23	NTPC(Ramagundem & Anantapuram)	0.00	350.53	0.00	0.00	0.00	0.00	350.53
24	Tamil Nadu	11935.26	1898.34	349.14	877.34	93.79	0.00	15153.87
25	Lakshadweep	0.00	1.59	0.00	0.00	0.00	0.00	1.59
26	Puducherry	0.00	0.34	0.00	0.00	0.00	0.00	0.34
27	Andaman & Nicobar	0.00	6.17	0.00	0.00	13.86	0.00	20.03
28	Bihar	0.00	109.18	1.72	159.66	21.96	0.00	292.53
29	Jharkhand	0.00	38.47	0.00	0.00	0.00	0.00	38.47
30	Odisha	0.00	210.81	57.85	0.00	239.05	0.00	507.71
31	Sikkim	0.00	0.00	0.00	0.00	35.78	0.00	35.78
32	West Bengal	0.00	14.96	0.00	1433.95	120.86	0.00	1569.77
33	DVC	0.00	0.01	0.00	0.00	14.08	0.00	14.09
34	NTPC (Andaman & Talcher)	0.00	20.00	0.00	0.00	0.00	0.00	20.00
35	Arunachal Pradesh	0.00	0.14	0.00	0.00	27.29	0.00	27.43
36	Assam	0.00	2.69	0.00	0.00	11.47	0.00	14.15
37	Manipur	0.00	0.01	0.00	0.00	0.00	0.00	0.01

38	Meghalaya	0.00	0.00	0.00	0.00	59.10	0.00	59.10
39	Mizoram	0.00	0.00	0.00	0.00	49.62	0.00	49.62
40	Nagaland	0.00	0.00	0.00	0.00	92.73	0.00	92.73
41	Tripura	0.00	0.00	0.00	0.00	46.47	0.00	46.47
42	NEEPCO	0.00	6.89	0.00	0.00	0.00	0.00	6.89
	Total	46004.34	13499.41	4198.30	9960.34	7672.66	213.16	81548.21

