

Renewable Energy integration : List of Substations (As on December-2022 condition)

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 strengthening requirement, if any, shall be assessed.
- (3) Maximum RE power integration at 66 KV level shall be upto 30-50 MW for each 66 KV outlet from EHV substation and 40-70 MW at 66 KV Bus of EHV substation.
- (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 separately after receipt of an application. In case of line bay issue at a specified substation, developer has to select nearby substation from the list.
- (6) The substations mentioned with planned infrastructure as per the list are based on anticipated to be feasible by June-2023. However, due to any reason, whatsoever, if the substation / infrastructure is not constructed or commissioned, GETCO shall not be responsible to any person or legal entity in this respect. Any person or legal entity applying for connectivity to these substations likely to be commissioned, shall make an application with clear understanding that the sub stations may or may not get commissioned as per the schedule or may not come up at all without notice or assigning reasons thereof; no claim shall be entertained from any person or legal entity in this regard.

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
1	Bharuch	132KV Valia	66	21.57416	73.166199	Bharuch	Valia	70	Valia-1	70	132kV Valia	Existing
2	Bharuch	66KV Dharoli	66	21.617697	73.227875	Bharuch	Zagadia	50	Valia-2	50	132kV Valia	Existing
3	Bharuch	66KV Daheli	66	21.559298	73.225525	Bharuch	Valia	30	Valia-3	30	132kV Valia	Existing
4	Bharuch	66KV Petia	66	21.53158	73.30629	Bharuch	Valia	30	Valia-3	30	132kV Valia	Existing
5	Bharuch	66KV Mouza	66	21.553144	73.365372	Bharuch	Netrang	25	Valia-3	30	132kV Valia	Existing
6	Bharuch	66KV Dattanagar	66	21.622171	73.323853	Bharuch	Netrang	50	Valia-4	50	132kV Valia	Existing
7	Bharuch	66KV Bitada	66	21.712408	73.477943	Bharuch	Netrang	30	Valia-4	50	132kV Valia	Existing
8	Bharuch	66KV Dediapada	66	21.623857	73.585793	Narmada	Dediapada	30	Valia-4	50	132kV Valia	Existing
9	Bharuch	66KV Khaidipada	66	21.51893	73.491669	Narmada	Dediapada	30	Valia-4	50	132kV Valia	Existing
10	Bharuch	66KV Chikda	66	21.507702	73.64669	Narmada	Dediapada	30	Valia-4	50	132kV Valia	Existing
11	Bharuch	66KV Chimipatal	66	21.449301	73.6035	Surat	Umarpada	30	Valia-4	50	132kV Valia	Existing
12	Bharuch	66KV Bal	66	21.682878	73.693306	Narmada	Dediapada	30	Valia-4	50	132kV Valia	Existing
13	Bharuch	132KV Ankleshwar	132	21.631058	73.010101	Bharuch	Ankleshwar	100	Ankleshwar-132kV	100	132kV Ankleshwar	Existing
14	Bharuch	66KV Ankleshwar(U)	66	21.631184	72.960869	Bharuch	Ankleshwar	30	Ankleshwar-3	50	132kV Ankleshwar	Existing
15	Bharuch	66KV Hansot	66	21.576172	72.812645	Bharuch	Hansot	30	Ankleshwar-3	50	132kV Ankleshwar	Existing
16	Bharuch	66KV Samor	66	21.664106	73.038734	Bharuch	Ankleshwar	30	Ankleshwar-4	30	132kV Ankleshwar	Existing
17	Navsari	132KV Atul	66	20.537985	72.962151	Valsad	Valsad	70	Atul-1	70	220kV Atul	Existing
18	Navsari	66KV Dharampur	66	20.541388	73.1353	Valsad	Dharampur	50	Atul-2	50	220kV Atul	Existing
19	Navsari	66KV Nanivahiyal	66	20.474367	73.158386	Valsad	Dharampur	30	Atul-2	50	220kV Atul	Existing
20	Navsari	66KV Tiskaritalat	66	20.496613	73.140907	Valsad	Dharampur	30	Atul-2	50	220kV Atul	Existing
21	Navsari	66KV Velvach	66	20.290581	73.071564	Valsad	Valsad	30	Atul-2	50	220kV Atul	Existing
22	Navsari	66KV Atakpardi	66	20.58709	72.963013	Valsad	Valsad	50	Atul-3	50	220kV Atul	Existing
23	Navsari	66KV Piprol	66	20.500429	73.326187	Valsad	Dharampur	30	Atul-2	50	220kV Atul	Existing
24	Navsari	66KV Manaichondhi	66	20.565617	73.406677	Valsad	Dharampur	30	Atul-2	50	220kV Atul	Existing
25	Navsari	66KV Valandi	66	20.547409	73.070503	Valsad	Valsad	30	Atul-3	50	220kV Atul	Existing
26	Navsari	66KV Magod	66	20.560535	72.915207	Valsad	Valsad	30	Atul-3	50	220kV Atul	Existing
27	Navsari	66KV Umarsadi	66	20.514057	72.888855	Valsad	Pardi	30	Atul-3	50	220kV Atul	Existing
28	Navsari	66KV Valsad	66	20.591396	72.920937	Valsad	Valsad	30	Atul-6	30	220kV Atul	Existing
29	Navsari	220KV Bhilad	66	20.270178	72.902977	Valsad	Umbergaon	70	Bhilad-1	70	220kV Bhilad	Existing
30	Navsari	66KV Umargam	66	20.169689	72.766724	Valsad	Umbergaon	50	Bhilad-3	50	220kV Bhilad	Existing
31	Navsari	66KV Bhilad	66	20.270178	72.902977	Valsad	Umbergaon	50	Bhilad-2	50	220kV Bhilad	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
32	Navsari	66KV Waghai	66	20.765675	73.495888	Dang	Waghai	30	Ambheta-2	50	220kV Ambheta	Existing
33	Navsari	66KV Ahwa	66	20.758726	73.679657	Dang	Ahwa	30	Ambheta-2	50	220kV Ambheta	Existing
34	Navsari	66KV Saputara	66	20.598021	73.738358	Dang	Ahwa	30	Ambheta-2	50	220kV Ambheta	Existing
35	Navsari	66KV Tankal	66	20.859785	73.114937	Navsari	Chikhali	50	Ambheta-2	50	220kV Ambheta	Existing
36	Navsari	66KV Butlav	66	20.907278	73.080528	Navsari	Navsari	50	Ambheta-2	50	220kV Ambheta	Existing
37	Navsari	66KV Limzar	66	20.747604	73.292809	Navsari	Vansda	30	Ambheta-2	50	220kV Ambheta	Existing
38	Navsari	66KV Pratapnagar	66	20.794313	73.229904	Navsari	Vansda	50	Ambheta-2	50	220kV Ambheta	Existing
39	Navsari	66KV Vansda	66	20.767426	73.354355	Navsari	Vansda	50	Ambheta-2	50	220kV Ambheta	Existing
40	Navsari	66KV Chunavadi	66	20.825174	73.435249	Tapi	Dolvan	30	Ambheta-2	50	220kV Ambheta	Existing
41	Navsari	66KV Rankuva	66	20.810282	73.145966	Navsari	Chikhali	30	Ambheta-3	70	220kV Ambheta	Existing
42	Navsari	66KV Godthal	66	20.690001	73.190002	Navsari		30	Ambheta-3	70	220kV Ambheta	Existing
43	Navsari	66KV Anaval	66	20.833893	73.258659	Surat	Mahuva	30	Ambheta-3	70	220kV Ambheta	Existing
44	Navsari	66KV Vaheval	66	20.863861	73.301781	Surat	Mahuva	30	Ambheta-3	70	220kV Ambheta	Existing
45	Navsari	66KV Bhinar	66	20.824169	73.343811	Navsari	Vansda	30	Ambheta-3	70	220kV Ambheta	Existing
46	Navsari	66KV Untadi	66	20.698648	72.918358	Valsad	Valsad	30	Ambheta-4	50	220kV Ambheta	Existing
47	Navsari	66KV Balwada	66	20.717472	73.016846	Navsari	Chikhali	50	Ambheta-4	50	220kV Ambheta	Existing
48	Navsari	220KV Ichchhapore	220	21.188208	72.726425	Surat	Choryasi	400	Ichchhapore-220kV	400	220kV Ichchhapore	Existing
49	Navsari	220KV Ichchhapore	66	21.188208	72.726425	Surat	Choryasi	70	Ichchhapore-1	70	220kV Ichchhapore	Existing
50	Navsari	66KV Olpad	66	21.323465	72.754387	Surat	Olpad	50	Ichchhapore-5	50	220kV Ichchhapore	Existing
51	Navsari	66KV Saroli	66	21.268322	72.777832	Surat	Olpad	50	Ichchhapore-2	50	220kV Ichchhapore	Existing
52	Navsari	66KV Karamala	66	21.326403	72.807693	Surat	Olpad	50	Ichchhapore-5	50	220kV Ichchhapore	Existing
53	Navsari	66KV Segwachhama	66	21.220993	72.733307	Surat	Olpad	50	Ichchhapore-7	50	220kV Ichchhapore	Existing
54	Navsari	66KV Pala	66	21.209715	72.802292	Surat	Surat	50	Ichchhapore-6	50	220kV Ichchhapore	Existing
55	Navsari	66KV Hira Bourase (GHB)	66	21.184418	72.73436	Surat	Choryasi	50	Ichchhapore-8	50	220kV Ichchhapore	Existing
56	Navsari	66KV Pal	66	21.198215	72.780556	Surat	Choryasi	50	Ichchhapore-4	50	220kV Ichchhapore	Existing
57	Navsari	66KV Kosad	66	21.255127	72.851639	Surat	Choryasi	50	Ichchhapore-3	50	220kV Ichchhapore	Existing
58	Bharuch	220KV Kim	220	21.373051	72.978615	Surat	Mangrol(s)	400	Kim-220	400	220kV Kim	Existing
59	Bharuch	220KV Kim	66	21.373051	72.978615	Surat	Mangrol(s)	70	Kim-1	70	220kV Kim	Existing
60	Navsari	66KV Kamrej	66	21.282413	72.973099	Surat	Kamrej	50	Kim-2	50	220kV Kim	Existing
61	Bharuch	66KV Velanja	66	21.30619	72.911522	Surat	Kamrej	50	Kim-2	50	220kV Kim	Existing
62	Bharuch	66KV Karjan	66			Surat		50	Kim-3	50	220kV Kim	Existing
63	Bharuch	66KV Pipodra	66	21.355639	72.955711	Surat	Mangrol(s)	50	Kim-4	50	220kV Kim	Existing
64	Bharuch	66KV Pipodra(2)	66	21.356491	72.956047	Surat	Mangrol(s)	50	Kim-4	50	220kV Kim	Existing
65	Bharuch	66KV Karanj	66	21.367126	73.002274	Surat	Mangrol(s)	50	Kim-5	50	220kV Kim	Existing
66	Bharuch	66KV Tadkeshwar	66	21.368322	73.080437	Surat	Mandvi(s)	50	Kim-5	50	220kV Kim	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (in MW)	Main Cluster	Existing / Planned Infrastruct
67	Bharuch	66KV Areth	66	21.317698	73.138023	Surat	Mangrol(s)	50	Kim-5	50	220kV Kim	Existing
68	Bharuch	66KV Mosali	66	21.456804	73.148109	Surat	Mangrol(s)	50	Kim-6	50	220kV Kim	Existing
69	Navsari	132KV Bhestan	132	21.138563	72.847679	Surat	Choryasi	100	Bhestan-132kV	100	132kV Bhestan	Existing
70	Navsari	66KV Bhestan(B)	66	21.138563	72.847679	Surat	Choryasi	50	Bhestan-3	50	132kV Bhestan	Existing
71	Navsari	66KV Bardoli	66	21.115421	73.103134	Surat	Bardoli	50	Mota-2	50	220kV Mota	Existing
72	Navsari	66KV Sarbhon	66	21.064922	73.088203	Surat	Bardoli	50	Mota-3	50	220kV Mota	Existing
73	Navsari	66KV Aftwa	66	21.107162	73.150444	Surat	Bardoli	30	Mota-2	50	220kV Mota	Existing
74	Navsari	66KV Bamniya	66	20.93586	73.182472	Surat	Mahuva	50	Mota-3	50	220kV Mota	Existing
75	Navsari	66KV Singod	66	20.96698	73.036697	Navsari	Navsari	50	Mota-3	50	220kV Mota	Existing
76	Navsari	66KV Gopla	66	20.944435	73.109612	Surat	Mahuva	50	Mota-3	50	220kV Mota	Existing
77	Navsari	66KV Tarsadi	66	21.067499	73.130302	Surat	Mahuva	50	Mota-3	50	220kV Mota	Existing
78	Navsari	66KV Mahuva	66	21.031368	73.130592	Surat	Mahuva	50	Mota-3	50	220kV Mota	Existing
79	Navsari	66KV Kadod	66	21.213818	73.226593	Surat	Bardoli	30	Mota-4	30	220kV Mota	Existing
80	Navsari	66KV Madhi	66	21.167677	73.277336	Surat	Bardoli	30	Mota-4	30	220kV Mota	Existing
81	Navsari	66KV Parab	66	21.181004	73.00296	Surat	Palsana	50	Mota-6	50	220kV Mota	Existing
82	Navsari	66KV Borkhadi	66	21.679443	73.90538	Tapi	Vyara	30	Mota-2	50	220kV Mota	Existing
83	Navsari	66KV Lotarva	66	21.139036	73.310883	Tapi	Vyara	30	Mota-2	50	220kV Mota	Existing
84	Navsari	66KV Magarkui	66	21.071198	73.414406	Tapi	Vyara	30	Mota-2	50	220kV Mota	Existing
85	Navsari	66KV Sevni	66	21.231049	73.055031	Surat	Kamrej	50	Mota-7	50	220kV Mota	Existing
86	Bharuch	66KV Patna	66	21.285093	73.121979	Surat	Mandvi(s)	50	Mota-7	50	220kV Mota	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
87	Bharuch	66KV Kasal	66	21.28548	73.222549	Surat	Mandvi(s)	50	Mota-7	50	220kV Mota	Existing
88	Navsari	66KV Bhimpore	66	21.011726	73.259102	Tapi	Valod	30	Mota-3	50	220kV Mota	Existing
89	Navsari	66KV Manekpore	66	21.092911	73.228065	Surat	Bardoli	30	Mota-2	50	220kV Mota	Existing
90	Navsari	66KV Valod	66	21.05546	73.268059	Surat	Surat	30	Mota-2	50	220kV Mota	Existing
91	Navsari	66KV Kelkui	66	21.027973	73.315575	Tapi	Vyara	30	Mota-3	50	220kV Mota	Existing
92	Navsari	66KV Kalkwa	66	21.693056	73.598892	Tapi	Dolvan	30	Mota-3	50	220kV Mota	Existing
93	Navsari	66KV Virpur	66	20.961599	73.326698	Tapi	Valod	30	Mota-3	50	220kV Mota	Existing
94	Navsari	66KV Gadat	66	20.85931	72.995842	Navsari	Gandevi	30	Navsari-2	50	220kV Navsari	Existing
95	Navsari	66KV Mendhar	66	0	0	Navsari	Gandevi	30	Navsari-2	50	220kV Navsari	Existing
96	Navsari	66KV Abrama	66	20.852543	72.89341	Navsari	Navsari	30	Navsari-2	50	220kV Navsari	Existing
97	Navsari	66KV Sultanpur	66	20.863556	72.85807	Navsari	Jalalpore	30	Navsari-2	50	220kV Navsari	Existing
98	Navsari	66KV Chhaper	66	20.792761	72.933952	Navsari	Gandevi	30	Navsari-2	50	220kV Navsari	Existing
99	Navsari	66KV Eroo	66	20.931913	72.930611	Navsari	Navsari	50	Navsari-3	50	220kV Navsari	Existing
100	Navsari	66KV Dandi(SG)	66	20.88776	72.800163	Navsari	Jalalpore	30	Navsari-3	50	220kV Navsari	Existing
101	Navsari	66KV Maroli	66	21.035372	72.889709	Navsari	Jalalpore	15	Navsari-4	15	220kV Navsari	Existing
102	Navsari	66KV Tavdi	66	20.94869	72.897324	Navsari	Jalalpore	15	Navsari-4	15	220kV Navsari	Existing
103	Navsari	66KV Vesma	66	21.036283	72.985664	Navsari	Navsari	15	Navsari-4	15	220kV Navsari	Existing
104	Navsari	220KV Talangpore	66	21.07612	72.84021	Surat	Choryasi	70	Talangpore-1	70	220kV Talangpore	Existing
105	Navsari	66KV Vanz	66	21.078386	72.890617	Surat	Choryasi	50	Talangpore-2	60	220kV Talangpore	Existing
106	Navsari	66KV Erthan	66	21.112534	72.957291	Surat	Palsana	50	Talangpore-2	60	220kV Talangpore	Existing
107	Navsari	66KV Kharvasa	66	21.165337	73.106026	Surat	Choryasi	30	Talangpore-2	60	220kV Talangpore	Existing
108	Navsari	66KV Ubharat	66	21.013361	72.746635	Navsari	Jalalpore	40	Talangpore-4	40	220kV Talangpore	Existing
109	Navsari	66KV Khajod	66	21.112778	72.778893	Surat	Choryasi	40	Talangpore-6	40	220kV Talangpore	Existing
110	Navsari	66KV Bhimrad	66	21.131308	72.805244	Surat	Surat	40	Talangpore-7	50	220kV Talangpore	Existing
111	Navsari	66KV Vesu(II)	66	21.140482	72.75956	Surat	Choryasi	50	Talangpore-7	50	220kV Talangpore	Existing
112	Navsari	66KV Dumas	66	21.132778	72.723892	Surat	Surat	40	Talangpore-7	50	220kV Talangpore	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
113	Navsari	66KV Jiav	66	21.115305	72.829323	Surat	Choryasi	40	Talangpore-8	40	220kV Talangpore	Existing
114	Navsari	66KV Sachin(E)	66	21.092176	72.858208	Surat	Surat	50	Talangpore-9	50	220kV Talangpore	Existing
