List of GETCO EHV substations for RE integration : September-2021

Sr. No.	Name of District	Name of Substation	Available Voltage Class	Tentative Feasible RE Capacity (MW)
Note: (1) This list is indicative only and does not stipulate available evacuation capacity at these substations. (2) Based on application for connectivity by applicant, feasibility of point of interconnection and stregthning requirement, if any, shall be assessed. (3) Maximum RE power integration at each voltage class may be considered as; (i) upto 130 MW at 132 KV level, (ii) upto 500 MW at 220 KV level & (iii) > 500 MW for 400 KV level. This capaciy includes RE integration at downstream level also. (4) RE power integration at EHV level shall be finalized after detailed system study. (5) The availability of required feeder bays at each GETCO substation is to be checked seperately after receipt of an application. (6) Kindly note that space is available inside switchyard, but there may be issues of line corridor, ROW, building control line etc. at some locations.				
1	Gandhinagar	400KV Soja	220 KV	132 KV - 80 to 130 MW 220 KV - 200 to 500 MW Total feasible capacity of the cluster is around 1000-1200 MW.
2	Aravalli	220KV Dhansura	220 KV	
3	Aravalli	220KV Faredi (Modasa)	220 KV	
4	Sabarkantha	220KV Bhutiya (Mathasur)	220 KV	
5	Gandhinagar	220KV Jamla	220 KV	
6	Mehsana	220KV Mitha (Jotana)	220 KV	
7	Sabarkantha	220KV Agiyol	132 KV	
8	Mehsana	220KV Mehsana	132 KV	
9	Patan	132KV Sidhpur	132 KV	
10	Patan	132KV Patan	132 KV	
11	Mehsana	132KV Visnagar	132 KV	
12	Banaskantha	400KV Kansari (Zerda)	400 KV	220 KV - 100 to 500 MW Total feasible capacity of the cluster is around 1000-1200 MW.
13	Patan	400 KV Veloda	400 KV / 220 KV	
14	Patan	220KV Sankhari	220 KV	
15	Banaskantha	220KV Palanpur	220 KV	
16	Banaskantha	220KV Agathala	220 KV	
17	Mahisagar	220KV Savdasna Muvada	220 KV	132 KV - 80 to 130 MW 220 KV - 200 to 500 MW
18	Panchmahal	220KV Godhra	132 KV	
19	Dahod	220KV Rupakheda (Zalod)	220 KV / 132 KV	
20	Chotaudaipur	132KV Zoz	132 KV	
21	Dahod	132KV Dahod	132 KV	
22	Vadodara	400KV Asoj	220 KV	132 KV - 80 to 130 MW 220 KV - 200 to 500 MW Total feasible capacity of the cluster is around 1000-1200 MW.
23	Vadodara	220KV Gotri	132 KV	
24	Chotaudaipur	220KV Kawant	220 KV	
25	Chotaudaipur	132KV Vasedi	132 KV	
26	Vadodara	132KV Javahar nagar	132 KV	
27	Vadodara	132KV Manjusar	132 KV	
28	Anand	132KV Ode	132 KV	
29	Gandhinagar	220KV Khanpur	220 KV	200-500 MW
30	Valsad	220KV Bhilad	220 KV	200-500 MW
31	Mehsana	400KV Vadavi	400 KV / 220 KV	200-500 MW
32	Rajkot	400KV Hadala	400 KV	200-500 MW
33	Anand	400KV Kasor	220 KV	200-500 MW
34	Ahmedabad	132KV Narol	132 KV	80-130 MW
35	Ahmedabad	400KV Chharodi (Sanand)	400 KV / 220 KV	200-500 MW
36	Gir Somnath	132KV Talala	132 KV	70-100 MW

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37	Surat	400KV Kosamba	400 KV / 220 KV	132 KV - 80 to 130 MW 220 KV - 200 to 500 MW Total feasible capacity of the cluster is around 1500-2000 MW.
38	Surat	220KV Kim	220 KV	
39	Surat	220KV Vav	220 KV	
40	Surat	220KV Ichchhapor	220 KV	
41	Surat	220KV Popda	220 KV / 132 KV	
42	Bharuch	220KV Haldarva	220 KV / 132 KV	
43	Bharuch	220KV Wagra	220 KV	
44	Bharuch	220KV Suva (Rahiyad)	220 KV	
45	Bharuch	220KV Achhalia	220 KV	
46	Tapi	220KV Virpore (Vyara)	220 KV	
47	Bharuch	220KV Zaghadia	220 KV	
48	Bharuch	132KV Ankleshwar	132 KV	
49	Bharuch	132KV Bharuch	132 KV	
50	Narmada	132KV Tilakwada	132 KV	
51	Bharuch	132KV Valiya	132 KV	
52	Surat	132KV Bhestan	132 KV	
53	Vadodara	220KV Karjan	132 KV	
54	Kutch	-400 KV Adani / GSBPL switchyard, nearby 400 KV Varsana (GETCO) substation - Adani / GSBPL to provide space at their switchyard free of cost & connectivity equipments will be provided by upcoming developer. - Cost of 400 KV line from Adani switchyard to Varsana (GETCO S/S) to be shared by developer with Adani / GSBPL		250-300 MW - 400 KV direct line **OR** - 220 KV / 132 KV line along with associated switchyard at Adani switchyard space & additional 400/220 KV OR 400/132 KV ICT at Adani switchyard
55	Vadodara	- 220 KV Waghodia direct line OR -220 KV NTPC switchyard, nearby 220 KV Waghodia (GETCO) substation - NTPC to provide space at their switchyard free of cost & connectivity equipments will be provided by upcoming developer. - Cost of 220 KV line from NTPC switchyard to Waghodia (GETCO S/S) to be shared by developer with NTPC.		100-150 MW
56	Ahmedabad	- 220 KV Bechraji direct line OR -220 KV Torrent switchyard, nearby 220 KV Bechraji (GETCO) substation - Torrent to provide space at their switchyard free of cost & connectivity equipments will be provided by upcoming developer. - Cost of 220 KV line from Torrent switchyard to Bechraji (GETCO S/S) to be shared by developer with Torrent.		100-150 MW