Generation from Various Renewable Energy Sources for the Year 2017 – 18

Sl. No.	State/Utility	Wind	Solar	Biomass	Bagasse	Small Hydro	(All figures in MU)	
							Other s	Total
1	Chandigarh	0.00	7.87	0.00	0.00	0.00	0.00	7.87
2	Delhi	0.00	13.41	0.00	0.00	0.00	227.68	241.09
3	Haryana	0.00	64.65	195.66	90.10	210.29	0.00	560.70
4	HP	0.00	0.00	0.00	0.00	1903.05	0.00	1903.05
5	J & K	0.00	0.00	0.00	0.00	324.37	0.00	324.37
6	Punjab	0.00	1432.07	489.68	204.50	217.62	0.00	2343.87
7	Rajasthan	5665.45	3469.25	340.84	0.00	8.69	0.00	9484.23
8	Uttar Pradesh	0.00	637.02	129.30	3809.79	30.18	0.00	4606.29
9	Uttarakhand .	0.00	291.08	0.00	143.81	749.61	0.00	1184.50
10	NTPC (Dadri, Faridabad, Unchahar Singrauli & Bhadla)	0.00	480.99	0.00	0.00	0.00	0.00	480.99
11	Oil India Ltd	225.79	25.46	0.00	0.00	0.00	0.00	251.25
12	Chhattisgarh	0.00	136.54	909.72	0.00	22.94	0.00	1069.21
13	NTPC(Rajgarh, Rojmal & Mandsaur)	41.86	340.13	0.00	0.00	0.00	0.00	381.99
14	Gujarat	9635.65	2048.40	32.65	0.00	42.93	0.00	11759.63
15	Madhya Pradesh	4139.84	1911.70	21.94	54.17	124.11	41.14	6292.90
16	Maharashtra	6541.35	1100.67	539.10	3228.72	627.12	0.01	12036.98
17	Dadra and Nagar Haveli	0.00	5.23	0.00	0.00	0.00	0.00	5.23
18	Daman & Diu	0.00	18.53	0.00	0.00	0.00	0.00	18.53
19	Andhra Pradesh	6354.11	3658.97	206.49	189.03	181.69	7.18	10597.47
20	Telangana	195.29	4013.80	175.48	114.02	51.27	82.43	4632.28
21	Karnataka	7410.29	2391.73	135.60	1921.96	1604.41	0.00	13463.98
22	Kerala	98.46	55.35	0.00	0.00	620.52	0.00	774.32
23	NTPC(Ramagundem & Anantapuram)	0.00	426.37	0.00	0.00	0.00	0.00	426.37
24	Tamil Nadu	12358.01	2906.01	178.33	551.39	186.14	0.00	16179.86
25	Lakshadweep	0.00	1.79	0.00	0.00	0.00	0.00	1.79
26	Puducherry	0.00	1.17	0.00	0.00	0.00	0.00	1.17
27	Andaman & Nicobar	0.00	6.88	0.00	0.00	12.77	0.00	19.65
28	Bihar	0.00	145.34	2.93	152.84	7.95	0.00	309.06
29	Jharkhand	0.00	19.47	0.00	0.00	0.00	0.00	19.47
30	Odisha	0.00	204.77	47.22	0.00	265.57	0.00	517.56
31	Sikkim	0.00	0.00	0.00	0.00	30.54	0.00	30.54
32	West Bengal	0.00	20.47	0.00	1387.01	183.05	0.00	1590.54
33	DVC	0.00	0.06	0.00	0.00	9.47	0.00	9.54
34	NTPC(Andaman & Talcher)	0.00	20.43	0.00	0.00	0.00	0.00	20.43
35	Arunachal Pradesh	0.00	0.23	0.00	0.00	0.47	0.00	0.70

36	Assam	0.00	8.36	0.00	0.00	16.13	0.00	24.49
37	Manipur	0.00	0.15	0.00	0.00	0.00	0.00	0.15
38	Meghalaya	0.00	0.00	0.00	0.00	70.56	0.00	70.56
39	Mizoram	0.00	0.00	0.00	0.00	54.67	0.00	54.67
40	Nagaland	0.00	0.00	0.00	0.00	91.00	0.00	91.00
41	Tripura	0.00	0.00	0.00	0.00	44.48	0.00	44.48
42	NEEPCO	0.00	6.71	0.00	0.00	0.00	0.00	6.71
	Total	52666.09	25871.07	3404.95	11847.35	7691.58	358.45	101839.48