115	Navsari	66KV Sachin(A)	66	21.092176	72.858208	Surat	Surat	50	Talangpore-10	50	220kV Talangpore	Existing
116	Navsari	66KV Sachin C	66	21.093191	72.852829	Surat	Choryasi	50	Talangpore-10	50	220kV Talangpore	Existing
117	Navsari	220KV Popda	220	21.066666	72.900002	Surat	Choryasi	400	Popda-220kV	400	220kV Popda	Existing
118	Navsari	66KV Susm	66	21.080786	72.90551	Surat	Choryasi	50	Popda-1	50	220kV Popda	Existing
119	Navsari	66KV Bhatia	66	21.088057	72.925278	Surat	Choryasi	50	Popda-1	50	220kV Popda	Existing
120	Bharuch	220KV Suva (Rahiyad HGIS)	220	21.707911	72.66185	Bharuch	Vagra	200	Suva-220kV	200	220kV Suva	Existing
121	Bharuch	220KV Suva (Rahiyad HGIS)	66	21.707911	72.66185	Bharuch	Vagra	70	Suva-1	70	220kV Suva	Existing
122	Bharuch	66KV Suva	66	21.707701	72.661301	Bharuch	Vagra	30	Suva-4	30	220kV Suva	Existing
123	Bharuch	220KV Dahej	66	21.702278	72.586685	Bharuch	Vagra	70	Dahhej-1	70	220kV Dahej	Existing
124	Bharuch	66KV Dahej	66	21.717915	72.588974	Bharuch	Vagra	40	Dahhej-2	40	220kV Dahej	Existing
125	Bharuch	400KV Kosamba	400	21.5194	73.073128	Surat	Mangrol(s)	500	Kosamba-400kV	500	400kV Kosamba	Existing
126	Bharuch	66KV Panoli(II)	66	21.53619	72.981216	Bharuch	Ankleshwar	60	Kosamba-2	60	400kV Kosamba	Existing
127	Bharuch	66KV Kosamba-2	66	21.497107	73.002426	Surat	Mangrol(s)	30	Kosamba-4	40	400kV Kosamba	Existing
128	Bharuch	66KV Hansot	66	21.576172	72.812645	Bharuch	Hansot	30	Kosamba-3	30	400kV Kosamba	Existing
129	Bharuch	66KV Sajod	66			Bharuch	Hansot	30	Kosamba-3	30	400kV Kosamba	Existing
130	Bharuch	66KV Dhantrai	66			Bharuch	Hansot	30	Kosamba-3	30	400kV Kosamba	Existing
131	Navsari	66KV Kosmada	66	21.218355	72.928734	Surat	Kamrej	60	Vav-2	60	400kV Vav	Existing
132	Navsari	66KV Kadodara	66	21.175274	72.957634	Surat	Palsana	40	Vav-3	40	400kV Vav	Existing
133	Navsari	66KV Palsana	66	21.092546	73.000755	Surat	Palsana	40	Vav-3	40	400kV Vav	Existing
134	Navsari	66KV Deladwa	66	21.083307	72.883293	Surat	Choryasi	40	Vav-6	40	400kV Vav	Existing
135	Navsari	66KV Moti Tambadi	66	20.3186	73.023598	Valsad	Vapi	30	Vapi-2	30	220kV Vapi	Existing
136	Navsari	66KV Paria	66	20.436455	72.974098	Valsad	Pardi	30	Vapi-2	30	220kV Vapi	Existing
137	Navsari	66KV Panas	66	20.415234	73.15741	Valsad	Kaprada	30	Vapi-2	30	220kV Vapi	Existing
138	Navsari	66KV Nimkhal	66	20.469975	73.037155	Valsad	Pardi	30	Vapi-2	30	220kV Vapi	Existing
139	Navsari	66KV Kherlav	66	20.422922	73.020538	Valsad	Pardi	30	Vapi-2	30	220kV Vapi	Existing
140	Navsari	66KV Ambach	66	20.403229	72.990158	Valsad	Pardi	30	Vapi-2	30	220kV Vapi	Existing
141	Navsari	66KV Kaprada	66	20.348286	73.215828	Valsad	Kaprada	30	Vapi-2	30	220kV Vapi	Existing
142	Navsari	66KV Astol	66	20.258572	73.169594	Valsad	Kaprada	30	Vapi-2	30	220kV Vapi	Existing
143	Navsari	66KV Sutharpada	66	20.30851	73.371788	Valsad	Kaprada	30	Vapi-2	30	220kV Vapi	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
144	Navsari	66KV Sahuda	66	20.258932	73.320335	Valsad	Kaprada	30	Vapi-2	30	220kV Vapi	Existing
145	Navsari	66KV Chandor	66	20.344938	72.90403	Valsad	Vapi	40	Vapi-3	50	220kV Vapi	Existing
146	Bharuch	220KV Vagra	220	21.845888	72.838898	Bharuch	Vagra	200	Wagra-220kV	200	220kV Wagra	Existing
147	Bharuch	220KV Vagra	66	21.845888	72.838898	Bharuch	Vagra	70	Wagra-1	70	220kV Wagra	Existing
148	Bharuch	66KV Kukarwada	66	21.695068	72.957649	Bharuch	Bharuch	30	Wagra-2	30	220kV Wagra	Existing
149	Navsari	66KV Borikuva	66	21.547562	74.021881	Tapi	Kukarmunda	30	Ukai Hydro-1	40	220kV Ukai Hydro	Existing
150	Navsari	66KV Nizar	66	21.479864	74.186432	Tapi	Nizar	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
151	Navsari	66KV Kukarmunda	66	21.512241	74.122841	Tapi	Kukarmunda	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
152	Navsari	66KV Hathoda	66	21.530155	74.202927	Tapi	Kukarmunda	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
153	Navsari	66KV Nimbhora	66	21.530003	74.279457	Tapi	Nizar	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
154	Navsari	66KV Gamdi	66	0	0	Tapi	Nizar	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
155	Navsari	66KV Rumkitalav	66	21.423456	73.963768	Tapi	Nizar	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
156	Navsari	66KV Uchhal	66	21.17358	73.766991	Tapi	Uchhal	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
157	Navsari	66KV Naranpur	66	21.282648	73.837967	Tapi	Uchhal	30	Ukai Hydro-2	30	220kV Ukai Hydro	Existing
158	Navsari	66KV Chikhlibhesrot	66	21.206118	73.431931	Tapi	Songadh	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
159	Navsari	66KV Unchamala	66	21.220779	73.398064	Tapi	Vyara	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
160	Navsari	66KV Vadibhesrot	66	21.254675	73.553497	Tapi	Songadh	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
161	Navsari	66KV Waghnera	66	21.211012	73.505699	Tapi	Songadh	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
162	Bharuch	66KV Beddha	66	21.295773	73.368881	Surat	Mandvi(s)	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
163	Navsari	66KV Sisor	66	21.247561	73.439415	Tapi	Songadh	30	Ukai Hydro-3	30	220kV Ukai Hydro	Existing
164	Navsari	66KV Kavla	66	21.192415	73.491074	Tapi	Songadh	30	Ukai Hydro-4	30	220kV Ukai Hydro	Existing
165	Navsari	66KV Kumkuva	66	21.135639	73.532913	Tapi	Songadh	30	Ukai Hydro-4	30	220kV Ukai Hydro	Existing
166	Navsari	66KV Malangdev	66	20.983957	73.799683	Tapi	Songadh	30	Ukai Hydro-4	30	220kV Ukai Hydro	Existing
167	Navsari	66KV Subir	66	20.935923	73.779175	Dang	Subir	30	Ukai Hydro-4	30	220kV Ukai Hydro	Existing
168	Navsari	220KV Virpur	220	21.120144	73.454445	Tapi	Vyara	400	Virpore-220kV	400	220kV Virpore	Existing
169	Navsari	220KV Virpur	66	21.120144	73.454445	Tapi	Vyara	70	Virpore-1	70	220kV Virpore	Existing
170	Navsari	66KV Vyara(II)	66	21.112526	73.405945	Tapi	Vyara	30	Virpore-2	30	220kV Virpore	Existing
171	Navsari	66KV Vyara	66	21.112268	73.406784	Tapi	Vyara	30	Virpore-2	30	220kV Virpore	Existing
172	Navsari	66KV Chikhalvav	66	21.159643	73.380363	Tapi	Vyara	25	Virpore-2	25	220kV Virpore	Existing
173	Navsari	66KV Katishkuwadur	66	21.184439	73.33744	Tapi	Vyara	25	Virpore-2	25	220kV Virpore	Existing
174	Navsari	66KV Degama	66	21.08585	73.320869	Tapi	Valod	25	Virpore-2	25	220kV Virpore	Existing
175	Navsari	66KV Rupwada	66	21.33639	73.681946	Tapi	Vyara	25	Virpore-2	25	220kV Virpore	Existing
176	Navsari	66KV Karanjkhed	66	20.879873	73.442368	Tapi	Dolvan	30	Virpore-3	30	220kV Virpore	Existing
177	Navsari	66KV Pathakvadi	66	20.864277	73.348701	Tapi	Dolvan	30	Virpore-3	30	220kV Virpore	Existing
178	Navsari	66KV Dolvan	66	20.894699	73.324898	Tapi	Vyara	30	Virpore-3	30	220kV Virpore	Existing
179	Navsari	66KV Jesingpura	66	20.993376	73.371918	Tapi	Vyara	30	Virpore-3	30	220kV Virpore	Existing
180	Navsari	66KV Galkuva	66	21.069307	73.48465	Tapi	Vyara	30	Virpore-3	30	220kV Virpore	Existing
181	Navsari	66KV Mangalia	66	20.977053	73.405319	Tapi	Vyara	30	Virpore-3	30	220kV Virpore	Existing
182	Navsari	66KV Vadpada Pra. Umarda	66	21.066401	73.601234	Tapi	Songadh	30	Virpore-5	30	220kV Virpore	Existing
183	Navsari	66KV Taparwada	66	21.024076	73.598816	Tapi	Songadh	30	Virpore-5	30	220kV Virpore	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
184	Navsari	66KV Vadpada	66	21.072697	73.535599	Tapi	Songadh	30	Virpore-5	30	220kV Virpore	Existing
185	Jambuva	132/66KV Chhota Udepur (Vasedi)	132	22.322889	74.007736	Chhota-Udaipur	Chhota Udepur	100	Chhota Udepur-132kV	100	132kV Chhota Udepur	Existing
186	Jambuva	132/66KV Chhota Udepur (Vasedi)	66	22.322889	74.007736	Chhota-Udaipur	Chhota Udepur	70	Chhota Udepur-1	70	132kV Chhota Udepur	Existing
187	Jambuva	132KV Zoz	132	22.363771	74.032425	Chhota-Udaipur	Chhota Udepur	100	Zoz-132kV	100	132kV Zoz	Existing
188	Jambuva	132KV Zoz	66	22.363771	74.032425	Chhota-Udaipur	Chhota Udepur	70	Zoz-1	70	132kV Zoz	Existing
189	Jambuva	66KV Vadoth	66	22.472382	73.803421	Chhota-Udaipur	Jetpur pavi	30	Chhota Udepur-3	30	132kV Chhota Udepur	Existing
190	Jambuva	66KV Sajwa	66	22.208132	73.872238	Chhota-Udaipur	Jetpur pavi	30	Chhota Udepur-3	30	132kV Chhota Udepur	Existing
191	Jambuva	220KV Kawant	132	22.299068	74.011429	Chhota-Udaipur	Kawant	100	Kawan-132kV	100	220kV Kawant	Existing
192	Jambuva	66KV Bhekhadiya	66	22.111015	73.922798	Chhota-Udaipur	Kawant	30	Kawan-2	30	220kV Kawant	Existing
193	Jambuva	66KV Bhatpur	66	22.132887	73.657547	Chhota-Udaipur	Sankheda	10	Kawan-3	10	220kV Kawant	Existing
194	Jambuva	132KV Dahod	132	22.829399	74.232079	Dahod	Dahod	100	Dahod-1	100	132kV Dahod	Existing
195	Jambuva	66KV Kharod (chhapri)	66	22.895683	74.226288	Dahod	Dahod	30	Dahod-2	30	132kV Dahod	Existing
196	Jambuva	66KV Kathala	66	22.806276	74.39254	Dahod	Garbada	30	Dahod-2	30	132kV Dahod	Existing
197	Jambuva	66KV Nalvai(Garbada)	66	22.680859	74.289658	Dahod	Garbada	30	Dahod-3	30	132kV Dahod	Existing
198	Jambuva	66KV Vajelav	66	22.75449	74.174057	Dahod	Garbada	30	Dahod-3	30	132kV Dahod	Existing
199	Jambuva	220KV Rupkheda	220	23.000851	74.213852	Dahod	Zalod	300	Rupakheda-1	300	220kV Rupakheda	Existing
200	Jambuva	66KV Rupakheda	66	23.000851	74.213852	Dahod	Zalod	70	Rupakheda-2	70	220kV Rupakheda	Existing
201	Jambuva	66KV Zalod	66	23.090567	74.150833	Dahod	Zalod	30	Rupakheda-3	30	220kV Rupakheda	Existing
202	Jambuva	66KV Gultora	66	22.985413	74.296143	Dahod	Zalod	30	Rupakheda-3	30	220kV Rupakheda	Existing
203	Jambuva	66KV D Bariya	66	22.712605	73.911682	Dahod	Devgadhbaria	30	Limkheda-2	30	132kV Limkheda	Existing
204	Jambuva	66KV Piplod	66	22.820532	73.912689	Dahod	Devgadhbaria	30	Limkheda-2	30	132kV Limkheda	Existing
205	Jambuva	66KV Keliya	66	22.667269	73.99324	Dahod	Devgadhbaria	30	Limkheda-2	30	132kV Limkheda	Existing
206	Jambuva	66KV Fangiya	66	22.582037	73.914711	Dahod	Devgadhbaria	30	Limkheda-2	30	132kV Limkheda	Existing
207	Jambuva	66KV Piperi	66	22.648552	74.108276	Dahod	Dhanpur	30	Limkheda-3	30	132kV Limkheda	Existing
208	Jambuva	132KV Manjusar	132	22.436892	73.211136	Vadodara	Savli	100	Manjusar-132kV	100	132kV Manjusar	Existing
209	Jambuva	132KV Manjusar	66	22.436892	73.211136	Vadodara	Savli	70	Manjusar-1	70	132kV Manjusar	Existing
210	Jambuva	66KV Alindra	66	22.449114	73.228882	Vadodara	Savli	30	Manjusar-2	30	132kV Manjusar	Existing
211	Jambuva	220KV Gotri	132	22.312111	73.143394	Vadodara	Vadodara	100	Gotri-132kV	100	220kV Gotri	Existing
212	Jambuva	66KV Samiyala (Tandalja)	66			Vadodara	Vadodara	60	Gotri-2	60	220kV Gotri	Existing
213	Jambuva	66KV Bhayli	66	22.287592	73.119736	Vadodara	Vadodara	50	Gotri-3	50	220kV Gotri	Existing
214	Jambuva	66KV Koyali	66	22.360922	73.121567	Vadodara	Vadodara	60	Gotri-4	60	220kV Gotri	Existing
215	Jambuva	66KV Gotri(B)	66	22.312265	73.145576	Vadodara	Vadodara	60	Gotri-6	60	220kV Gotri	Existing
216	Jambuva	66KV Shubhanpura	66	22.321999	73.162865	Vadodara	Vadodara	60	Gotri-7	60	220kV Gotri	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
217	Nadiad	66KV Kheda	66	22.746845	72.69912	Kheda	Kheda	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
218	Nadiad	66KV Matar	66	22.690678	72.665764	Kheda	Matar	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
219	Nadiad	66KV Samadara	66	22.797401	72.654327	Kheda	Kheda	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
220	Nadiad	66KV Traj	66	22.4	72.370003	Kheda	Matar	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
221	Nadiad	66KV Palla	66	22.379999	72.330002	Kheda	Matar	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
222	Nadiad	66KV Limbashi	66	22.606598	72.621872	Kheda	Matar	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
223	Nadiad	66KV Kathoda	66	22.633476	72.672081	Kheda	Matar	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
224	Nadiad	66KV Vaso	66	22.667412	72.751999	Kheda	Vaso	25	Mahemdabad-2	25	132kV Mahemdabad	Existing
225	Nadiad	66KV Wathawadi	66	22.826078	72.802879	Kheda	Mahemdabad	30	Mahemdabad-3	30	132kV Mahemdabad	Existing
226	Nadiad	66KV Jinjer	66	22.905725	72.784599	Kheda	Mahemdabad	30	Mahemdabad-3	30	132kV Mahemdabad	Existing
227	Nadiad	66KV Haldarwas	66	22.938324	72.857239	Kheda	Kheda	30	Mahemdabad-4	30	132kV Mahemdabad	Existing
228	Nadiad	66KV Varsola	66	22.781389	72.82946	Kheda	Mahemdabad	30	Mahemdabad-4	30	132kV Mahemdabad	Existing
229	Nadiad	66KV Alina	66	22.787607	73.047356	Kheda	Mahudha	30	Mahemdabad-4	30	132kV Mahemdabad	Existing
230	Nadiad	66KV Ruppura	66	22.8423	72.994339	Kheda	Mahudha	30	Mahemdabad-4	30	132kV Mahemdabad	Existing
231	Nadiad	66KV Mahudha	66	22.811625	72.934151	Kheda	Mahudha	30	Mahemdabad-4	30	132kV Mahemdabad	Existing
232	Nadiad	66KV Samrakha	66	22.616953	72.966789	Anand	Anand	40	Nadiad-2	40	132kV Nadiad	Existing
233	Nadiad	66KV Vadad	66	22.84404	73.265205	Kheda	Galteshwar	30	Nadiad-2	40	132kV Nadiad	Existing
234	Nadiad	66kV Alindra (Pansora)	66			Kheda	Galteshwar	30	Nadiad-2	40	132kV Nadiad	Existing
235	Nadiad	66KV Paliya	66	22.730457	72.938347	Kheda	Nadiad	30	Nadiad-2	40	132kV Nadiad	Existing
236	Nadiad	66KV Dabhan	66	22.709019	72.834412	Kheda	Nadiad	30	Nadiad-3	30	132kV Nadiad	Existing
