

Grid connected Solar Projects: upto March 2021

Sr. No.	Solar Generating Plants	Installed Capacity (MW)*
1	Solar Generation plants across the State	2174
2	Solar Generation plants under Charanka Solar Park	848
3	Solar Generation plants connected at 11 kV level	244
Total		3266
Roof Top Solar Capacity		1005

Note: (*) The above installed solar capacity is DC solar capacity.

Solar Generation plants across the State: 2174 MW

(source: SLDC)

Sr. No.	Location	District	Installed Capacity (MW)	GETCO Substation
1	Ghaspur, Ta. Jafrabad	Amreli	10	66 kV Mota Barman
2	Vadgam, Ta. Khambhat	Anand	15	132 kV Undel
3	Shivlakha, Ta. Bhachau	Kutch	10	220 kV Shivlakha
4	Alwada, Ta. Dhanera	B.K	25	66 kV Khimmat
5	Dahej Ta. Bharuch	Bharuch	4	66 kV Dahej
6	Mithapur, Ta. Dwarka	Jamnagar	25	66 kV Varvala
7	Kesariya, Ta. Una	Junagadh	10	66 kV Kesharia
8	Bitra, Ta. Abdasa	Kutch	40	66 kV Netra
9	Shivlakha, Ta. Bhachau	Kutch	5	220 kV Shivlakha
10	Shivlakha, Ta. Bhachau	Kutch	10	220 kV Shivlakha
11	Shivlakha, Ta. Bhachau	Kutch	5	220 kV Shivlakha
12	NaniChher, Ta. Lakhpat	Kutch	5	66 kV GMDC
13	Pratapgad, Ta. Bhachau	Kutch	9	220 kV Shivlakha
14	Shivlakha, Ta. Bhachau	Kutch	5	220 kV Shivlakha
15	Chitrod, Ta. Bhachau	Kutch	20	220 kV Shivlakha
16	Karmariya, Ta. Bhachau	Kutch	15	66 kV Shikra
17	Kanyabe, Ta. Bhuj	Kutch	5	66 kV Kanaiyabe
18	Khirsara, Ta. Anjar	Kutch	5	66 kV Dudhai
19	Khirsara, Ta. Anjar	Kutch	15	66 kV Dudhai
20	Nayka, Ta. Sami	Patan	12	66 kV Bhadrada
21	Chandiyana, Ta. Sami	Patan	5	66 kV Bhadrada
22	Bhadrala/ Chandiyana, Ta. Sami	Patan	20	66 kV Bhadrada
23	Dahisar, Ta. Varahi	Patan	20	66 kV Dahisar
24	Gunthawada, Ta. Harij	Patan	15	66 kV Dunawada
25	Gunthawada, Ta. Harij	Patan	15	66 kV Aganwada
26	Khageshri, Ta. Kutiyana	Porbandar	5	66 kV Paravada
27	Helabeli, Ta. Kutiyana	Porbandar	10	66 kV Khageshri
28	Bapodar, Ta. Kutiyana	Porbandar	20	66 kV Rana Kandonna
29	Kerala, Ta. Kutiyana	Porbandar	15	66 kV Rana Kandonna
30	Dhak, Ta. Upleta	Rajkot	5	66 kV Tanaswa
31	Mervadar, Ta. Upleta	Rajkot	10	66 kV Mervadar
32	Mervadar, Ta. Upleta	Rajkot	5	66 kV Mervadar
33	Mervadar, Ta. Upleta	Rajkot	25	66 kV Mervadar
34	Mervadar, Ta. Upleta	Rajkot	10	66 kV Tanaswa