Generation from Various Renewable Energy Sources for the Year 2018 – 19

Sl. No.	State/Utility	Wind	Solar	Biomass	Bagasse	Small Hydro	(All figures in MU)	
							Other s	Total
1	Chandigarh	0.00	13.51	0.00	0.00	0.00	0.00	13.51
2	Delhi	0.00	10.84	0.00	0.00	0.00	276.81	287.65
3	Haryana	0.00	65.95	192.68	146.37	250.84	0.00	655.83
4	HP	0.00	0.00	0.00	0.00	2287.93	0.00	2287.93
5	J & K	0.00	0.00	0.00	0.00	312.20	0.00	312.20
6	Punjab	0.00	1492.90	355.90	245.18	351.23	0.00	2445.21
7	Rajasthan	6322.94	4633.95	345.09	0.00	5.17	0.00	11307.15
8	Uttar Pradesh	0.00	1192.85	104.04	4324.40	19.01	0.00	5640.29
9	Uttarakhand .	0.00	318.29	0.00	109.89	676.79	0.00	1104.97
10	NTPC (Dadri, Faridabad, Unchahar Singrauli & Bhadla)	0.00	498.99	0.00	0.00	12.28	0.00	511.27
11	Oil India Ltd (Rajasthan)	80.85	25.18	0.00	0.00	0.00	0.00	106.04
12	Chhattisgarh	0.00	335.14	529.90	0.00	80.06	0.00	945.09
13	NTPC(Rajgarh, Rojmal & Mandsaur)	86.07	478.88	0.00	0.00	0.00	0.00	564.95
14	Gujarat	11199.51	2410.32	75.28	5.09	86.19	0.00	13776.39
15	Madhya Pradesh	4828.17	2503.41	2.01	110.32	145.47	51.11	7640.49
16	Maharashtra	7575.14	2206.62	445.98	3987.29	759.08	0.80	14974.91
17	Dadra and Nagar Haveli	0.00	5.76	0.00	0.00	0.00	0.00	5.76
18	Daman & Diu	0.00	18.94	0.00	0.00	0.00	0.00	18.94
19	Oil India Ltd(Madhya Pradesh & Gujrat)	241.47	0.00	0.00	0.00	0.00	0.00	241.47
20	Andhra Pradesh	8869.86	4545.80	201.86	312.45	193.12	7.27	14130.35
21	Telangana	274.83	6297.53	152.24	166.21	51.17	89.28	7031.25
22	Karnataka	9778.25	7575.83	155.02	2345.35	1803.09	0.00	21657.53
23	Kerala	107.94	110.84	0.00	0.00	551.55	0.00	770.33
24	NTPC(Ramagundem & Anantapuram)	0.00	434.89	0.00	0.00	0.00	0.00	434.89
25	Tamil Nadu	12600.85	3554.50	127.16	268.00	347.97	0.00	16898.48
26	Lakshadweep	0.00	1.12	0.00	0.00	0.00	0.00	1.12
27	Puducherry	0.00	2.58	0.00	0.00	0.00	0.00	2.58
28	Andaman & Nicobar	0.00	8.04	0.00	0.00	16.56	0.00	24.60
29	Bihar	12.28	179.89	10.59	257.63	27.74	0.00	488.14
30	Jharkhand	0.00	19.14	0.00	0.00	0.00	0.00	19.14
31	Odisha	58.23	249.13	66.08	0.00	266.10	0.00	639.55

32	Sikkim	0.00	0.00	0.00	0.00	28.10	0.00	28.10
33	West Bengal	0.00	40.61	0.00	1283.69	161.86	0.00	1486.16
34	DVC	0.00	0.06	0.00	0.81	1.76	0.00	2.63
35	NTPC(Andaman & Talcher)	0.00	19.71	0.00	0.00	0.00	0.00	19.71
36	Arunachal Pradesh	0.00	1.21	0.00	0.00	0.55	0.00	1.75
37	Assam	0.00	6.66	0.00	0.00	14.07	0.00	20.73
38	Manipur	0.00	1.88	0.00	0.00	0.00	0.00	1.88
39	Meghalaya	0.00	0.00	0.00	0.00	50.51	0.00	50.51
40	Mizoram	0.00	0.12	0.00	0.00	39.96	0.00	40.09
41	Nagaland	0.00	0.00	0.00	0.00	87.46	0.00	87.46
42	Tripura	0.00	0.00	0.00	0.00	42.98	0.00	42.98
43	NEEPCO	0.00	7.14	0.00	0.00	31.96	0.00	39.10
	Total	62036.38	39268.20	2763.82	13562.67	8702.75	425.28	126759.09