237	Nadiad	66KV Sandhana	66	22.7225	72.758614	Kheda	Kheda	30	Nadiad-3	30	132kV Nadiad	Existing
238	Jambuva	66KV Rania	66	22.495935	73.135185	Vadodara	Savli	40	Nandesari-2	40	132kV Nandesari	Existing
239	Jambuva	66KV Poicha	66	22.468731	73.1063	Vadodara	Savli	40	Nandesari-2	40	132kV Nandesari	Existing
240	Jambuva	66KV Nandesari(III)	66	22.3936	73.102997	Vadodara	Vadodara	60	Nandesari-3	60	132kV Nandesari	Existing
241	Jambuva	66KV Ranoli	66	22.399591	73.133888	Vadodara	Vadodara	40	Nandesari-4	40	132kV Nandesari	Existing
242	Nadiad	132KV Ode	132	22.610239	73.124199	Anand	Anand	100	Ode-132kV	100	132kV Ode	Existing
243	Nadiad	132KV Ode	66	22.610239	73.124199	Anand	Anand	70	Ode-1	70	132kV Ode	Existing
244	Nadiad	66KV Bhalej	66	22.640656	73.039314	Anand	Umreth	30	Ode-4	30	132kV Ode	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
245	Nadiad	66KV Rakhial	66	22.75057	73.171005	Kheda	Thasra	30	Ode-4	30	132kV Ode	Existing
246	Nadiad	132KV Narol	132	22.950584	72.587296	Ahmedabad	Daskroi	100	Narol-132kV	100	132kV Narol	Existing
247	Nadiad	132KV Narol	66	22.950584	72.587296	Ahmedabad	Daskroi	70	Narol-1	70	132kV Narol	Existing
248	Nadiad	66KV Jetalpur	66	22.883978	72.577728	Ahmedabad	Daskroi	40	Narol-2	40	132kV Narol	Existing
249	Nadiad	66KV Paldikankaj	66	22.887333	72.532036	Ahmedabad	Daskroi	40	Narol-2	40	132kV Narol	Existing
250	Nadiad	66KV Lambha	66	22.923904	72.562592	Ahmedabad	Daskroi	15	Narol-3	15	132kV Narol	Existing
251	Nadiad	66KV Bidaj	66	22.851385	72.614952	Kheda	Kheda	40	Barejadi-2	40	220kV Barejadi	Existing
252	Nadiad	66KV Vinzol	66	22.943853	72.646599	Ahmedabad	Daskroi	40	Barejadi-3	40	220kV Barejadi	Existing
253	Nadiad	66KV Vehalal	66	23.086613	72.754486	Ahmedabad	Daskroi	40	Barejadi-3	40	220kV Barejadi	Existing
254	Nadiad	66KV Kanabha	66	23.009954	72.718681	Ahmedabad	Daskroi	40	Barejadi-3	40	220kV Barejadi	Existing
255	Nadiad	66KV Hirapur	66	22.922409	72.704552	Ahmedabad	Daskroi	40	Barejadi-3	40	220kV Barejadi	Existing
256	Nadiad	66KV Dhamatvan	66	22.965834	72.965834	Ahmedabad	Daskroi	30	Barejadi-3	40	220kV Barejadi	Existing
257	Nadiad	66KV Nenpur	66	22.85211	72.730064	Kheda	Mahemdabad	30	Barejadi-3	40	220kV Barejadi	Existing
258	Mehsana	400KV Vadavi	400	23.203552	72.400383	Mehsana	Kadi	500	Vadavi-400kV	500	400kV Vadavi	Existing
259	Mehsana	400KV Vadavi	220	23.203552	72.400383	Mehsana	Kadi	400	Vadavi-220kV	400	400kV Vadavi	Existing
260	Mehsana	400KV Vadavi	66	23.203552	72.400383	Mehsana	Kadi	70	Vadavi-1	70	400kV Vadavi	Existing
261	Nadiad	66KV Bhadaj	66	23.09746	72.486763	Ahmedabad	Daskroi	60	Vadavi-2	60	400kV Vadavi	Existing
262	Mehsana	66KV Adalaj	66	23.168211	72.574112	Gandhinagar	Gandhinagar	60	Sabarmati-2	60	132kV Sabarmati	Existing
263	Nadiad	66KV Sargasan	66	23.188261	72.621117	Gandhinagar	Gandhinagar	60	Sabarmati-2	60	132kV Sabarmati	Existing
264	Nadiad	66KV Khoraj (shaligram)	66			Gandhinagar	Gandhinagar	60	Sabarmati-3	60	132kV Sabarmati	Existing
265	Nadiad	66KV Godrej city	66	23.117254	72.559387	Ahmedabad	Ahmedabad	60	Sabarmati-3	60	132kV Sabarmati	Existing
266	Jambuva	132KV Tilakwada	132	21.957424	73.593903	Narmada	Tilakwada	100	Tilakwada-132kV	100	132kV Tilakwada	Existing
267	Jambuva	66KV Kosindra	66	22.145798	73.753471	Chhota-Udaipur	Bodeli	30	Tilakwada-2	30	132kV Tilakwada	Existing
268	Jambuva	66KV Naswadi	66	22.048035	73.739128	Chhota-Udaipur	Nasvadi	30	Tilakwada-2	30	132kV Tilakwada	Existing
269	Jambuva	66KV Suikuva	66	22.0613	73.631203	Narmada	Tilakwada	40	Tilakwada-2	40	132kV Tilakwada	Existing
270	Jambuva	66KV Namalpur	66	22.005898	73.638748	Narmada	Tilakwada	40	Tilakwada-2	40	132kV Tilakwada	Existing
271	Jambuva	66KV Amadala	66	21.912024	73.721436	Narmada	Garudeshwar	50	Tilakwada-3	50	132kV Tilakwada	Existing
272	Jambuva	66KV Garudeshwar	66	21.893906	73.662727	Narmada	Garudeshwar	50	Tilakwada-3	50	132kV Tilakwada	Existing
273	Jambuva	66KV Limpura	66	22.019114	73.533562	Narmada	Tilakwada	30	Tilakwada-4	40	132kV Tilakwada	Existing
274	Jambuva	66KV Chandod	66	21.998369	73.447418	Vadodara	Dabhoi	25	Tilakwada-5	25	132kV Tilakwada	Existing
275	Jambuva	66KV Pisai	66	22.062403	73.34758	Vadodara	Dabhoi	25	Tilakwada-5	25	132kV Tilakwada	Existing
276	Bharuch	220KV Achhalia	220	21.787964	73.289993	Bharuch	Zagadia	400	Achhalia-220kV	400	220kV Achhalia	Existing
277	Bharuch	220KV Achhalia	66	21.787964	73.289993	Bharuch	Zagadia	70	Achhalia-1	70	220kV Achhalia	Existing
278	Bharuch	66KV Rajpardi	66	21.76943	73.227654	Bharuch	Zagadia	30	Achhalia-2	30	220kV Achhalia	Existing
279	Bharuch	66KV Zagadia	66	21.704205	73.150421	Bharuch	Zagadia	30	Achhalia-2	30	220kV Achhalia	Existing
280	Bharuch	66KV Avidha	66	21.7658	73.187302	Bharuch	Zagadia	30	Achhalia-2	30	220kV Achhalia	Existing
281	Bharuch	66KV Panetha	66	21.892532	73.271935	Bharuch	Zagadia	30	Achhalia-3	30	220kV Achhalia	Existing
282	Bharuch	66KV Rajpipla	66	21.853289	73.589211	Narmada	Nandod	25	Achhalia-4	25	220kV Achhalia	Existing
283	Bharuch	66KV Amletha	66	21.802422	73.424438	Narmada	Nandod	25	Achhalia-4	25	220kV Achhalia	Existing
284	Bharuch	66KV Pratapnagar	66	23.486671	72.146133	Narmada	Nandod	25	Achhalia-4	25	220kV Achhalia	Existing
285	Bharuch	66KV Ori	66	21.916368	73.381691	Narmada	Nandod	50	Achhalia-5	50	220kV Achhalia	Existing
286	Surendranagar	400KV Chharodi	400	23.039522	72.263237	Ahmedabad	Sanand	500	Chharodi-400kV	500	400kV Chharodi	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
287	Surendranagar	400KV Chharodi	220	23.039522	72.263237	Ahmedabad	Sanand	400	Chharodi-220kV	400	400kV Chharodi	Existing
288	Nadiad	66KV Vichhiya	66	22.918976	72.287636	Ahmedabad	Sanand	50	Bhat-3	50	220kV Bhat	Existing
289	Nadiad	66KV Changodar	66	22.918905	72.441093	Ahmedabad	Sanand	30	Bhat-4	30	220kV Bhat	Existing
290	Nadiad	66KV Sanathal	66	22.965527	72.47403	Ahmedabad	Sanand	60	Bhat-5	60	220kV Bhat	Existing
291	Nadiad	66KV Vishalpur	66	22.929281	72.473633	Ahmedabad	Sanand	60	Bhat-5	60	220kV Bhat	Existing
292	Surendranagar	66KV Thuleta	66	22.947538	72.113068	Ahmedabad	Viramgam	60	Bhat-5	60	220kV Bhat	Existing
293	Nadiad	66KV Shella	66	22.996332	72.46936	Ahmedabad	Sanand	60	Bhat-5	60	220kV Bhat	Existing
294	Jambuva	220KV Chandrapura	66	22.547646	73.443398	Panchmahal	Halol	70	Chandrapura-1	70	220kV Chandrapura	Existing
295	Jambuva	66KV Ghoghamba	66	22.568743	73.630188	Panchmahal	Ghoghamba	30	Chandrapura-2	30	220kV Chandrapura	Existing
296	Jambuva	66KV Simaliya	66	22.675268	73.698288	Panchmahal	Ghoghamba	30	Chandrapura-2	30	220kV Chandrapura	Existing
297	Jambuva	66KV Shivrajpur	66	22.429949	73.600548	Panchmahal	Halol	30	Chandrapura-2	30	220kV Chandrapura	Existing
298	Jambuva	66KV Ranjitnagar	66	22.5193	73.595497	Panchmahal	Ghoghamba	30	Chandrapura-2	30	220kV Chandrapura	Existing
299	Jambuva	66KV Gollav	66	22.701462	73.808716	Panchmahal	Godhra	30	Chandrapura-2	30	220kV Chandrapura	Existing
300	Jambuva	66KV Tarkhanda	66	22.557764	73.544327	Panchmahal	Halol	30	Chandrapura-2	30	220kV Chandrapura	Existing
301	Jambuva	66KV Ankaliya	66	22.599695	73.389175	Vadodara	Savli	30	Chandrapura-5	30	220kV Chandrapura	Existing
302	Jambuva	66KV Khakhriya	66	22.543806	73.413177	Vadodara	Savli	30	Chandrapura-5	30	220kV Chandrapura	Existing
303	Jambuva	220KV Godhra	132	22.759249	73.610138	Panchmahal	Godhra	100	Godhra-132kV	100	220kV Godhra	Existing
304	Jambuva	220KV Godhra	66	22.759249	73.610138	Panchmahal	Godhra	70	Godhra-1	70	220kV Godhra	Existing
305	Jambuva	66KV Vejalpur	66	22.680779	73.548805	Panchmahal	Kalol	30	Godhra-2	30	220kV Godhra	Existing
306	Jambuva	66KV Bhukhi	66	22.628462	73.590187	Panchmahal	Ghoghamba	30	Godhra-2	30	220kV Godhra	Existing
307	Jambuva	66KV Santroad	66	22.804335	73.797043	Panchmahal	Godhra	30	Godhra-4	30	220kV Godhra	Existing
308	Jambuva	66KV Mehuliya	66	'-	'-	'-	'-	30	Godhra-4	30	220kV Godhra	Existing
309	Jambuva	66KV Rajayata	66	23.003687	73.868874	Panchmahal	Morva Hadaf	30	Godhra-4	30	220kV Godhra	Existing
310	Jambuva	66KV Chandpur	66	22.914137	73.466637	Panchmahal	Morva Hadaf	30	Godhra-4	30	220kV Godhra	Existing
311	Jambuva	66KV Mota Ambaliya	66	23.000345	73.945236	Dahod	Limkheda	30	Godhra-4	30	220kV Godhra	Existing
312	Jambuva	66KV Jafrabad	66	22.791527	73.638786	Panchmahal	Godhra	30	Godhra-4	30	220kV Godhra	Existing
313	Jambuva	66KV Timba	66	22.814835	73.399101	Panchmahal	Godhra	25	Godhra-5	25	220kV Godhra	Existing
314	Jambuva	66KV Vachhesar	66	22.777386	73.391685	Vadodara	Desar	25	Godhra-5	25	220kV Godhra	Existing
315	Jambuva	66KV Tuva	66	22.818066	73.478989	Panchmahal	Godhra	25	Godhra-5	25	220kV Godhra	Existing
316	Jambuva	66KV Gokalpura	66	22.907427	73.446953	Panchmahal	Shehera	25	Godhra-5	25	220kV Godhra	Existing
317	Jambuva	66KV Nandarava	66	22.963991	73.689949	Panchmahal	Shehera	30	Godhra-6	30	220kV Godhra	Existing
318	Jambuva	66KV Panam	66	23.3874	73.421715	Panchmahal	Shehera	30	Godhra-6	30	220kV Godhra	Existing
319	Jambuva	66KV Khandiya	66	'-	'-	'-	'-	30	Godhra-6	30	220kV Godhra	Existing
320	Jambuva	66KV Padaradi	66	22.815428	73.710037	Panchmahal	Shehera	30	Godhra-6	30	220kV Godhra	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
321	Jambuva	220KV Jambuva	66	22.215376	73.191261	Vadodara	Vadodara	70	Jambuva-1	70	220kV Jambuva	Existing
322	Jambuva	220KV Gavasad	66	22.170601	72.947731	Vadodara	Padra	70	Gavasad-1	70	220kV Gavasad	Existing
323	Jambuva	66KV Karkhadi	66	22.206795	72.918816	Vadodara	Padra	50	Gavasad-2	60	220kV Gavasad	Existing
324	Jambuva	66KV Mobha	66	22.174135	72.958389	Vadodara	Padra	60	Gavasad-2	60	220kV Gavasad	Existing
325	Bharuch	220KV Zagadia	220	21.661615	73.144798	Bharuch	Zagadia	400	Zagadia-220kV	400	220kV Zagadia	Existing
326	Bharuch	220KV Zagadia	66	21.661615	73.144798	Bharuch	Zagadia	70	Zagadia-1	70	220kV Zagadia	Existing
327	Bharuch	66KV Randeri	66	21.615349	73.134537	Bharuch	Zagadia	60	Zagadia-2	60	220kV Zagadia	Existing
328	Bharuch	132KV Bharuch	66	21.709515	73.008575	Bharuch	Bharuch	70	Bharuch-1	70	132kV Bharuch	Existing
329	Bharuch	220KV Haldarwa	220	21.75325	73.03051	Bharuch	Bharuch	400	Haldarwa-220kV	400	220kV Haldarwa	Existing
330	Bharuch	220KV Haldarwa	132	21.75325	73.03051	Bharuch	Bharuch	100	Haldarwa-132kV	100	220kV Haldarwa	Existing
331	Bharuch	220KV Haldarwa	66	21.75325	73.03051	Bharuch	Bharuch	70	Haldarwa-1	70	220kV Haldarwa	Existing
332	Bharuch	66KV Zador	66	21.835718	73.118469	Bharuch	Bharuch	30	Haldarwa-3	30	220kV Haldarwa	Existing
333	Bharuch	66KV Bori (Hingalla)	66	21.486191	73.002258	Bharuch	Bharuch	30	Haldarwa-4	30	220kV Haldarwa	Existing
334	Bharuch	66KV Saring	66	21.894501	73.121742	Vadodara	Karjan	30	Haldarwa-5	30	220kV Haldarwa	Existing
335	Bharuch	66KV Kadod	66	21.213818	73.226593	Bharuch	Bharuch	30	Haldarwa-6	30	220kV Haldarwa	Existing
336	Bharuch	66KV Haldarva	66	21.751797	73.028023	Bharuch	Bharuch	30	Haldarwa-7	30	220kV Haldarwa	Existing
337	Nadiad	66KV Kapadwanj	220	23.009319	73.083572	Kheda	Kapadwanj	200	Kapadwanj-220	200	220kV Kapadwanj	Existing
338	Nadiad	66KV Kapadwanj	66	23.009319	73.083572	Kheda	Kapadwanj	70	Kapadwanj-1	70	220kV Kapadwanj	Existing
339	Nadiad	66KV Nirmali	66	23.119856	73.055916	Kheda	Kapadwanj	30	Kapadwanj-4	30	220kV Kapadwanj	Existing
340	Nadiad	66KV Attarsumba	66	23.047318	72.976776	Kheda	Kapadwanj	30	Kapadwanj-4	30	220kV Kapadwanj	Existing
341	Nadiad	66KV Bhailakui [Hamirpura]	66	23.066256	72.998962	Kheda	Kapadwanj	30	Kapadwanj-4	30	220kV Kapadwanj	Existing
342	Nadiad	66KV Torna	66	22.970352	72.992088	Kheda	Kapadwanj	30	Kapadwanj-5	30	220kV Kapadwanj	Existing
343	Nadiad	66KV Khalal	66	22.985401	72.875259	Kheda	Kathlal	30	Kapadwanj-5	30	220kV Kapadwanj	Existing
344	Nadiad	66KV Kathalal	66	22.894581	72.978218	Kheda	Kathlal	30	Kapadwanj-6	30	220kV Kapadwanj	Existing
345	Nadiad	66KV Aklacha	66	22.869446	72.853188	Kheda	Mahemdabad	30	Kapadwanj-6	30	220kV Kapadwanj	Existing
346	Nadiad	66KV Abhripur	66	22.900322	72.991158	Kheda	Kathlal	30	Kapadwanj-6	30	220kV Kapadwanj	Existing
347	Nadiad	66KV Anara	66	22.902849	73.059608	Kheda	Kathlal	50	Kapadwanj-7	50	220kV Kapadwanj	Existing
348	Nadiad	66KV Morambli	66	22.46414	73.042473	Kheda	Thasra	50	Kapadwanj-7	50	220kV Kapadwanj	Existing
349	Nadiad	66KV Jorapura	66	23.017204	73.369415	Mahisagar	Balasinor	15	Kapadwanj-8	15	220kV Kapadwanj	Existing
350	Nadiad	66KV Bhutiya	66	23.042524	73.251328	Kheda	Kapadwanj	15	Kapadwanj-8	15	220kV Kapadwanj	Existing
351	Nadiad	220KV Khanpur	220	23.220978	72.875954	Gandhinagar	Dehgam	400	Khanpur-220kV	400	220kV Khanpur	Existing
352	Nadiad	220KV Khanpur	66	23.220978	72.875954	Gandhinagar	Dehgam	70	Khanpur-1	70	220kV Khanpur	Existing
353	Nadiad	66KV Kuha	66	23.005484	72.766785	Ahmedabad	Daskroi	60	Khanpur-2	60	220kV Khanpur	Existing
354	Nadiad	66KV Bahial	66	23.069632	72.877968	Gandhinagar	Dehgam	60	Khanpur-2	60	220kV Khanpur	Existing
355	Bharuch	66KV Ochhan	66	21.5928	73.153999	Bharuch	Amod	10	Amod-1	10	220kV Amod	Existing
356	Jambuva	66KV Handod	66	22.067818	73.037521	Vadodara	Karjan	10	Amod-1	10	220kV Amod	Existing