Sr. No.	Location	District	Installed Capacity (MW)	GETCO Substation
35	Rajkot	Rajkot	6	66 kV Kudava
36	Sirdi Sarkhandi, Ta.Dhans.	S.K.	5	66 kV Gabat
37	Khadoda, Ta.Dhansura	S.K.	10	66 kV Bayal
38	Dhama, Ta. Patdi	S'nagar	5	66 kV Dhama
39	Zainabad, Ta.Patdi	S'nagar	25	66 kV Patdi
40	Fatepura, Ta.Patdi	S'nagar	15	66 kV Patdi
41	Fatepura, Ta.Patdi	S'nagar	5	66 kV Patdi
42	Dhama, Ta. Patdi	S'nagar	5	66 kV Patdi
43	Dhedhuki, Ta.Sayla	S'nagar	25	66 kV Kuntalpur
44	Fatepura, Ta.Patdi	S'nagar	15	66 kV Dhama
45	Dhama, Ta. Patdi	S'nagar	9	66 kV Dhama
46	Kamalpur, Ta.Patdi	S'nagar	25	66 kV Kamalpur
47	Tikar, Ta.Muli	S'nagar	5	66 kV Muli
48	Kamalpur, Ta.Patdi	S'nagar	23	66 kV Kamalpur
49	Surel, Ta.Dasada	S'nagar	25	66 kV Dhama
50	Tiker, Ta. Muli	S'nagar	10	66 kV Sadla
51	NaniNaroli, Ta.Mangrol	Surat	5	66 kV Mosali
52	Kim. Ta. Olpad	Surat	87	220 kV Kim
53	Vadodara	Vadodara	10	66 kV Sama
54	Vadodara	Vadodara	26	66 kV Vyankatpura
55	Sanand	Ahmedabad	8	66 kV Madhavnagar
56	Kalamsar	Anand	4	-
57	Vartej	Bhavnagar	25	66 kV Motidharai
58	Gabat	Aravali	30	66 kV Gabat
59	Malitadi	Kheda	40	66 kV Malitadi
60	Vartol	S.K	28	66 kV Vartol
61	Chidra	Bharuch	35	66 kV Chidra
62	-	Kutch	5	-
63	Dhuvaran	Anand	76	220 kV Dhuvaran
64	Bavli	S'nagar	30	66 kV Bavli
65	Harij	Patan	30	66 kV Harij
66	Shinavad	Aravali	60	66 kV Shinavada (Muloj)
67	Netramali	S.K	60	66 kV Netramali
68	Digsar	S'nagar	39	66 kV Digsar
69	Sanesh	Bhavnagar	75	66 kV Sanesh
70	Bharuch	Bharuch	6	66 kV Wagra
71	Sudi	Bharuch	27	220 kV Amod
72	Jaloya	Banaskantha	52	66 kV Jaloya
73	Pipardi	Bhavnagar	42	66 kV Bhandariya
74	Talsana	Surendranagar	50	66 kV Rojasar
75	Bilvaniya	Himatnagar	66	66 kV Khadol
76	Bhordu	Palanpur	58	66 kV Bhoradu
77	Babsar	Himatnagar	51	66 kV Babsar
78	Khirasara	Anjar	225	400 kV Varsana
79	Khirasara	Anjar	141	400 kV Varsana
80	Talsana	Surendranagar	78	400 kV Chorania
81	Dhuvaran	Anand	60	220 kV Dhuvaran
Total			2174	

Solar Generation plants under Charanka Solar Park: 848 MW

Charanka Solar Park Connectivity (400 kV Charanka Substation)	<ul style="list-style-type: none"> (1) 400/220 kV, 2 x 315 MVA ICTs (2) 400 kV D/C Charanka - Veloda (Sankhari) line (3) 400 kV S/C Varsana - Charanka line (4) 400 kV S/C APL Mundra - Charanka line (5) 400 kV D/C Charanka - Zerda line (6) 220/66 kV, 8 X 100MVA (7) 220 kV D/C Charanka - Jangral line (8) 66 kV Charanka - Radhanpur line
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(source: SLDC)

Sr No.	Connected Substation	District	Capacity (in MW)
1	220 kV Charanka	Patan	15
2	220 kV Charanka	Patan	5
3	220 kV Charanka	Patan	10
4	220 kV Charanka	Patan	25
5	220 kV Charanka	Patan	5
6	220 kV Charanka	Patan	10
7	220 kV Charanka	Patan	5
8	220 kV Charanka	Patan	10
9	220 kV Charanka	Patan	15
10	220 kV Charanka	Patan	50
11	220 kV Charanka	Patan	35
12	220 kV Charanka	Patan	10
13	220 kV Charanka	Patan	25
14	220 kV Charanka	Patan	25
15	220 kV Charanka	Patan	20
16	220 kV Charanka	Patan	6
17	220 kV Charanka	Patan	5
18	220 kV Charanka	Patan	51
19	220 kV Charanka	Patan	5
20	220 kV Charanka	Patan	5
21	220 kV Charanka	Patan	25
22	220 kV Charanka	Patan	5
23	220 kV Charanka	Patan	52
24	220 kV Charanka	Patan	48
25	220 kV Charanka	Patan	33
26	220 kV Charanka	Patan	53
27	220 kV Charanka	Patan	47
28	220 kV Charanka	Patan	32
29	220 kV Charanka	Patan	47
30	220 kV Charanka	Patan	17
31	220 kV Charanka	Patan	71
33	220 kV Charanka	Patan	13
35	220 kV Charanka	Patan	26
36	220 kV Charanka	Patan	24
37	220 kV Charanka	Patan	20
Total			848