Tentative Generation from Various Renewable Energy Sources for the April 2019

								(All figures in MU)
Sl. No.	State/Utility	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Total
1	Chandigarh	0.00	2.32	0.00	0.00	0.00	0.00	2.32
2	Delhi	0.00	0.78	0.00	0.00	0.00	26.98	27.76
3	Haryana	0.00	6.52	14.66	16.06	24.20	0.00	61.44
4	HP	0.00	0.00	0.00	0.00	164.62	0.00	164.62
5	J & K	0.00	0.00	0.00	0.00	40.17	0.00	40.17
6	Punjab	0.00	141.73	26.32	31.61	29.92	0.00	229.58
7	Rajasthan	414.20	487.68	34.39	0.00	0.01	0.00	936.29
8	Uttar Pradesh	0.00	119.82	10.66	530.37	2.45	0.00	663.30
9	Uttarakhand .	0.00	36.12	0.00	13.88	67.65	0.00	117.65
10	NTPC (Dadri, Faridabad, Unchahar Singrauli & Bhadla)	0.00	42.71	0.00	0.00	0.70	0.00	43.41
11	Oil India Ltd (Rajasthan)	0.00	2.23	0.00	0.00	0.00	0.00	2.23
12	Chhattisgarh	0.00	34.81	47.94	0.00	4.14	0.00	86.89
13	NTPC(Rajgarh, Rojmal & Mandsaur)	10.99	46.77	0.00	0.00	0.00	0.00	57.76
14	Gujarat	953.64	308.85	10.49	3.19	7.89	7.77	1291.83
15	Madhya Pradesh	401.94	277.22	0.23	10.68	10.89	2.43	703.39
16	Maharashtra	513.13	233.28	34.28	309.56	50.39	0.13	1140.76
17	Dadra and Nagar Haveli	0.00	0.70	0.00	0.00	0.00	0.00	0.70
18	Daman & Diu	0.00	2.12	0.00	0.00	0.00	0.00	2.12
19	Oil India Ltd(Madhya Pradesh & Gujrat)	21.79	0.00	0.00	0.00	0.00	0.00	21.79
20	Andhra Pradesh	401.42	510.14	14.81	9.93	9.21	0.60	946.12
21	Telangana	6.23	606.13	10.19	4.12	0.49	0.86	628.02
22	Karnataka	514.64	791.54	14.09	91.95	36.46	0.00	1448.66
23	Kerala	4.84	11.75	0.00	0.00	32.16	0.00	48.74
24	NTPC(Ramagundem & Anantapuram)	0.00	38.90	0.00	0.00	0.00	0.00	38.90
25	Tamil Nadu	332.89	400.11	8.66	40.15	4.67	0.00	786.48
26	Lakshadweep	0.00	0.06	0.00	0.00	0.00	0.00	0.06

27	Puducherry	0.00	0.27	0.00	0.00	0.00	0.00	0.27
28	Andaman & Nicobar	0.00	1.29	0.00	0.00	0.63	0.00	1.93
29	Bihar	0.00	17.86	2.00	26.71	0.00	0.00	46.56
30	Jharkhand	0.00	1.85	0.00	0.00	0.00	0.00	1.85
31	Odisha	16.52	35.25	6.29	0.00	12.83	0.00	70.89
32	Sikkim	0.00	0.00	0.00	0.00	2.32	0.00	2.32
33	West Bengal	0.00	6.44	0.00	113.08	3.78	0.00	123.30
34	DVC	0.00	0.01	0.00	0.00	0.00	0.00	0.01
35	NTPC(Andaman & Talcher)	0.00	2.00	0.00	0.00	0.00	0.00	2.00
36	Arunachal Pradesh	0.00	0.11	0.00	0.00	0.05	0.00	0.15
37	Assam	0.00	0.49	0.00	0.00	1.53	0.00	2.02
38	Manipur	0.00	0.16	0.00	0.00	0.00	0.00	0.16
39	Meghalaya	0.00	0.00	0.00	0.00	4.45	0.00	4.45
40	Mizoram	0.00	0.04	0.00	0.00	3.67	0.00	3.71
41	Nagaland	0.00	0.00	0.00	0.00	0.18	0.00	0.18
42	Tripura	0.00	0.00	0.00	0.00	2.69	0.00	2.69
43	NEEPCO	0.00	0.61	0.00	0.00	0.00	0.00	0.61
	Total	3592.23	4168.66	235.01	1201.29	518.13	38.77	9754.08

Source: Central Electricity Authority(CEA)