357	Jambuva	220KV Karjan	66	22.048655	73.13504	Vadodara	Karjan	70	Karjan-1	70	220kV Karjan	Existing
358	Jambuva	66KV Sadhali	66	21.988205	73.298637	Vadodara	Sinor	25	Karjan-2	25	220kV Karjan	Existing
359	Jambuva	66KV Sinor	66	21.909903	73.33313	Vadodara	Sinor	25	Karjan-2	25	220kV Karjan	Existing
360	Jambuva	66KV Saraswani	66	22.094231	73.061928	Vadodara	Padra	30	Karjan-3	60	220kV Karjan	Existing
361	Jambuva	66KV KSHIPURA	66	22.128283	73.185066	Vadodara	Vadodara	30	Karjan-4	60	220kV Karjan	Existing
362	Jambuva	66KV Lakodara	66	21.988302	73.104584	Vadodara	Karjan	30	Karjan-5	60	220kV Karjan	Existing
363	Nadiad	66KV Gopalpura	66	22.517319	72.99102	Anand	Anand	30	Karamsad-2	30	220kV Karamsad	Existing
364	Nadiad	66KV Jol	66	22.571814	72.885529	Anand	Anand	30	Karamsad-2	30	220kV Karamsad	Existing
365	Nadiad	66KV Changa	66	22.597946	72.816833	Anand	Petlad	30	Karamsad-4	60	220kV Karamsad	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
366	Nadiad	66KV Uttarsanda	66	22.648964	72.897133	Kheda	Nadiad	30	Karamsad-4	60	220kV Karamsad	Existing
367	Nadiad	66KV Kanjari	66	22.611839	72.917297	Kheda	Nadiad	30	Karamsad-4	60	220kV Karamsad	Existing
368	Nadiad	66KV Akhdol	66	22.622599	72.841888	Kheda	Nadiad	30	Karamsad-4	60	220kV Karamsad	Existing
369	Nadiad	66KV Anklav	66	22.373322	72.994507	Anand	Anklav	30	Karamsad-5	30	220kV Karamsad	Existing
370	Nadiad	66KV Navli	66	22.493299	72.964401	Anand	Anand	30	Karamsad-5	30	220kV Karamsad	Existing
371	Himmatnagar	66KV Khadol	66	23.301704	73.275146	Aravalli	Bayad	30	Karamsad-5	30	220kV Karamsad	Existing
372	Nadiad	66KV Ras	66	22.343731	72.825859	Anand	Borsad	30	Karamsad-6	30	220kV Karamsad	Existing
373	Nadiad	66KV Virsad	66	22.388092	72.789162	Anand	Petlad	30	Karamsad-6	30	220kV Karamsad	Existing
374	Nadiad	66KV Timba	66	22.31312	72.6194	Anand	Khambhat	30	Karamsad-7	30	220kV Karamsad	Existing
375	Nadiad	400KV Kasor	220	22.53784	72.781418	Anand	Sojitra	400	Kasor-220kV	400	400kV Kasor	Existing
376	Nadiad	132KV Chandkheda	66	22.117132	72.559364	Ahmedabad	Ahmedabad	70	Ranasan-4	70	132kV Chandkheda	Existing
377	Jambuva	400KV Asoj	66	22.367268	73.262291	Vadodara	Vadodara	70	Asoj-1	70	400kV Asoj	Existing
378	Jambuva	132KV Javahar nagar	132	22.388084	73.123085	Vadodara	Vadodara	100	Jawaharnagar-132kV	100	132kV Jawaharnagar	Existing
379	Jambuva	66KV Khakhriya	66	22.543806	73.413177	Vadodara	Savli	30	Asoj-2	30	400kV Asoj	Existing
380	Jambuva	66KV Chhani A	66	22.354906	73.169258	Vadodara	Vadodara	50	Asoj-4	50	400kV Asoj	Existing
381	Jambuva	220KV Savdasnamuvada	220	23.172535	73.695564	Mahisagar	Lunawada	400	Savdasnamuvad a-20kV	400	220kV Savdasnamuvada	Existing
382	Jambuva	220KV Savdasnamuvada	66	23.172535	73.695564	Mahisagar	Lunawada	70	Savdasnamuvad a-1	70	220kV Savdasnamuvada	Existing
383	Jambuva	66KV Kothamba	66	23.034286	73.518196	Mahisagar	Lunawada	30	Savdasnamuvad a-2	30	220kV Savdasnamuvada	Existing
384	Jambuva	66KV Santrampur	66	23.193371	73.891975	Mahisagar	Santrampur	30	Savdasnamuvad a-2	30	220kV Savdasnamuvada	Existing
385	Jambuva	66KV Valakhedi	66	23.135641	73.930229	Mahisagar	santrampur	30	Savdasnamuvad a-2	30	220kV Savdasnamuvada	Existing
386	Jambuva	66KV Lakhampur	66	23.150551	74.106621	Dahod	Fatepura	30	Savdasnamuvad a-2	30	220kV Savdasnamuvada	Existing
387	Jambuva	66KV Ditvas	66	23.429609	73.776138	Mahisagar	Kadana	30	Savdasnamuvad a-3	30	220kV Savdasnamuvada	Existing
388	Jambuva	66KV Bakor	66	23.350735	73.62027	Mahisagar	Khanpur	30	Savdasnamuvad a-3	30	220kV Savdasnamuvada	Existing
389	Jambuva	66KV Mota Khanpur	66	23.286404	73.679756	Mahisagar	Khanpur	30	Savdasnamuvad a-3	30	220kV Savdasnamuvada	Existing
390	Himmatnagar	66KV Virpur	66	23.179148	73.4897	Mahisagar	Virpur	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing
391	Jambuva	66KV Sadhakpur	66	23.080374	73.250999	Mahisagar	Lunawada	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing
392	Nadiad	66KV Pandva	66	23.069551	73.396439	Mahisagar	Balasinor	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
393	Jambuva	66KV Limbadiya	66	23.230637	73.570068	Mahisagar	Khanpur	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing
394	Himmatnagar	66KV Salaiya	66	23.21925	73.449959	Mahisagar	Virpur	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing
395	Himmatnagar	66KV Debhari	66	23.238165	73.503357	Mahisagar	Virpur	25	Savdasnamuvad a-4	25	220kV Savdasnamuvada	Existing
396	Himmatnagar	66KV Helodar	66	23.299259	73.50647	Aravalli	Malpur	50	Savdasnamuvad a-5	50	220kV Savdasnamuvada	Existing
397	Jambuva	66KV Mora	66	21.177324	72.65406	Panchmahal	Morva Hadaf	30	Savdasnamuvad a-6	30	220kV Savdasnamuvada	Existing
398	Jambuva	66KV Malvan	66	23.226866	73.815895	Mahisagar	Kadana	30	Savdasnamuvad a-6	30	220kV Savdasnamuvada	Existing
399	Jambuva	66KV Madar	66	22.394075	73.483055	Panchmahal	Halol	30	Vyankatpura-3	30	220kV Vyankatpura	Existing
400	Jambuva	66KV Rustapura	66	22.286783	73.535393	Vadodara	Waghodia	30	Vyankatpura-4	30	220kV Vyankatpura	Existing
401	Surendranagar	220KV Bagodara	66	22.656132	72.213043	Ahmedabad	Bavla	70	Bagodara-1	70	220kV Bagodara	Existing
402	Surendranagar	66KV Panshina	66	22.544844	71.962273	Surendranagar	Limbdi	50	Bagodara-2	50	220kV Bagodara	Planned
403	Nadiad	220KV Salejada	66	22.750601	72.439682	Ahmedabad	Dholka	70	Salejada-1	70	220kV Salejada	Existing
404	Nadiad	66KV Ramnagar	66	22.803238	72.33857	Ahmedabad	Bavla	30	Salejada-2	30	220kV Salejada	Existing
405	Nadiad	66KV Bavala	66	22.830442	72.371017	Ahmedabad	Bavla	30	Salejada-3	30	220kV Salejada	Existing
406	Nadiad	66KV Nani Devti	66	22.924793	72.37262	Ahmedabad	Sanand	30	Salejada-3	30	220kV Salejada	Existing
407	Nadiad	66KV Rajoda	66	22.854528	72.378052	Ahmedabad	Bavla	30	Salejada-3	30	220kV Salejada	Existing
408	Surendranagar	66KV Bol(II)	66	23.020447	72.283318	Ahmedabad	Sanand	30	Salejada-3	30	220kV Salejada	Existing
409	Surendranagar	66KV Bol	66	22.998068	72.26722	Ahmedabad	Sanand	30	Salejada-3	30	220kV Salejada	Existing
410	Nadiad	66KV Kalyangadh	66	22.965834	72.267776	Ahmedabad	Bavla	30	Salejada-3	30	220kV Salejada	Existing
411	Nadiad	66KV Koth	66	22.638937	72.309792	Ahmedabad	Dholka	30	Salejada-5	30	220kV Salejada	Existing
412	Nadiad	66KV Rajpur	66	22.555788	72.392822	Ahmedabad	Dholka	30	Salejada-5	30	220kV Salejada	Existing
413	Nadiad	66KV Walthera	66			Ahmedabad	Dholka	30	Salejada-5	30	220kV Salejada	Existing
414	Nadiad	66KV Ingoli Road	66	22.710016	72.441704	Ahmedabad	Dholka	30	Salejada-5	30	220kV Salejada	Existing
415	Nadiad	66KV Dholka GIDC	66	22.720406	72.467979	Ahmedabad	Dholka	30	Salejada-6	30	220kV Salejada	Existing
416	Nadiad	66KV Pisawada	66	22.640013	72.480614	Ahmedabad	Dholka	30	Salejada-6	30	220kV Salejada	Existing
417	Nadiad	66 KV Shetra	66			Ahmedabad	Dholka	30	Salejada-6	30	220kV Salejada	Existing
418	Nadiad	66KV Chandisar	66	22.794672	72.479065	Ahmedabad	Dholka	30	Salejada-7	30	220kV Salejada	Existing
419	Surendranagar	66KV Viramgam	66	23.109449	72.059235	Ahmedabad	Viramgam	50	Viramgam-1	50	220kV Viramgam	Existing
420	Surendranagar	66KV Jakhwada	66	23.082182	72.155922	Ahmedabad	Viramgam	20	Viramgam-2	20	220kV Viramgam	Existing
421	Surendranagar	66KV Chharodi	66	23.039522	72.263237	Ahmedabad	Sanand	30	Viramgam-3	30	220kV Viramgam	Existing
422	Nadiad	132KV Chiloda	66	23.229803	72.726692	Gandhinagar	Gandhinagar	70	Chiloda-1	70	132kV Chiloda	Existing
423	Himmatnagar	66KV Unava	66	23.339663	72.673653	Gandhinagar	Gandhinagar	30	Chiloda-2	30	132kV Chiloda	Existing
424	Nadiad	66KV Sadara	66	23.336889	72.73024	Gandhinagar	Gandhinagar	30	Chiloda-2	30	132kV Chiloda	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
425	Himmatnagar	66KV Pethapur (Fatehpura)	66	23.285662	72.691223	Gandhinagar	Gandhinagar	30	Chiloda-2	30	132kV Chiloda	Existing
426	Nadiad	66KV Shahpur	66	23.166901	72.678833	Gandhinagar	Gandhinagar	15	Chiloda-3	15	132kV Chiloda	Existing
427	Palanpur	66KV Lorwada	66	24.228046	72.089226	Banaskantha	Deesa	40	Deesa-2	40	132kV Deesa	Existing
428	Palanpur	66KV Balodhar	66	24.236456	71.992798	Banaskantha	Deesa	30	Deesa-2	40	132kV Deesa	Existing
429	Palanpur	66KV Juna Deesa	66	24.204159	72.141174	Banaskantha	Deesa	30	Deesa-3	30	132kV Deesa	Existing
430	Palanpur	66KV Ranpur	66	24.307718	72.251617	Banaskantha	Deesa	30	Deesa-4	30	132kV Deesa	Existing
431	Palanpur	66KV Kant	66	24.260141	72.243347	Banaskantha	Deesa	30	Deesa-4	30	132kV Deesa	Existing
432	Mehsana	132KV Patan	132	23.842569	72.131721	Patan	Patan	100	Patan-132kV	100	132kV Patan	Existing
433	Mehsana	132KV Patan	66	23.842569	72.131721	Patan	Patan	70	Patan-1	70	132kV Patan	Existing
434	Mehsana	66KV Kamliwada	66	23.864958	72.230133	Patan	Patan	30	Patan-2	30	132kV Patan	Existing
435	Mehsana	66KV Samalpati	66	23.888639	72.12986	Patan	Saraswati	30	Patan-3	30	132kV Patan	Existing
436	Mehsana	66KV Kansa	66	23.926514	72.072044	Patan	Saraswati	15	Patan-4	15	132kV Patan	Existing
437	Mehsana	66KV Anganwada	66	23.965824	71.928986	Banaskantha	Kankrej	15	Patan-4	15	132kV Patan	Existing
438	Mehsana	132KV Sidhpur	132	23.912363	72.358986	Patan	Sidhpur	100	Siddhpur-132kV	100	132kV Siddhpur	Existing
439	Palanpur	66KV Basu	66	24.058821	72.312637	Banaskantha	Palanpur	30	Siddhpur-2	30	132kV Siddhpur	Existing
440	Mehsana	66KV Kakoshi	66	23.993448	72.312523	Patan	Sidhpur	30	Siddhpur-2	30	132kV Siddhpur	Existing
441	Mehsana	66KV Chhapi	66	24.029028	72.390068	Banaskantha	Vadgam	30	Siddhpur-3	30	132kV Siddhpur	Existing
442	Mehsana	66KV Kahoda	66	23.893396	72.430817	Mehsana	Unjha	30	Siddhpur-4	30	132kV Siddhpur	Existing
443	Mehsana	66KV Khali	66	23.893713	72.360527	Patan	Sidhpur	30	Siddhpur-5	30	132kV Siddhpur	Existing
444	Mehsana	66KV Tundav	66	22.481695	73.209633	Mehsana	Unjha	30	Siddhpur-5	30	132kV Siddhpur	Existing
445	Mehsana	66KV Mudana	66	23.942846	72.410484	Patan	Sidhpur	15	Siddhpur-6	15	132kV Siddhpur	Existing
446	Mehsana	66KV Sujanpur	66	23.57221	72.221893	Patan	Sidhpur	15	Siddhpur-6	15	132kV Siddhpur	Existing
447	Himmatnagar	66KV Dalani Muvadi	66	23.349308	72.880119	Sabarkantha	Talod	40	Talod-2	40	132kV Talod	Existing
448	Himmatnagar	66KV Tajpur	66	23.383671	72.809464	Sabarkantha	Prantij	40	Talod-2	40	132kV Talod	Existing
449	Himmatnagar	66KV Ujediya	66	23.323549	72.953636	Sabarkantha	Talod	15	Talod-3	15	132kV Talod	Existing
450	Himmatnagar	66KV Harsol	66	23.373085	73.010414	Sabarkantha	Talod	30	Talod-4	30	132kV Talod	Existing
451	Himmatnagar	220/66KV Agiyol	132	23.579605	73.022888	Sabarkantha	Himatnagar	200	Agiyol-132kV	100	220kV Agiyol	Existing
452	Himmatnagar	66KV Dedhrota	66	23.612871	72.857323	Sabarkantha	Himatnagar	25	Agiyol-2	25	220kV Agiyol	Existing
453	Himmatnagar	66KV Munpur	66	23.676168	72.877075	Sabarkantha	Himatnagar	25	Agiyol-2	25	220kV Agiyol	Existing
454	Himmatnagar	66KV Hansalpur	66	23.641111	72.952782	Sabarkantha	Himatnagar	25	Agiyol-2	25	220kV Agiyol	Existing
455	Himmatnagar	66KV Sonasan	66	23.48723	72.946022	Sabarkantha	Prantij	25	Agiyol-4	25	220kV Agiyol	Existing
456	Himmatnagar	66KV Harsol	66	23.537838	72.94529	Sabarkantha	Himatnagar	30	Agiyol-5	30	220kV Agiyol	Existing
457	Himmatnagar	66KV Dalpur	66	23.515129	72.916084	Sabarkantha	Himatnagar	30	Agiyol-5	30	220kV Agiyol	Existing
458	Himmatnagar	66KV Parbada	66	23.607443	72.912399	Sabarkantha	Himatnagar	25	Agiyol-6	25	220kV Agiyol	Existing
459	Himmatnagar	66KV Gadhoda	66	23.540232	72.96756	Sabarkantha	Himatnagar	25	Agiyol-6	25	220kV Agiyol	Existing
460	Himmatnagar	66KV Nikoda	66	23.520521	73.048935	Sabarkantha	Himatnagar	25	Agiyol-7	25	220kV Agiyol	Existing
461	Himmatnagar	66KV Gambhoi	66	23.601477	73.093987	Sabarkantha	Himatnagar	25	Agiyol-8	25	220kV Agiyol	Existing
462	Himmatnagar	66KV Rupal	66	23.552479	73.116051	Sabarkantha	Himatnagar	25	Agiyol-8	25	220kV Agiyol	Existing
463	Himmatnagar	66KV Himatnagar(2)	66	23.580997	73.024246	Sabarkantha	Himatnagar	25	Agiyol-8	25	220kV Agiyol	Existing
464	Mehsana	66KV Maniyari	66	23.592482	72.067085	Patan	Chanasma	15	Bechraji-2	15	220kV Bechrahi	Existing
465	Himmatnagar	66KV Pansar	66	23.316151	72.483551	Gandhinagar	Kalol	40	Chhatral-2	60	220kV Chhatral	Existing
466	Mehsana	66KV GIDC Chhatral	66	23.29019	72.449669	Gandhinagar	Kalol	60	Chhatral-2	60	220kV Chhatral	Existing
467	Mehsana	66KV Dhanot	66	23.281839	72.421333	Gandhinagar	Kalol	30	Chhatral-5	40	220kV Chhatral	Existing
468	Mehsana	66KV Karannagar	66	23.286201	72.387749	Mehsana	Kadi	30	Chhatral-5	40	220kV Chhatral	Existing
469	Surendranagar	66KV Khavad	66	23.201185	72.246925	Mehsana	Kadi	30	Chhatral-6	40	220kV Chhatral	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
470	Mehsana	66KV Sadra	66	23.309568	72.251633	Mehsana	Kadi	30	Chhatral-6	40	220kV Chhatral	Existing
471	Mehsana	66KV Rangpurda	66	23.251871	72.348236	Mehsana	Kadi	30	Chhatral-6	40	220kV Chhatral	Existing
472	Mehsana	66KV Indrad	66	23.314642	72.426056	Mehsana	Kadi	30	Chhatral-7	40	220kV Chhatral	Existing
473	Himmatnagar	66KV Rangpur	66	23.732416	73.412682	Aravalli	Bhiloda	15	Bhutiya-2	15	220kV Bhutiya	Existing
474	Himmatnagar	66KV Bhetali	66	23.737028	73.298096	Aravalli	Bhiloda	15	Bhutiya-2	15	220kV Bhutiya	Existing
475	Himmatnagar	66KV Vakaner	66	23.735104	73.271294	Aravalli	Bhiloda	15	Bhutiya-2	15	220kV Bhutiya	Existing
476	Himmatnagar	66KV Kheradi	66	23.677425	73.290207	Aravalli	Bhiloda	15	Bhutiya-2	15	220kV Bhutiya	Existing
477	Himmatnagar	220/66KV Bhutiya	220	23.858091	73.071053	Sabarkantha	Idar	400	Bhutiya-220kV	400	220kV Bhutiya	Existing
478	Himmatnagar	220/66KV Bhutiya	66	23.858091	73.071053	Sabarkantha	Idar	70	Bhutiya-1	70	220kV Bhutiya	Existing
479	Himmatnagar	66KV Bhiloda	66	23.767967	73.240395	Aravalli	Bhiloda	30	Bhutiya-3	30	220kV Bhutiya	Existing
480	Himmatnagar	66KV Ubsal	66	23.813948	73.25415	Aravalli	Bhiloda	30	Bhutiya-3	30	220kV Bhutiya	Existing
481	Himmatnagar	66KV Torda	66	23.807074	73.330086	Aravalli	Bhiloda	30	Bhutiya-3	30	220kV Bhutiya	Existing
482	Himmatnagar	66KV Bhiloda	66	23.767967	73.240395	Aravalli	Bhiloda	30	Bhutiya-3	30	220kV Bhutiya	Existing
483	Himmatnagar	66KV Pal	66	23.933475	73.368797	Sabarkantha	Vijaynagar	30	Bhutiya-3	30	220kV Bhutiya	Existing
484	Himmatnagar	66KV Dantod	66	23.905554	73.336922	Sabarkantha	Vijaynagar	30	Bhutiya-3	30	220kV Bhutiya	Existing
485	Himmatnagar	66KV Posina	66	24.21377	73.014267	Sabarkantha	Poshina	25	Bhutiya-4	25	220kV Bhutiya	Existing
486	Himmatnagar	66KV Golwada	66	24.282478	73.053917	Sabarkantha	Khedbrahma	25	Bhutiya-4	25	220kV Bhutiya	Existing
487	Himmatnagar	66KV Makad Champa	66	24.14109	72.594254	Banaskantha	Danta	25	Bhutiya-4	25	220kV Bhutiya	Existing
488	Himmatnagar	66KV Hingatiya	66	24.153568	73.006523	Sabarkantha	Khedbrahma	25	Bhutiya-4	25	220kV Bhutiya	Existing
489	Himmatnagar	66KV Gundel	66	24.084044	72.983688	Sabarkantha	Khedbrahma	25	Bhutiya-4	25	220kV Bhutiya	Existing
490	Himmatnagar	66KV Khedbrahma	66	24.023939	73.031799	Sabarkantha	Khedbrahma	25	Bhutiya-4	25	220kV Bhutiya	Existing
491	Himmatnagar	66KV Tandaliya	66	23.59565	73.081177	Sabarkantha	Khedbrahma	15	Bhutiya-5	15	220kV Bhutiya	Existing
492	Himmatnagar	66KV Kundla	66	23.5903	73.115936	Sabarkantha	Vijaynagar	30	Bhutiya-6	30	220kV Bhutiya	Existing
493	Himmatnagar	66KV Chorivad	66	23.894564	73.120651	Sabarkantha	Vadali	30	Bhutiya-6	30	220kV Bhutiya	Existing
494	Himmatnagar	66KV Chitroda	66	23.749956	73.080704	Sabarkantha	Idar	30	Bhutiya-7	30	220kV Bhutiya	Existing
495	Himmatnagar	66KV Badoli	66	23.823549	73.083687	Sabarkantha	Idar	30	Bhutiya-7	30	220kV Bhutiya	Existing
496	Himmatnagar	132KV Idar	66	23.494749	73.00103	Sabarkantha	Idar	70	Idar-1	70	132kV Idar	Existing
497	Himmatnagar	66KV Lai Ranasan	66	23.51219	72.545303	Sabarkantha	Idar	20	Idar-2	20	132kV Idar	Existing
498	Himmatnagar	220KV Dhansura	220	23.346064	73.193764	Aravalli	Dhansura	400	Dhansura-220kV	400	220kV Dhansura	Existing
499	Himmatnagar	220KV Dhansura	66	23.346064	73.193764	Aravalli	Dhansura	70	Dhansura-1	70	220kV Dhansura	Existing
500	Himmatnagar	66KV Ambaliyara	66	23.21117	73.045601	Aravalli	Bayad	15	Dhansura-2	15	220kV Dhansura	Existing
501	Nadiad	66KV Vyas Vasna	66	23.10705	73.11805	Kheda	Kapadvanj	15	Dhansura-2	15	220kV Dhansura	Existing
502	Nadiad	66KV Shihora	66	23.153793	73.070259	Kheda	Kapadvanj	15	Dhansura-2	15	220kV Dhansura	Existing
503	Himmatnagar	66KV Akrund	66	23.281593	73.148445	Aravalli	Dhansura	15	Dhansura-2	15	220kV Dhansura	Existing
504	Nadiad	66KV Demai	66	23.165943	73.218262	Aravalli	Bayad	25	Dhansura-3	25	220kV Dhansura	Existing
505	Nadiad	66KV Thavad	66	23.109306	73.173187	Kheda	Kapadvanj	25	Dhansura-3	25	220kV Dhansura	Existing
506	Himmatnagar	66KV Vadagam	66	23.32822	73.145401	Aravalli	Dhansura	30	Dhansura-4	30	220kV Dhansura	Existing
507	Himmatnagar	66KV Rozad	66	23.329903	73.072464	Sabarkantha	Talod	30	Dhansura-5	30	220kV Dhansura	Existing
508	Himmatnagar	66KV Punsari	66	23.398287	73.118584	Sabarkantha	Talod	20	Dhansura-6	20	220kV Dhansura	Existing
509	Himmatnagar	400KV Soja	220	23.365271	72.598404	Gandhinagar	Kalol	500	Soja-220kV	500	400kV Soja	Existing
510	Himmatnagar	220KV Jamla	220	23.394232	72.590668	Gandhinagar	Kalol	400	Jamla-220kV	400	220kV Jamla	Existing
511	Himmatnagar	66KV Vavol	66	23.285662	72.691223	Gandhinagar	Gandhinagar	30	Jamla-2	30	220kV Jamla	Existing
512	Himmatnagar	66KV Karjisan	66	23.579611	72.369324	Mehsana	Kadi	25	Jamla-3	25	220kV Jamla	Existing
513	Himmatnagar	66KV Itala	66	23.3764	72.632683	Gandhinagar	Kalol	30	Jamla-4	30	220kV Jamla	Existing
514	Himmatnagar	66KV Gozariya	66	22.088531	74.091698	Mehsana	Mehsana	30	Jamla-5	30	220kV Jamla	Existing
515	Himmatnagar	66KV Boru	66	23.428932	72.566536	Gandhinagar	Mansa	30	Jamla-5	30	220kV Jamla	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
516	Himmatnagar	220KV Faredi	220	23.426529	73.420074	Aravalli	Modasa	400	Faredi-220kV	400	220kV Faredi	Existing
517	Himmatnagar	220KV Faredi	66	23.426529	73.420074	Aravalli	Modasa	70	Faredi-1	70	220kV Faredi	Existing
518	Himmatnagar	66KV Modasa	66	23.478674	73.292122	Aravalli	Modasa	25	Faredi-2	25	220kV Faredi	Existing
519	Himmatnagar	66KV Raigadh(Agiyol)	66	23.585217	73.192032	Sabarkantha	Himmatnagar	25	Faredi-2	25	220kV Faredi	Existing
520	Himmatnagar	66KV Limbhoi	66	24.1359	72.889801	Aravalli	Modasa	25	Faredi-2	25	220kV Faredi	Existing
521	Himmatnagar	66KV Medhasan	66	23.542837	73.216881	Aravalli	Modasa	25	Faredi-2	25	220kV Faredi	Existing
522	Himmatnagar	66KV Malpur	66	23.36898	73.461189	Aravalli	Malpur	20	Faredi-3	20	220kV Faredi	Existing
523	Himmatnagar	66KV Limbhadra	66	23.37151	73.54174	Aravalli	Malpur	20	Faredi-3	20	220kV Faredi	Existing
524	Himmatnagar	66KV Ramgadhi	66	23.444614	73.545242	Aravalli	Meghraj	20	Faredi-3	20	220kV Faredi	Existing
525	Himmatnagar	66KV Kherai	66	23.498962	73.604912	Aravalli	Meghraj	20	Faredi-3	20	220kV Faredi	Existing
526	Himmatnagar	66KV Chandtekri	66	23.25543	73.170601	Aravalli	Modasa	20	Faredi-3	20	220kV Faredi	Existing
527	Himmatnagar	66KV Dugharvada	66	23.43808	73.31002	Aravalli	Modasa	20	Faredi-3	20	220kV Faredi	Existing
528	Himmatnagar	66KV Megharaj	66	23.292931	73.295799	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
529	Himmatnagar	66KV Bhatkota	66	23.55345	73.45826	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
530	Himmatnagar	66KV Shangal	66	23.186268	73.181358	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
531	Himmatnagar	66KV Panchal	66	23.5898	73.529999	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
532	Himmatnagar	66KV Kasana	66	23.582285	73.56369	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
533	Himmatnagar	66KV Wagpur	66	23.600595	73.603119	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
534	Himmatnagar	66KV Ramgadhi	66	23.444614	73.545242	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
535	Himmatnagar	66KV Navagam	66	22.812849	72.578743	Aravalli	Meghraj	20	Faredi-4	20	220kV Faredi	Existing
536	Himmatnagar	66KV Lusadiya	66	23.689571	73.451653	Aravalli	Bhiloda	20	Faredi-4	20	220kV Faredi	Existing
537	Nadiad	66KV Halisha	66	23.254877	72.8013	Gandhinagar	Dehgam	30	Khanpur-2	30	220kV Khanpur	Existing
538	Nadiad	66KV Chhala	66	23.309782	72.782219	Gandhinagar	Gandhinagar	30	Khanpur-2	30	220kV Khanpur	Existing
539	Nadiad	66KV Apruji	66	23.050011	72.912201	Kheda	Kathlal	30	Khanpur-4	30	220kV Khanpur	Existing
540	Nadiad	66KV Kadjodara	66	23.165653	72.95211	Gandhinagar	Dehgam	30	Khanpur-5	30	220kV Khanpur	Existing
541	Nadiad	66KV Bhadasan	66	23.159693	72.641403	Gandhinagar	Gandhinagar	30	Khanpur-6	30	220kV Khanpur	Existing
542	Palanpur	220KV Jangral	66	24.039253	72.158638	Patan	Saraswati	70	Jangral-1	70	220kV Jangral	Existing
543	Palanpur	66KV Sadarpur	66	24.15449	72.07151	Banaskantha	Deesa	25	Jangral-2	50	220kV Jangral	Existing
544	Palanpur	66KV Samau	66	24.094296	72.100243	Banaskantha	Deesa	25	Jangral-2	50	220kV Jangral	Existing
545	Palanpur	66KV Rasana	66	24.218302	72.245552	Banaskantha	Deesa	30	Jangral-3	30	220kV Jangral	Existing
546	Palanpur	66KV Aseda	66	24.166506	72.179802	Banaskantha	Deesa	30	Jangral-3	30	220kV Jangral	Existing
547	Palanpur	66KV Samdhi	66	24.169386	72.231415	Banaskantha	Palanpur	30	Jangral-3	30	220kV Jangral	Existing
548	Mehsana	66KV Mesar	66	24.024279	72.215523	Patan	Saraswati	15	Jangral-5	15	220kV Jangral	Existing
549	Palanpur	66KV Dharusan	66	24.019133	72.07756	Patan	Saraswati	30	Jangral-6	30	220kV Jangral	Existing
550	Mehsana	66KV Kimbuva	66	23.932846	72.171089	Patan	Saraswati	15	Jangral-8	15	220kV Jangral	Existing
551	Mehsana	66KV Kalyana	66	23.575661	72.14225	Patan	Sidhpur	30	Jangral-9	30	220kV Jangral	Existing
552	Mehsana	220KV Mehsana	132	23.614449	72.401459	Mehsana	Mehsana	100	Mehsana-132kV	100	220kV Mehsana	Existing
553	Mehsana	66KV Dhinoj	66	23.662466	72.282806	Patan	Chanasma	25	Mehsana-2	25	220kV Mehsana	Existing
554	Mehsana	66KV Motap	66	23.614019	72.273468	Mehsana	Becharaji	25	Mehsana-2	25	220kV Mehsana	Existing
555	Mehsana	66KV Palavasana	66	23.564144	72.358482	Mehsana	Mehsana	30	Mehsana-3	30	220kV Mehsana	Existing
556	Mehsana	66KV Nagalpur	66	23.574308	72.355186	Mehsana	Mehsana	30	Mehsana-3	30	220kV Mehsana	Existing
557	Mehsana	66KV Udalpur	66	23.563786	72.47995	Mehsana	Visnagar	20	Mehsana-4	20	220kV Mehsana	Existing
558	Mehsana	66KV Bhandu	66	23.697577	72.38546	Mehsana	Visnagar	30	Mehsana-5	30	220kV Mehsana	Existing
559	Himmatnagar	66KV Valam	66	23.71541	72.469482	Mehsana	Visnagar	30	Mehsana-5	30	220kV Mehsana	Existing
560	Himmatnagar	132KV Visanagar	132	23.6999	72.538803	Mehsana	Visnagar	100	Visnagar-132kV	100	132kV Visnagar	Existing
561	Himmatnagar	66KV Bhalak	66	23.698017	72.633987	Mehsana	Visnagar	30	Visnagar-2	30	132kV Visnagar	Existing
562	Himmatnagar	66KV Gothava	66	23.645809	72.61216	Mehsana	Visnagar	30	Visnagar-3	30	132kV Visnagar	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
563	Himmatnagar	66KV Kamana	66	23.636356	72.516693	Mehsana	Visnagar	30	Visnagar-4	30	132kV Visnagar	Existing
564	Himmatnagar	220/66KV Kheralu	66			Mehsana	Visnagar	70	Kheralu-1	70	220kV Kheralu	Existing
565	Mehsana	66KV Sakri	66	23.937265	72.612038	Mehsana	Kheralu	25	Kheralu-2	25	220kV Kheralu	Existing
566	Palanpur	66KV Morya	66	24.115862	72.669632	Banaskantha	Vadgam	25	Kheralu-2	25	220kV Kheralu	Existing
567	Palanpur	66KV Sukhapura	66	24.089712	72.599632	Banaskantha	Vadgam	25	Kheralu-2	25	220kV Kheralu	Existing
568	Palanpur	66KV Panchada	66	24.040707	72.579918	Banaskantha	Vadgam	25	Kheralu-2	25	220kV Kheralu	Existing
569	Mehsana	66KV Kodaram	66	23.96143	72.570374	Banaskantha	Vadgam	25	Kheralu-2	25	220kV Kheralu	Existing
570	Mehsana	66KV Gorad	66	24.143061	72.857315	Banaskantha	Danta	25	Kheralu-3	25	220kV Kheralu	Existing
571	Mehsana	66KV Solsanda	66	24.08939	72.898865	Banaskantha	Danta	25	Kheralu-3	25	220kV Kheralu	Existing
572	Mehsana	66KV Dharoi	66	24.000244	72.83194	Mehsana	Satlasana	25	Kheralu-3	25	220kV Kheralu	Existing
573	Mehsana	66KV Kheralu	66	23.880445	72.607681	Mehsana	Kheralu	30	Kheralu-4	30	220kV Kheralu	Existing
574	Mehsana	66KV Mandali	66	23.910961	72.522987	Mehsana	Kheralu	25	Kheralu-5	25	220kV Kheralu	Existing
575	Mehsana	66KV Dasaj	66	23.836023	72.445984	Mehsana	Unjha	25	Kheralu-5	25	220kV Kheralu	Existing
576	Mehsana	66KV Varetha	66	23.960978	72.668472	Mehsana	Kheralu	15	Kheralu-6	15	220kV Kheralu	Existing
577	Palanpur	66KV Motasada	66	24.149559	72.686623	Banaskantha	Danta	15	Kheralu-6	15	220kV Kheralu	Existing
578	Mehsana	66KV Otalpur	66	23.93029	72.750443	Mehsana	Satlasana	15	Kheralu-6	15	220kV Kheralu	Existing
579	Mehsana	66KV Unjha	66	23.803146	72.375778	Mehsana	Unjha	25	Kheralu-7	25	220kV Kheralu	Existing
580	Mehsana	66KV Karali	66	23.798124	72.480759	Mehsana	Unjha	25	Kheralu-7	25	220kV Kheralu	Existing
581	Mehsana	66KV Umata	66	23.764498	72.556038	Mehsana	Visnagar	25	Kheralu-7	25	220kV Kheralu	Existing
582	Himmatnagar	66KV Thalota	66	23.714415	72.53521	Mehsana	Visnagar	25	Kheralu-7	25	220kV Kheralu	Existing
583	Mehsana	66KV Vadanagar	66	23.779785	72.629089	Mehsana	Kheralu	15	Kheralu-8	15	220kV Kheralu	Existing
584	Mehsana	66KV Undhai	66	23.809105	72.738548	Mehsana	Vadnagar	15	Kheralu-8	15	220kV Kheralu	Existing
585	Himmatnagar	66KV Jantral	66	23.701918	72.71199	Mehsana	Vijapur	15	Kheralu-8	15	220kV Kheralu	Existing
586	Himmatnagar	66KV Sundarpur	66	23.679632	72.774368	Mehsana	Vijapur	15	Kheralu-8	15	220kV Kheralu	Existing
587	Himmatnagar	66KV Ladol	66	23.631392	72.738976	Mehsana	Vijapur	15	Kheralu-8	15	220kV Kheralu	Existing
588	Mehsana	220KV Mitha	220	23.536608	72.297501	Mehsana	Mehsana	200	Mitha-220kV	200	220kV Mitha	Existing
589	Mehsana	220KV Mitha	66	23.536608	72.297501	Mehsana	Mehsana	70	Mitha-1	70	220kV Mitha	Existing
590	Mehsana	66KV Asjol	66	23.558903	72.361343	Mehsana	Becharaji	20	Mitha-2	20	220kV Mitha	Existing
591	Mehsana	66KV Balol	66	23.516966	72.246811	Mehsana	Mehsana	25	Mitha-3	25	220kV Mitha	Existing
592	Mehsana	66KV Suraj	66	23.395571	72.309677	Mehsana	Kadi	15	Mitha-5	15	220kV Mitha	Existing
593	Mehsana	66KV Jotana	66	23.475779	72.289062	Mehsana	Jotana	15	Mitha-5	15	220kV Mitha	Existing
594	Mehsana	66KV Katosan	66	23.402266	72.245506	Ahmedabad	Detroj-Rampura	15	Mitha-5	15	220kV Mitha	Existing
595	Mehsana	66KV Mandali	66	23.910961	72.522987	Mehsana	Mehsana	30	Mitha-6	30	220kV Mitha	Existing
596	Himmatnagar	66KV Aakhaj	66	23.491957	72.455536	Mehsana	Mehsana	30	Mitha-6	30	220kV Mitha	Existing
597	Palanpur	220KV Palanpur	220	24.184139	72.452789	Banaskantha	Palanpur	400	Palanpur-220kV	400	220kV Palanpur	Existing
598	Palanpur	66KV Amirgadh	66	24.410303	72.659805	Banaskantha	Amirgadh	30	Palanpur-2	30	220kV Palanpur	Existing
599	Palanpur	66KV Juni Sarotri	66	24.362392	72.537903	Banaskantha	Amirgadh	30	Palanpur-2	30	220kV Palanpur	Existing
600	Palanpur	66KV Hebatpur	66	24.248894	72.466476	Banaskantha	Palanpur	30	Palanpur-2	30	220kV Palanpur	Existing
601	Palanpur	66KV Bhayala	66	24.299185	72.710167	Banaskantha	Amirgadh	30	Palanpur-3	30	220kV Palanpur	Existing
602	Palanpur	66KV Virampur	66	24.270718	72.657005	Banaskantha	Amirgadh	30	Palanpur-3	30	220kV Palanpur	Existing
603	Palanpur	66KV Asmapura	66	24.140053	72.536911	B.K	Palanpur	30	Palanpur-3	30	220kV Palanpur	Existing
604	Palanpur	66KV Vasan	66	24.173899	72.527222	Banaskantha	Palanpur	30	Palanpur-3	30	220kV Palanpur	Existing
605	Palanpur	66KV Palanpur(2)	66	24.18504	72.454193	Banaskantha	Palanpur	30	Palanpur-3	30	220kV Palanpur	Existing
606	Palanpur	66KV Jalotra	66	24.142353	72.587975	Banaskantha	Vadgam	30	Palanpur-4	30	220kV Palanpur	Existing
607	Mehsana	66KV Gidasan	66	23.997824	72.488121	Banaskantha	Vadgam	25	Palanpur-5	25	220kV Palanpur	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
608	Palanpur	66KV Vadgam	66	24.086794	72.490662	Banaskantha	Vadgam	25	Palanpur-5	25	220kV Palanpur	Existing
609	Palanpur	66KV Rupal	66	24.033825	72.506416	Banaskantha	Vadgam	25	Palanpur-5	25	220kV Palanpur	Existing
610	Mehsana	66KV Pilucha	66	23.970015	72.517845	Banaskantha	Vadgam	25	Palanpur-5	25	220kV Palanpur	Existing
611	Palanpur	66KV Kanodar	66	24.098347	72.392075	Banaskantha	Palanpur	25	Palanpur-6	25	220kV Palanpur	Existing
612	Palanpur	66KV Gadalwada	66	24.126339	72.342995	Banaskantha	Palanpur	25	Palanpur-6	25	220kV Palanpur	Existing
613	Palanpur	66KV Bhakhar	66	24.273493	72.28244	Banaskantha	Dantiwada	30	Palanpur-7	30	220kV Palanpur	Existing
614	Palanpur	66KV Khodla	66	22.43259	74.571114	Banaskantha	Palanpur	30	Palanpur-7	30	220kV Palanpur	Existing
615	Palanpur	66KV Chandisar	66	24.222225	72.305298	Banaskantha	Palanpur	30	Palanpur-7	30	220kV Palanpur	Existing
616	Palanpur	66KV Rajpur	66	24.252361	72.406387	Banaskantha	Palanpur	25	Palanpur-8	25	220kV Palanpur	Existing
617	Palanpur	66KV Bhutedi	66	24.268927	72.386749	Banaskantha	Palanpur	25	Palanpur-8	25	220kV Palanpur	Existing
618	Palanpur	400KV Veloda	400	23.580185	72.022026	Patan	Patan	500	Veloda-400kV	500	400kV Veloda	Existing
619	Palanpur	400KV Veloda	220	23.580185	72.022026	Patan	Patan	400	Veloda-220kV	400	400kV Veloda	Existing
620	Palanpur	66KV Raner	66	24.050352	72.054802	Banaskantha	Kankrej	30	Veloda-1	30	400kV Veloda	Existing
621	Mehsana	220KV Sankhari	220	23.785381	72.157097	Patan	Patan	200	Sankhari-220kV	200	220kV Sankhari	Existing
622	Mehsana	220KV Sankhari	66	23.785381	72.157097	Patan	Patan	70	Sankhari-1	70	220kV Sankhari	Existing
623	Mehsana	66KV Chanasma	66	23.72176	72.106621	Patan	Chanasma	50	Sankhari-2	50	220kV Sankhari	Existing
624	Mehsana	66KV Keshani	66	23.71291	72.179237	Patan	Chanasma	30	Sankhari-2	30	220kV Sankhari	Existing
625	Mehsana	66KV Kamboi	66	23.683886	72.018356	Patan	Chanasma	15	Sankhari-3	15	220kV Sankhari	Existing
626	Mehsana	66KV Balisana	66	23.823084	72.262344	Patan	Patan	15	Sankhari-4	15	220kV Sankhari	Existing
627	Mehsana	66KV Manund	66	23.725222	72.260139	Patan	Patan	15	Sankhari-4	15	220kV Sankhari	Existing
628	Mehsana	66KV Norta	66	23.805897	72.193535	Patan	Patan	15	Sankhari-4	15	220kV Sankhari	Existing
629	Mehsana	66KV Unava	66	23.339663	72.673653	Mehsana	Unjha	15	Sankhari-4	15	220kV Sankhari	Existing
630	Palanpur	220KV Tharad	66	24.377325	71.630272	Banaskantha	Tharad	70	Tharad-1	70	220kV Tharad	Existing
631	Palanpur	66KV Runi	66	24.078255	71.509476	Banaskantha	Bhabhar	15	Tharad-2	15	220kV Tharad	Existing
632	Palanpur	66KV Rampura	66	24.145033	71.934738	Banaskantha	Vav	15	Tharad-2	15	220kV Tharad	Existing
633	Palanpur	66KV Tiithgam	66	24.255848	71.521896	Banaskantha	Vav	15	Tharad-2	15	220kV Tharad	Existing
634	Palanpur	66KV Balodhan	66	24.151833	71.617172	Banaskantha	Bhabhar	15	Tharad-2	15	220kV Tharad	Existing
635	Palanpur	66KV Bhabhar	66	24.060516	71.593185	Banaskantha	Bhabhar	15	Tharad-2	15	220kV Tharad	Existing
636	Palanpur	66KV Kotarwada	66	24.225107	71.665382	Banaskantha	Deodar	15	Tharad-3	15	220kV Tharad	Existing
637	Palanpur	66KV Makhanu	66	24.265059	71.718399	Banaskantha	Deodar	15	Tharad-3	15	220kV Tharad	Existing
638	Palanpur	66KV Chalva	66	24.301701	71.732597	Banaskantha	Deodar	15	Tharad-3	15	220kV Tharad	Existing
639	Palanpur	66KV Jetda	66	24.34416	71.764229	Banaskantha	Tharad	15	Tharad-3	15	220kV Tharad	Existing
640	Palanpur	66KV Del	66	24.316364	71.656166	Banaskantha	Tharad	15	Tharad-3	15	220kV Tharad	Existing
641	Palanpur	66KV Pathamada	66	24.388033	71.738167	Banaskantha	Tharad	25	Tharad-4	25	220kV Tharad	Existing
642	Palanpur	66KV Tadav	66	24.501169	71.423035	Banaskantha	Vav	10	Tharad-5	10	220kV Tharad	Existing
643	Palanpur	66KV Piluda	66	24.549862	71.701027	Banaskantha	Tharad	10	Tharad-6	10	220kV Tharad	Existing
644	Palanpur	66KV Dudhava	66	24.485025	71.676285	Banaskantha	Tharad	10	Tharad-6	10	220kV Tharad	Existing
645	Palanpur	220KV Thavar	66	24.53356	72.011436	Banaskantha	Dhanera	70	Thavar-1	70	220kV Thavar	Existing
646	Palanpur	66KV Nenava	66	24.65407	71.879318	Banaskantha	Dhanera	50	Thavar-2	50	220kV Thavar	Existing
647	Palanpur	66KV Jalmor	66	24.095449	71.867798	Banaskantha	Kankrej	20	Deodar-3	20	220kV Deodar	Existing
648	Palanpur	66KV Padardi	66	24.055731	71.865585	Banaskantha	Kankrej	20	Deodar-3	20	220kV Deodar	Existing
649	Palanpur	66KV Mera	66	24.189177	71.634346	Banaskantha	Bhabhar	25	Deodar-5	25	220kV Deodar	Existing
650	Palanpur	66KV Vadiya	66	24.137857	71.700607	Banaskantha	Deodar	25	Deodar-5	25	220kV Deodar	Existing
651	Palanpur	66KV Mithipaladi	66	24.209015	71.746422	Banaskantha	Deodar	25	Deodar-8	25	220kV Deodar	Existing
652	Palanpur	66KV Duchakwada	66	24.19397	71.802856	Banaskantha	Deodar	25	Deodar-8	25	220kV Deodar	Existing
653	Palanpur	66KV Vatam	66	24.218218	71.84153	Banaskantha	Deodar	25	Deodar-8	25	220kV Deodar	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
654	Palanpur	66KV Kotda (F)	66	24.189512	71.854492	Banaskantha	Deodar	25	Deodar-8	25	220kV Deodar	Existing
655	Palanpur	66KV Raiya	66	24.127293	71.839012	Banaskantha	Deodar	25	Deodar-10	25	220kV Deodar	Existing
656	Palanpur	66KV Arniwada	66	24.121084	72.017647	Banaskantha	Kankrej	25	Deodar-10	25	220kV Deodar	Existing
657	Palanpur	400/220/66KV Zerda	400	24.335178	72.127739	Banaskantha	Deesa	500	Zerda-400kV	500	400kV Zerda (Kansari)	Existing
658	Palanpur	66KV Jegol	66	24.408102	72.347771	Banaskantha	Dantiwada	15	Zerda-2	15	400kV Zerda (Kansari)	Existing
659	Palanpur	66KV Ganguwada	66	24.462919	72.405617	Banaskantha	Dantiwada	15	Zerda-2	15	400kV Zerda (Kansari)	Existing
660	Palanpur	66KV Vithodar	66	24.434002	72.187683	Banaskantha	Deesa	15	Zerda-2	15	400kV Zerda (Kansari)	Existing
661	Palanpur	66KV Pechhdal	66	24.382053	72.046989	Banaskantha	Deesa	15	Zerda-3	15	400kV Zerda (Kansari)	Existing
662	Palanpur	66KV Malgadh	66	24.250381	72.139336	Banaskantha	Deesa	30	Zerda-4	30	400kV Zerda (Kansari)	Existing
663	Palanpur	66KV Dama	66	24.302153	72.079124	Banaskantha	Deesa	30	Zerda-6	30	400kV Zerda (Kansari)	Existing
664	Palanpur	66KV Shamsheerpura	66	24.286404	72.134468	Banaskantha	Deesa	30	Zerda-6	30	400kV Zerda (Kansari)	Existing
665	Palanpur	66KV Ghada	66	24.38703	72.239128	Banaskantha	Deesa	30	Zerda-7	30	400kV Zerda (Kansari)	Existing
666	Palanpur	66KV Bhadlikotha	66	24.367229	72.268677	Banaskantha	Dantiwada	30	Zerda-7	30	400kV Zerda (Kansari)	Existing
667	Palanpur	220KV Radhanpur	66	23.833	71.649498	Patan	Radhanpur	70	Radhanpur-1	70	220kV Radhanpur	Existing
668	Palanpur	66KV Un	66	23.896362	71.760483	Banaskantha	Kankrej	10	Radhanpur-3	10	220kV Radhanpur	Existing
669	Palanpur	66KV Bamroli	66	23.805901	71.346298	Patan	Santalpur	15	Radhanpur-4	15	220kV Radhanpur	Existing
670	Palanpur	66KV Dahsiar	66	23.931396	71.5177	Patan	Santalpur	15	Radhanpur-4	15	220kV Radhanpur	Existing
671	Himmatnagar	66KV Vihar	66	23.54187	72.635681	Gandhinagar	Mansa	30	Vijapur-3	30	220kV Vijapur	Existing
672	Himmatnagar	66KV Kada	66	23.633747	72.563553	Mehsana	Visnagar	30	Vijapur-3	30	220kV Vijapur	Existing
673	Himmatnagar	66KV Mau	66	23.765919	73.193802	Aravalli	Bhiloda	30	Vijapur-3	30	220kV Vijapur	Existing
674	Himmatnagar	66KV Vasai	66	23.536951	72.567612	Sabarkantha	Vijaynagar	30	Vijapur-3	30	220kV Vijapur	Existing
675	Himmatnagar	66KV Pilwai	66	23.535137	72.714149	Mehsana	Vijapur	25	Vijapur-4	25	220kV Vijapur	Existing
676	Himmatnagar	66KV Malosan	66	23.607679	72.700111	Mehsana	Vijapur	20	Vijapur-5	20	220kV Vijapur	Existing
677	Himmatnagar	66KV Sanghpur	66	23.517536	72.788956	Mehsana	Vijapur	25	Vijapur-5	25	220kV Vijapur	Existing
678	Himmatnagar	66KV Derol	66	23.587099	72.850502	Sabarkantha	Himmatnagar	25	Vijapur-5	25	220kV Vijapur	Existing
679	Himmatnagar	66KV Hirapur	66	22.922409	72.704552	Mehsana	Vijapur	25	Vijapur-5	25	220kV Vijapur	Existing
680	Mehsana	66KV Moti Bhojan	66	23.171005	72.458466	Gandhinagar	Kalol	40	Vadavi-2	40	400kV Vadavi	Existing
681	Mehsana	66KV Laxmipura	66	23.320913	72.324684	Mehsana	Kadi	40	Vadavi-4	40	400kV Vadavi	Existing
682	Mehsana	66KV Katosan	66	23.402266	72.245506	Ahmedabad	Detroj-Rampura	40	Vadavi-5	40	400kV Vadavi	Existing
683	Mehsana	66KV Thol	66	23.104244	72.369148	Mehsana	Kadi	40	Vadavi-6	40	400kV Vadavi	Existing
684	Junagadh	66KV Bilkha	66	21.434956	70.592865	Junagadh	Junagadh	30	Junagadh-2	30	132kV Junagadh	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
685	Junagadh	66KV Chhodavadi	66	21.512339	70.656723	Junagadh	Bhesan	25	Junagadh-2	30	132kV Junagadh	Existing
686	Jamnagar	132KV Naghedi	66	22.456543	70.037025	Jamnagar	Jamnagar	50	Naghedi-1	50	132kV Naghedi	Existing
687	Jamnagar	66KV Dhichda	66	22.494034	70.023956	Jamnagar	Jamnagar	30	Naghedi-2	30	132kV Naghedi	Existing
688	Jamnagar	66KV Shapar (Baid)	66	22.4029605	69.9011242	Jamnagar	Jamnagar	30	Naghedi-3	30	132kV Naghedi	Existing
689	Jamnagar	66KV Lakhabaval	66	22.41221	70.000885	Jamnagar	Jamnagar	30	Naghedi-3	30	132kV Naghedi	Existing
690	Jamnagar	66KV Lal Bangalow	66	22.470319	70.054986	Jamnagar	Jamnagar	30	Naghedi-4	30	132kV Naghedi	Existing
691	Jamnagar	66KV Navagam Ghed	66	22.497072	70.067413	Jamnagar	Jamnagar	30	Naghedi-4	30	132kV Naghedi	Existing
692	Jamnagar	66KV Bedeshwar	66	22.482462	70.043968	Jamnagar	Jamnagar	30	Naghedi-4	30	132kV Naghedi	Existing
693	Jamnagar	66KV Chikuwadi	66	22.457029	70.105019	Jamnagar	Jamnagar	30	Naghedi-4	30	132kV Naghedi	Existing
694	Jamnagar	66KV Hapa	66	22.478092	70.104553	Jamnagar	Jamnagar	30	Naghedi-4	30	132kV Naghedi	Existing
695	Jamnagar	66KV Vadinar	66	22.409611	69.724609	Devbhoomi-Dwarka	Khambhalia	30	Sikka-1	30	132kV Sikka	Existing
696	Junagadh	66KV Moraj	66	20.978975	70.429588	Gir-Somnath	Veraval	30	Talala-2	30	132kV Talala	Existing
697	Junagadh	66KV Chandkhatal	66	20.940866	70.411331	Gir-Somnath	veraval	30	Talala-2	30	132kV Talala	Existing
698	Junagadh	66KV Adria	66	20.970573	70.303818	Gir-Somnath	Veraval	30	Talala-2	30	132kV Talala	Existing
699	Junagadh	66KV Ghusia	66	21.015381	70.482445	Gir-Somnath	Talala	30	Talala-2	30	132kV Talala	Existing
700	Gondal	132KV Vikram	66	22.205275	70.802902	Rajkot	Rajkot	50	Vikram-1	50	132kV Vikram	Existing
701	Gondal	66KV Khokhaldal	66	22.193731	70.825897	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
702	Gondal	66KV Tramba	66	22.238779	70.900291	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
703	Gondal	66KV Kherdi	66	22.14316	70.540329	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
704	Gondal	66KV Faldung	66	22.252642	71.011124	Rajkot	Jasdan	15	Vikram-3	15	132kV Vikram	Existing
705	Gondal	66KV Magharwada	66	22.389509	70.994919	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
706	Gondal	66KV Hadmatiya	66	22.21628	70.97657	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
707	Gondal	66KV Rajshamadihyala	66	22.191063	70.939346	Rajkot	Rajkot	15	Vikram-3	15	132kV Vikram	Existing
708	Gondal	66KV Lalpark (Nilkanth)	66	22.153353	70.482651	Rajkot	Rajkot	30	Vikram-5	30	132kV Vikram	Existing
709	Gondal	66KV Andarana	66	22.8876	71.001999	Morbi	Morbi	40	Kangasiyali-1	40	220kV Kangasiyali	Existing
710	Gondal	66KV Sidheshvar	66	22.151501	70.785599	Rajkot	Lodhika	60	Kangasiyali-2	60	220kV Kangasiyali	Existing
711	Gondal	66KV Hirani	66	22.16238	70.787621	Rajkot	Kotda sangani	60	Kangasiyali-2	60	220kV Kangasiyali	Existing
712	Junagadh	66KV Zanzarda	66	21.52482	70.422966	Junagadh	Junagadh	40	Shapur-2	40	220kV Shapur	Existing
713	Junagadh	66KV Choki	66	21.652763	70.530792	Junagadh	Junagadh	40	Shapur-2	40	220kV Shapur	Existing
714	Junagadh	66KV Majewadi	66	21.609926	70.414864	Junagadh	Junagadh	40	Shapur-2	40	220kV Shapur	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
715	Junagadh	66KV Navagam	66	21.2551	70.243401	Junagadh	Vanthali	20	Shapur-3	20	220kV Shapur	Existing
716	Junagadh	66KV Khimpadar	66	21.234871	70.274811	Junagadh	Mendarda	20	Shapur-3	20	220kV Shapur	Existing
717	Junagadh	66KV Vadala	66	21.173025	70.358704	Junagadh	Malia	20	Shapur-3	20	220kV Shapur	Existing
718	Junagadh	66KV Katakpara	66	21.471338	70.199295	Junagadh	Manavadar	30	Shapur-4	30	220kV Shapur	Existing
719	Junagadh	66KV Raningpara	66	21.295717	70.292068	Junagadh	Keshod	30	Shapur-5	30	220kV Shapur	Existing
720	Junagadh	66KV Shapur	66	21.48167	70.369247	Junagadh	Vanthali	30	Shapur-6	30	220kV Shapur	Existing
721	Junagadh	66KV Bamnasa	66	21.380289	70.161949	Junagadh	Keshod	25	Shapur-7	25	220kV Shapur	Existing
722	Junagadh	66KV Mendapra	66	21.588388	70.599487	Junagadh	Bhesan	25	Shapur-8	25	220kV Shapur	Existing
723	Gondal	66KV Padadhari	66	22.442402	70.605064	Rajkot	Paddhari	25	Nyara-2	25	220kV Nyara	Existing
724	Gondal	66KV Sarapdad	66	22.352413	70.610291	Rajkot	Paddhari	25	Nyara-2	25	220kV Nyara	Existing
725	Gondal	66KV Taraghadi	66	22.389566	70.653465	Rajkot	Paddhari	25	Nyara-2	25	220kV Nyara	Existing
726	Gondal	66KV Mota Khijadiya	66	22.323744	70.552132	Rajkot	Paddhari	25	Nyara-2	25	220kV Nyara	Existing
727	Gondal	66KV Ghanteshwar	66	22.317011	70.757736	Rajkot	Rajkot	60	Nyara-3	60	220kV Nyara	Existing
728	Gondal	66KV Raiyadhar	66	22.28804	70.756813	Rajkot	Rajkot	60	Nyara-3	60	220kV Nyara	Existing
729	Junagadh	220KV Keshod	66	21.275442	70.211746	Junagadh	Keshod	70	Keshod-1	70	220kV Keshod	Existing
730	Junagadh	66KV Keshod	66	21.308002	70.243309	Junagadh	Keshod	30	Keshod-2	30	220kV Keshod	Existing
731	Junagadh	66KV Movana	66	21.194715	70.132622	Junagadh	Keshod	30	Keshod-2	30	220kV Keshod	Existing
732	Junagadh	66KV Patrama	66	21.235607	70.439613	Junagadh	Mendarda	15	Keshod-3	15	220kV Keshod	Existing
733	Junagadh	66KV Ajab	66	21.259768	70.360909	Junagadh	Keshod	15	Keshod-3	15	220kV Keshod	Existing
734	Junagadh	66KV Koylana	66	21.22699	70.257629	Junagadh	Keshod	15	Keshod-4	15	220kV Keshod	Existing
735	Junagadh	66KV Vadala	66	21.173025	70.358704	Junagadh	Malia	15	Keshod-4	15	220kV Keshod	Existing
736	Junagadh	66KV Amarapur	66	21.175987	70.415955	Junagadh	Malia	15	Keshod-4	15	220kV Keshod	Existing
737	Junagadh	66KV Kodaya	66	21.096357	70.331276	Junagadh	Malia	10	Keshod-5	10	220kV Keshod	Existing
738	Junagadh	66KV Bhanduri	66	21.094627	70.274994	Junagadh	Malia	10	Keshod-5	10	220kV Keshod	Existing
739	Junagadh	66KV Ladudi	66	20.942249	70.343452	Junagadh	Malia	10	Keshod-5	10	220kV Keshod	Existing
740	Junagadh	66KV Khorasa	66			Junagadh	Malia	10	Keshod-5	10	220kV Keshod	Existing
741	Junagadh	66KV Chuldi	66	21.063948	70.382561	Junagadh	Malia	10	Keshod-5	10	220kV Keshod	Existing
742	Junagadh	66KV Moti Ghasari	66	21.27018	70.203583	Junagadh	Keshod	30	Keshod-6	30	220kV Keshod	Existing
743	Junagadh	66KV Bhatsimaroli	66	21.215452	70.174988	Junagadh	Keshod	30	Keshod-6	30	220kV Keshod	Existing
744	Junagadh	66KV Khodiyar	66	21.289627	70.477814	Junagadh	Mendarda	20	Keshod-7	20	220kV Keshod	Existing
745	Junagadh	66KV Chotli vidi	66	21.141125	70.225204	Junagadh	Mangrol	30	Keshod-8	30	220kV Keshod	Existing
746	Junagadh	66KV Budhecha	66	21.099438	70.210365	Junagadh	Malia	30	Keshod-8	30	220kV Keshod	Existing
747	Junagadh	66KV Shril	66			Junagadh	Malia	20	Keshod-9	20	220kV Keshod	Existing
748	Junagadh	66KV Holiday camp (Prop.)	66			Junagadh	Malia	20	Keshod-10	20	220kV Keshod	Existing
749	Gondal	400KV Jetpur	400	21.784687	70.639046	Rajkot	Jetpur	500	Jetpur-1	500	400kV Jetpur	Existing
750	Junagadh	66KV Dhareshwar	66	21.780556	70.638885	Rajkot	Jetpur	30	Jetpur-2	30	400kV Jetpur	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
751	Junagadh	66KV Mandlikpur	66	21.743837	70.549286	Rajkot	Jetpur	25	Jetpur-3	25	400kV Jetpur	Existing
752	Junagadh	66kv Panchpipla	66	21.789555	70.548851	Rajkot	Jetpur	25	Jetpur-3	25	400kV Jetpur	Existing
753	Junagadh	66KV Jetalsar	66	21.70928	70.587074	Rajkot	Jetpur	15	Jetpur-4	15	400kV Jetpur	Existing
754	Junagadh	66KV Arabtimbdi	66	21.661663	70.585014	Rajkot	Jetpur	15	Jetpur-4	15	400kV Jetpur	Existing
755	Junagadh	66KV Vadia	66	21.693811	70.81321	Amreli	Kunkavav vadia	8	Jetpur-5	8	400kV Jetpur	Existing
756	Amreli	66KV Nava Ujala	66	21.672123	70.992111	Amreli	Kunkavav vadia	8	Jetpur-5	8	400kV Jetpur	Existing
757	Amreli	66KV Tori	66	21.63376	70.873924	Amreli	Kunkavav vadia	8	Jetpur-5	8	400kV Jetpur	Existing
758	Junagadh	66KV Devkigalol	66	21.632278	70.700928	Rajkot	Jetpur	10	Jetpur-6	30	400kV Jetpur	Existing
759	Junagadh	66KV Khambhaliya	66	21.400173	70.653893	Junagadh	Visavadar	10	Jetpur-6	30	400kV Jetpur	Existing
760	Junagadh	66KV Hanuman Khijadiya	66	21.393631	70.460915	Amreli	Kunkavav vadia	10	Jetpur-6	30	400kV Jetpur	Existing
761	Junagadh	66KV Jetpur 'B'	66	21.742203	70.644974	Rajkot	Jetpur	10	Jetpur-6	30	400kV Jetpur	Existing
762	Junagadh	66KV Moradiya	66	20.860037	70.663147	Gir-Somnath	Kodinar	30	Timbdi-2	30	220kV Timbdi	Existing
763	Junagadh	66KV Sindhaj	66	20.890144	70.731186	Gir-Somnath	Kodinar	15	Timbdi-3	15	220kV Timbdi	Existing
764	Junagadh	66KV Arnej	66	20.890144	70.731186	Gir-Somnath	Kodinar	15	Timbdi-3	15	220kV Timbdi	Existing
765	Junagadh	66KV Sutrapada	66	20.855515	70.485695	Gir-Somnath	Sutrapada	60	Timbdi-5	60	220kV Timbdi	Existing
766	Junagadh	66KV Veraval	66	20.918329	70.35894	Gir-Somnath	Veraval	60	Timbdi-5	60	220kV Timbdi	Existing
767	Junagadh	66KV P. Patan	66	20.892937	70.406441	Gir-Somnath	Veraval	60	Timbdi-5	60	220kV Timbdi	Existing
768	Junagadh	66KV Devli	66	20.797102	70.746162	Gir-Somnath	Kodinar	25	Timbdi-7	25	220kV Timbdi	Existing
769	Junagadh	66KV Jantrakhadi	66	20.776512	70.803879	Gir-Somnath	Kodinar	25	Timbdi-7	25	220kV Timbdi	Existing
770	Junagadh	66KV Advi	66	20.811556	70.828163	Gir-Somnath	Kodinar	25	Timbdi-7	25	220kV Timbdi	Existing
771	Junagadh	66KV Bhetali	66	20.963791	70.54641	Gir-Somnath	Veraval	25	Timbdi-8	25	220kV Timbdi	Existing
772	Junagadh	66KV Ambadash	66	21.055082	70.531784	Gir-Somnath	Talala	25	Timbdi-8	25	220kV Timbdi	Existing
773	Junagadh	66KV Raydi	66	20.921391	70.667412	Gir-Somnath	Talala	25	Timbdi-9	25	220kV Timbdi	Existing
774	Junagadh	66KV Ankolwadi	66	21.04188	70.671875	Gir-Somnath	Talala	20	Timbdi-10	20	220kV Timbdi	Existing
775	Junagadh	66KV Dhava	66	21.067917	70.604568	Gir-Somnath	Talala	20	Timbdi-10	20	220kV Timbdi	Existing
776	Junagadh	66KV Pranchi	66	20.917498	70.610603	Gir-Somnath	Sutrapada	20	Timbdi-10	20	220kV Timbdi	Existing
777	Junagadh	66KV Ghantwad	66	20.934765	70.763077	Gir-Somnath	Kodinar	20	Timbdi-11	20	220kV Timbdi	Existing
778	Junagadh	66KV Alidar	66	20.902826	70.848068	Gir-Somnath	Kodinar	20	Timbdi-11	20	220kV Timbdi	Existing
779	Junagadh	66KV Navadara	66	20.938175	70.454262	Gir-Somnath	Veraval	30	Timbdi-12	30	220kV Timbdi	Existing
780	Amreli	66KV Sardarnagar	66	21.756092	72.152199	Bhavnagar	Bhavnagar	30	Vartej-2	30	220kV Vartej	Existing
781	Amreli	66KV Sidsar	66	21.726311	72.138702	Bhavnagar	Bhavnagar	15	Vartej-3	15	220kV Vartej	Existing
782	Amreli	66KV Mamsa(2)	66	21.39794	72.082222	Bhavnagar	Ghogha	15	Vartej-3	15	220kV Vartej	Existing
783	Amreli	66KV Bhumbhali	66	21.674784	72.240982	Bhavnagar	Ghogha	15	Vartej-3	15	220kV Vartej	Existing
784	Amreli	66KV Bhadi	66	21.604376	72.133842	Bhavnagar	Ghogha	15	Vartej-3	15	220kV Vartej	Existing
785	Amreli	66KV Nathugadh	66	21.550039	72.17598	Bhavnagar	Ghogha	15	Vartej-3	15	220kV Vartej	Existing
786	Amreli	66KV Valkat Gate	66	21.47011	72.102982	Bhavnagar	Bhavnagar	30	Vartej-4	30	220kV Vartej	Existing
787	Amreli	66KV Chitra	66	21.761391	72.090134	Bhavnagar	Bhavnagar	30	Vartej-4	30	220kV Vartej	Existing
788	Amreli	66KV Desainagar	66	21.750769	72.104462	Bhavnagar	Bhavnagar	30	Vartej-5	30	220kV Vartej	Existing
789	Amreli	66KV Kharakdi	66	21.37953	72.029678	Bhavnagar	Ghogha	25	Vartej-6	25	220kV Vartej	Existing
790	Amreli	66KV Sihor(2)	66	21.43643	71.571899	Bhavnagar	Sihor	30	Vartej-7	25	220kV Vartej	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
791	Junagadh	220KV Visavadar	66	21.371191	70.755554	Junagadh	Visavadar	70	Visavadar-1	70	220kV Visavadar	Existing
792	Junagadh	66KV Dhari gundali	66	21.532434	70.793831	Junagadh	Bhesan	15	Visavadar-2	15	220kV Visavadar	Existing
793	Junagadh	66KV Chuda	66	21.355	70.4851	Junagadh	Bhesan	15	Visavadar-2	15	220kV Visavadar	Existing
794	Junagadh	66KV Morvada	66	21.32184	70.503006	Junagadh	Bhesan	15	Visavadar-2	15	220kV Visavadar	Existing
795	Junagadh	66KV Chanaka	66	21.302414	70.442833	Junagadh	Bhesan	15	Visavadar-2	15	220kV Visavadar	Existing
796	Junagadh	66KV Junidhari Gundli	66	21.532434	70.793831	Junagadh	Bhesan	15	Visavadar-2	15	220kV Visavadar	Existing
797	Junagadh	66KV Ishwariya	66	21.429514	70.70018	Junagadh	Visavadar	15	Visavadar-2	15	220kV Visavadar	Existing
798	Junagadh	66KV Ratang	66	21.300817	70.606247	Junagadh	Visavadar	15	Visavadar-3	15	220kV Visavadar	Existing
799	Junagadh	66KV Itali	66	21.181101	70.331596	Junagadh	Mendarda	15	Visavadar-3	15	220kV Visavadar	Existing
800	Junagadh	66KV Baradia	66	21.332748	70.580513	Junagadh	Visavadar	15	Visavadar-3	15	220kV Visavadar	Existing
801	Junagadh	66KV Khambhaliya	66	21.400173	70.653893	Junagadh	Visavadar	20	Visavadar-4	20	220kV Visavadar	Existing
802	Junagadh	66KV Govindpara	66	21.19187	70.472511	Junagadh	Visavadar	30	Visavadar-5	30	220kV Visavadar	Existing
803	Amreli	66KV Malsika	66	21.328436	70.956772	Amreli	Dhari	30	Visavadar-5	30	220kV Visavadar	Existing
804	Junagadh	66KV Vekariya	66	21.320164	70.893867	Junagadh	Visavadar	25	Visavadar-5	40	220kV Visavadar	Existing
805	Amreli	66KV Kagdadi [Hamapur]	66	21.407778	70.976158	Amreli	Bagasara	30	Visavadar-5	30	220kV Visavadar	Existing
806	Amreli	66KV Bhader	66	21.369249	70.928719	Amreli	Dhari	30	Visavadar-5	30	220kV Visavadar	Existing
807	Junagadh	66KV Motimonpari	66	21.307673	70.652954	Junagadh	Visavadar	25	Visavadar-6	25	220kV Visavadar	Existing
808	Junagadh	66KV Sarsai	66	21.183001	70.424896	Junagadh	Visavadar	25	Visavadar-6	25	220kV Visavadar	Existing
809	Junagadh	66KV Kankachiyala	66	21.376242	70.839973	Junagadh	Visavadar	45	Visavadar-7	60	220kV Visavadar	Existing
810	Junagadh	66KV Bhutdi	66	21.36573	70.780121	Junagadh	Visavadar	45	Visavadar-7	60	220kV Visavadar	Existing
811	Junagadh	66KV Navi Hadiyad	66	21.506853	70.86615	Amreli	Bagasara	25	Visavadar-8	50	220kV Visavadar	Existing
812	Junagadh	66KV Dhebar	66	21.413525	70.781898	Junagadh	Visavadar	50	Visavadar-8	50	220kV Visavadar	Existing
813	Gondal	66KV Barwala (Bhesan)	66	22.123569	71.164223	Rajkot	Jasdan	30	Visavadar-9	30	220kV Visavadar	Existing
814	Gondal	400KV Hadala	400	22.429438	70.764297	Rajkot	Rajkot	400	Hadala-400kV	400	400kV Hadala	Existing
815	Gondal	66KV Vijaynagar	66	22.422886	70.768715	Rajkot	Rajkot	30	Hadala-3	30	400kV Hadala	Existing
816	Gondal	66KV Aji Dahisarda	66	21.802214	70.184135	Rajkot	Paddhari	30	Hadala-4	30	400kV Hadala	Existing
817	Gondal	66KV Popatpara	66	22.316626	70.801651	Rajkot	Rajkot	30	Hadala-5	30	400kV Hadala	Existing
818	Gondal	66KV Dhuva	66	22.72233	70.94606	Morbi	Wankaner	40	Wankaner-1	40	220kV Wankaner	Existing
819	Gondal	66KV Panchasiya	66	22.706224	70.874481	Morbi	Wankaner	30	Wankaner-1	40	220kV Wankaner	Existing
820	Gondal	66KV Panchasar	66	22.63199	70.953156	Morbi	Wankaner	50	Wankaner-2	50	220kV Wankaner	Existing
821	Gondal	66KV Jadeshwar	66	22.647598	70.849228	Morbi	Wankaner	50	Wankaner-2	50	220kV Wankaner	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
822	Gondal	66KV Makansar(Dhuva 2)	66	22.734341	70.942635	Morbi	Wankaner	30	Wankaner-1	40	220kV Wankaner	Existing
823	Gondal	220KV Morbi	66	22.850533	70.857903	Morbi	Morbi	70	Morbi-1	70	220kV Morbi	Existing
824	Gondal	66KV Ghuntu	66	22.842329	70.870964	Morbi	Morbi	25	Morbi-4	25	220kV Morbi	Existing
825	Gondal	66KV Bharatnagar	66	22.855883	70.854736	Morbi	Morbi	50	Morbi-5	50	220kV Morbi	Existing
826	Gondal	66KV Amreli road	66	22.848661	70.810135	Morbi	Morbi	30	Morbi-7	30	220kV Morbi	Existing
827	Gondal	66KV Vajepar	66	23.567513	70.505676	Morbi	Morbi	30	Morbi-7	30	220kV Morbi	Existing
828	Gondal	66KV Morbi B	66	22.801245	70.806053	Morbi	Morbi	30	Morbi-7	30	220kV Morbi	Existing
829	Gondal	66KV Trajpar	66	22.805628	70.901962	Morbi	Morbi	60	Lalpar-2	60	220kV Lalpar	Existing
830	Gondal	66KV Shobheshwar	66	22.81621	70.878143	Morbi	Morbi	60	Lalpar-2	60	220kV Lalpar	Existing
831	Gondal	66KV Ravapar	66	23.518442	69.047386	Morbi	Morbi	40	Lalpar-3	40	220kV Lalpar	Existing
832	Gondal	66KV Old Rafeleshwar	66	22.786444	70.889351	Morbi	Morbi	30	Lalpar-4	30	220kV Lalpar	Existing
833	Gondal	66KV Jambudiya	66	22.788433	70.909576	Morbi	Morbi	40	Lalpar-5	40	220kV Lalpar	Existing
834	Gondal	66KV Lakaddhar	66	22.726555	70.969803	Morbi	Wankaner	25	Sartanpar-2	25	220kV Sartanpar	Existing
835	Gondal	66KV Sartanpar	66	22.750347	70.941986	Morbi	Wankaner	60	Sartanpar-3	60	220kV Sartanpar	Existing
836	Gondal	66KV Lakaddhar	66			Morbi	Wankaner	50	Sartanpar-4	50	220kV Sartanpar	Existing
837	Gondal	66KV Matel	66	22.72571	71.012169	Morbi	Wankaner	50	Sartanpar-4	50	220kV Sartanpar	Existing
838	Gondal	66KV Paneli	66	22.790909	70.950447	Morbi	Morbi	30	Sartanpar-5	30	220kV Sartanpar	Existing
839	Gondal	66KV Ratavirida(2)	66	22.766523	70.973816	Morbi	Wankaner	30	Sartanpar-5	30	220kV Sartanpar	Existing
840	Gondal	66KV Matel(2)	66	22.744884	70.981987	Morbi	Wankaner	30	Sartanpar-5	30	220kV Sartanpar	Existing
841	Surendranagar	400KV Mansar (Halvad)	66	23.011675	71.211861	Morbi	Halvad	70	Mansar-1	70	400kV Mansar	Existing
842	Surendranagar	66KV Halvad(3)	66	23.011076	71.133896	Morbi	Halvad	40	Mansar-2	40	400kV Mansar	Existing
843	Surendranagar	66KV Ghanshyamgadhd	66	23.069416	71.158173	Morbi	Halvad	40	Mansar-2	40	400kV Mansar	Existing
844	Surendranagar	66KV Miyani	66	23.126413	71.121941	Morbi	Halvad	40	Mansar-2	40	400kV Mansar	Existing
845	Surendranagar	66KV Ishwarnagar	66	23.007107	71.207626	Morbi	Halvad	40	Mansar-3	40	400kV Mansar	Existing
846	Surendranagar	66KV Dhavana	66	22.94265	71.261879	Morbi	Halvad	25	Halvad-2	25	220kV Halvad	Existing
847	Surendranagar	66KV Gurukul	66	23.001265	71.434502	Surendranagar	Dhrangadhra	25	Halvad-3	25	220kV Halvad	Existing
848	Surendranagar	66KV Soldi	66	22.988825	71.372505	Surendranagar	Dhrangadhra	25	Halvad-3	25	220kV Halvad	Existing
849	Surendranagar	66KV Bhalgamda	66	22.901211	71.192108	Morbi	Halvad	30	Halvad-4	30	220kV Halvad	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
850	Surendranagar	66KV Malaniyad	66	23.109776	71.257607	Morbi	Halvad	30	Halvad-5	30	220kV Halvad	Existing
851	Surendranagar	66KV Ghanshyamgadh	66	23.069416	71.158173	Morbi	Halvad	25	Halvad-6	25	220kV Halvad	Existing
852	Surendranagar	66KV Ranekpar	66	22.981468	71.174545	Morbi	Halvad	25	Halvad-7	25	220kV Halvad	Existing
853	Surendranagar	66KV Sundari Bhavani	66	22.842712	71.125366	Morbi	Halvad	30	Halvad-8	30	220kV Halvad	Existing
854	Junagadh	220KV Dhokadva	66	20.861702	71.057167	Gir-Somnath	Una	70	Dhokadava-1	70	220kV Dhokadava	Existing
855	Junagadh	66KV Dandi	66	20.790051	71.08596	Gir-Somnath	Una	30	Dhokadava-2	30	220kV Dhokadava	Existing
856	Junagadh	66KV Girgadhada	66	20.926504	70.926537	Gir-Somnath	Una	30	Dhokadava-3	30	220kV Dhokadava	Existing
857	Junagadh	66KV Luvari Moli	66	20.932716	71.153442	Gir-Somnath	Gir Gadhada	30	Dhokadava-3	30	220kV Dhokadava	Existing
858	Junagadh	66KV Rabarika	66	20.970396	71.149956	Amreli	Khambha	30	Dhokadava-3	30	220kV Dhokadava	Existing
859	Junagadh	66KV Nava Ugala	66	20.926504	70.926537	Gir-Somnath	Gir Gadhada	30	Dhokadava-3	30	220kV Dhokadava	Existing
860	Junagadh	66KV Delwada	66	20.776501	71.042297	Gir-Somnath	Una	30	Dhokadava-4	30	220kV Dhokadava	Existing
861	Junagadh	66KV Tad	66	20.749901	70.935402	Gir-Somnath	Una	30	Dhokadava-4	30	220kV Dhokadava	Existing
862	Junagadh	66KV Bodidar	66	20.854046	70.847595	Gir-Somnath	Gir Gadhada	15	Dhokadava-5	15	220kV Dhokadava	Existing
863	Junagadh	66KV Samter	66	20.851208	71.132149	Gir-Somnath	Una	30	Dhokadava-6	30	220kV Dhokadava	Existing
864	Junagadh	66KV Zud Vadli	66	20.903091	70.990837	Gir-Somnath	Gir Gadhada	30	Dhokadava-7	30	220kV Dhokadava	Existing
865	Junagadh	66KV Dhokadva	66	20.861702	71.057167	Gir-Somnath	Una	30	Dhokadava-8	30	220kV Dhokadava	Existing
866	Amreli	66KV Timbi	66	20.902561	71.217392	Amreli	Jafabad	30	Dhokadava-9	30	220kV Dhokadava	Existing
867	Gondal	132KV Padavala	132	22.160494	70.819954	Rajkot	Kotda sangani	100	Padavala-1	100	132kV Padavala	Existing
868	Gondal	132KV Vaghaisya	66	22.65295	70.958572	Morbi	Wankaner	100	Vaghaisya-1	100	132kV Vaghaisya	Existing
869	Gondal	66KV Gangiyavadar	66	22.624645	71.073555	Morbi	Wankaner	50	Vaghaisya-2	50	132kV Vaghaisya	Existing
870	Palanpur	220KV Agathala	220	24.296049	71.887413	Banaskantha	Lakhani	300	Agathla-1	300	220kV Agathla	Existing
871	Surendranagar	220KV Charadva	66	22.987659	71.13623	Morbi	Halvad	70	Charadava-1	70	220kV Charadava	Existing
872	Surendranagar	66KV Charadva	66	22.91646	71.018799	Morbi	Halvad	30	Charadava-2	30	220kV Charadava	Existing
873	Surendranagar	66KV Sarambhada	66	22.887993	71.109222	Morbi	Halvad	40	Charadava-3	40	220kV Charadava	Existing
874	Gondal	66KV Ravki	66	22.205557	70.726059	Rajkot	Lodhika	50	Charadava-4	50	220kV Charadava	Existing
875	Amreli	220KV Charkha	220	21.890104	71.247025	Amreli	Babra	400	Charkha-1	400	220kV Charkha	Existing
876	Amreli	220KV Charkha	66	21.890104	71.247025	Amreli	Babra	70	Charkha-2	70	220kV Charkha	Existing
877	Junagadh	66KV Vajdi	66	20.861774	71.057137	Gir-Somnath	Una	30	Dhokadava-7	30	220kV Dhokadava	Existing
878	Surendranagar	220KV Dhrangadhra	220	23.015495	71.453148	Surendranagar	Dhrangadhra	150	Dhrangadhra-1	150	220kV Dhrangadhra	Existing
879	Surendranagar	220KV Dhrangadhra	66	23.015495	71.453148	Surendranagar	Dhrangadhra	70	Dhrangadhra-2	70	220kV Dhrangadhra	Existing
880	Surendranagar	66KV Kantavav	66	23.009939	71.478371	Surendranagar	Dhrangadhra	30	Dhrangadhra-3	30	220kV Dhrangadhra	Existing
881	Gondal	220KV Gondal	66	21.947529	70.786095	Rajkot	Gondal	70	Gondal-1	70	220kV Gondal	Existing
882	Gondal	66KV Hamapar	66	22.466225	70.402122	Jamnagar	Dhrol	15	Jamnagar-1	15	220kV Jamnagar	Existing

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (in MW)	Main Cluster	Existing / Planned Infrastruct
883	Jamnagar	66KV Chella	66	22.376135	70.050507	Jamnagar	Jamnagar	30	Jamnagar-2	30	220kV Jamnagar	Existing
884	Jamnagar	220KV Kalavad	220	22.293007	70.320831	Jamnagar	Kalavad	200	Kalavad-1	200	220kV Kalavad	Planned
885	Amreli	220KV Otha	66	21.183924	71.846115	Bhavnagar	Mahuva	70	Otha-1	70	220kV Otha	Existing
886	Surendranagar	220KV Sadla	66	22.734152	71.356613	Surendranagar	Muli	70	Sadla-1	70	220kV Sadla	Existing
887	Amreli	220KV Sagapara	66	21.556185	71.852798	Bhavnagar	Palitana	50	Sagapara-1	50	220kV Sagapara	Existing
888	Amreli	66KV Liliya	66	21.535213	71.35318	Amreli	Lilia	25	Savarkundla-2	25	220kV Savarkundla	Existing
889	Amreli	220KV Savarkundla	66	21.341492	71.327866	Amreli	Savarkundla	70	Savarkundla-1	70	220kV Savarkundla	Existing
890	Amreli	66KV Nagadhra	66	21.296223	71.145744	Amreli	Dhari	15	Savarkundla-3	15	220kV Savarkundla	Existing
891	Amreli	66KV Jakhariya	66	21.703262	71.318924	Amreli	Lathi	25	Amreli-1	25	400kV Amreli	Existing
892	Palanpur	400KV Charanka	66	23.534599	71.125702	Patan	Santalpur	5	Charanka-1	5	400kV Charanka	Existing
893	Surendranagar	400KV Shapar	220					400	Shapar-1	400	400kV Shapar	Existing
894	Surendranagar	400KV Shapar	66					25	Shapar-2	25	400kV Shapar	Existing
895	Anjar	400kV Varsana S/s through 400kV Bus of M/s Gaya Solar Bihar Pvt Ltd under sharing mechanism	400			Kutch		150	Varsana-1	150	400kV Varsana	Existing
896	Jambuva	220kV Waghodia direct line or through 220kV Bus of NTPC solar project under sharing mechanism	220	22.296625	73.396835	Vadodara	Waghodia	150	Varsana-1	150	220kV Waghodia	Existing
897	Mehsana	66kV Punasan	66			Patan	Siddhpur	30	Patan-2	30	132KV Patan	Planned
898	Bharuch	66KV Sajod	66			Bharuch	Ankleshwar	30	Ankleshwar-3	50	132KV Ankleshwar	Planned
899	Bharuch	66KV Dantrai (Vadhvan-Kathpore)	66			Bharuch	Hansot	30	Ankleshwar-3	50	132KV Ankleshwar	Planned
900	Jambuva	66KV Luna	66			Vadodara	Padra	60	Gotri-2	60	132KV Gotri	Planned
901	Navsari	66KV Veluk	66			Surat	Olpad	50	Ichchhapore-6	50	220KV Ichchhapore	Planned
902	Nadiad	66KV Bhadaran (Vachhiyel)(Sisva)	66			Anand	Borsad	50	Mogar-1	50	220KV Mogar	Planned
903	Bharuch	66KV Sisodara	66			Bharuch	Ankleshwar	30	Kosamba-4	40	400KV Kosamba	Planned
904	Nadiad	66KV Kaniyal (Vadod)	66			Ahmedabad	Dascroi	30	Kapadwanj-4	30	220KV Kapadwanj	Planned
905	Nadiad	66KV Pij	66			Kheda	Vaso	25	Mahemdabad-2	25	132KV Mahemdabad	Planned

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
906	Jambuva	66KV Dudhiya (Moti Vav) (Dhanpur Patiya)	66			Dahod	Limkheda	30	Limkheda-2	30	132KV Limkheda	Planned
907	Navsari	66KV Moti Falod	66			Surat	Bardoli	30	Ankleshwar-3	50	220KV Mota (Bardoli)	Planned
908	Bharuch	66KV Simodra (Limbada)	66			Surat	Mangrol	50	Kim-5	50	220KV Kim	Planned
909	Jambuva	66KV Kanthagar (Sangdapada)	66			Dahod	Fatepura	30	Rupakheda-3	30	220KV Zalod	Planned
910	Jambuva	66KV Chhaparvad	66			Dahod	Singvad	30	Limkheda-2	30	132KV Limkheda	Planned
911	Jambuva	66KV Kajli (Dodiya)	66			Mahisagar	Kadana	30	Savdasnamuvad a-6	30	220KV Savdasna Muvada	Planned
912	Jambuva	66KV Dholi (Bodidra Bujarge)	66			Panchmahal	Godhra	30	Godhra-6	30	220KV Godhra	Planned
913	Navsari	66KV Miyawadi (Kadod-2)	66			Surat	Bardoli	30	Mota-4	30	220KV Mota (Bardoli)	Planned
914	Nadiad	66KV Hirapur (Bol GIDC Sanand II)	66			Ahmedabad	Sanand	30	Salejada-3	30	400KV Charal (Chharodi / Sanand-II)	Planned
915	Nadiad	66KV Chikhodra	66			Anand	Anand	30	Mogar-2	30	220KV Mogar	Planned
916	Nadiad	66KV Bamangam	66			Anand	Anklav	30	Karamsad-5	30	220KV Karamsad	Planned
917	Junagadh	66KV Thanapipli (Nagadiya)	66			Junagadh	Vanthali	20	Shapur-3	20	220KV Shapur	Planned
918	Bharuch	66kV Bardi (Umargot)	66			Surat	Umarpada	30	Valia-4	50	132KV Valia	Planned
919	Jambuva	66kV Jambua	66			Dahod	Garbada	30	Dahod-2	30	132KV Dahod	Planned
920	Jambuva	66kV Kadana	66			Mahisagar	Kadana	30	Savdasnamuvad a-6	30	220KV Savdasna Muvada	Planned
921	Navsari	66kV Goddha	66			Tapi	Valod	30	Mota-2	50	220KV Mota (Bardoli)	Planned
922	Navsari	66kV Sukhlav	66			Valsad	Pardi	30	Vapi-2	30	220KV Vapi	Planned
923	Nadiad	66kV Nayka	66			Kheda	Kheda	30	Salejada-6	30	220KV Salejada	Planned
924	Nadiad	66kV Modaj	66			Kheda	Mehemdabad	30	Mahemdabad-3	30	132KV Mahemdabad	Planned
925	Palanpur	66kV Jorapura (Dhakha)	66			Banaskantha	Dhanera	25	Tharad-4	25	220KV Thavar	Planned
926	Palanpur	66kV Madana (Gadh)	66			Banaskantha	Palanpur	30	Deesa-5	30	220KV Jangral	Planned
927	Palanpur	66kV Edrana	66			Banaskantha	Vadgam	30	Siddhpur-3	30	132KV Siddhpur	Planned
928	Jamnagar	66kV Sadhna Colony	66			Jamnagar	Jamnagar	30	Naghedi-4	30	132KV Naghedi	Planned
929	Junagadh	66kV Bhojde (Sasan)	66			Gir Somnath	Talala	30	Talala-2	30	132KV Talala	Planned
930	Jambuva	66kV Ghata (Kundal)	66			Chhotaudepur	Pavi jetpur	30	Zoz-2	30	132KV Zoz	Planned
931	Navsari	66kV Ambatalat (Bopi) (Hanmatmal)	66			Valsad	Dharampur	50	Ambheta-2	50	220KV Chikhli	Planned
932	Nadiad	66kV Ambli	66			Ahmedabad	Dasroi	60	Vadavi-2	60	220KV Santej	Planned

Sr. No.	Name of Circle	Name of Substation	Voltage Class (kV)	Lat	Long	District	Taluka	Tentative feasible RE integration	Sub Cluster	Sub Cluster (im MW)	Main Cluster	Existing / Planned Infrastruct
933	Bharuch	66kV Ankleshwar GIDC-C	66			Bharuch	Ankleshwar	30	Ankleshwar-3	50	132KV Ankleshwar	Planned
934	Navsari	66kV Antapur	66			Tapi	Dolvan	30	Virpore-3	30	220KV Virpore	Planned
935	Jambuva	66kV Batakwada / Khedapa	66			Mahisagar	Santrampur	30	Savdasnamuvad a-2	30	220KV Savdasna Mauda	Planned
936	Navsari	66kV Bedkuwadur	66			Tapi	Vyara	25	Virpore-2	25	220KV Virpore	Planned
937	Junagadh	66kV Bhatgam	66			Junagadh	Mangrol	30	Keshod-6	30	220KV Keshod	Planned
938	Mehsana	66kV Dadhiyal	66			Mehsana	Visnagar	30	Vijapur-3	30	220KV Vijapur	Planned
939	Navsari	66kV Dhanori (Khapariya)	66			Navsari	Gandevi	30	Navsari-2	50	220KV Navsari	Planned
940	Navsari	66kV Diamond Park	66			Surat	Choryasi	50	Talangpur-9	50	220KV Sachin (Talangpore)	Planned
941	Nadiad	66kV Gadva (Samaspur) (Gothaj)	66			Kheda	Mehemdabad	30	Mahemdabad-4	30	132KV Mahemdabad	Planned
942	Jambuva	66kV Ghodiya (Gamdi)	66			Dahod	Zalod	30	Savdasnamauda-2	30	220KV Savdasna Mauda	Planned
943	Bharuch	66kV Godawadi (Unn)	66			Surat	Mandvi	50	Mota-7	50	220KV Mota (Bardoli)	Planned
944	Himatnagar	66kV Golvada (Toldungari)	66			Sabarkantha	Vijaynagar	30	Bhutiya-6	30	220KV Bhutiya	Planned
945	Palanpur	66kV Jagana	66			Banaskantha	Palanpur	40	Palanpur-1	40	220KV Palanpur	Planned
946	Mehsana	66kV Jagudan	66			Mehsana	Mehsana	30	Mitha-6	30	220KV Mitha	Planned
947	Mehsana	66kV Jaska	66			Mehsana	Vadnagar	30	Siddhpur-4	30	132KV Siddhpur	Planned
948	Mehsana	66kV Jaspur (Ganpatpura)	66			Gandhinagar	Gandhinagar	30	Barejadi-3	40	400KV Vadavi	Planned
949	Himatnagar	66kV Jindva	66			Gandhinagar	Dehgam	30	Ode-4	30	220KV Khanpur	Planned
950	Bharuch	66kV Kamlapor	66			Surat	Mandvi	50	Mota-7	50	220KV Mota	Planned
951	Bharuch	66kV Kara	66			Bharuch	Valiya	30	Kosamba-3	30	400KV Kosamba	Planned
952	Himatnagar	66kV Kathroti (Vereshwar)	66			Sabarkantha	Vijaynagar	30	Bhutiya-6	30	220KV Bhutiya	Planned
953	Nadiad	66kV kathwada-2	66			Ahmedabad	Dasroi	40	Barejadi-3	40	220KV Ranasan	Planned
954	Nadiad	66kV Kathwada-3 (EMRI 108)	66			Ahmedabad	Dasroi	40	Barejadi-3	40	220KV Ranasan	Planned
955	Junagadh	66kV Khadiya	66			Junagadh	Junagadh Rural	25	Junagadh-2	25	132KV Junagadh	Planned
956	Jambuva	66KV Ladhod	66			Chhotaudepur	Bodeli	30	Tilakwada-2	30	132KV Tilakwada	Planned