

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

**Note:**

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- (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.
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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
1	Chhota-Udaipur	Chhota Udepur	132/66KV Chhota Udepur (Vasedi)	100	132kV Chhota Udepur	Jambuva	132	22.32289	74.00774	Chhota Udepur-132kV	Existing
2	Chhota-Udaipur	Chhota Udepur	132/66KV Chhota Udepur (Vasedi)	70	132kV Chhota Udepur	Jambuva	66	22.32289	74.00774	Chhota Udepur-1	Existing
3	Bharuch	Ankleshwar	132KV Ankleshwar	100	132kV Ankleshwar	Bharuch	132	21.63106	73.0101	Ankleshwar-132kV	Existing
4	Valsad	Valsad	132KV Atul	70	220kV Atul	Navsari	66	20.53799	72.96215	Atul-1	Existing
5	Bharuch	Bharuch	132KV Bharuch	70	132kV Bharuch	Bharuch	66	21.70952	73.00858	Bharuch-1	Existing
6	Surat	Choryasi	132KV Bhestan	100	132kV Bhestan	Navsari	132	21.13856	72.84768	Bhestan-132kV	Existing
7	Ahmedabad	Ahmedabad	132KV Chandkheda	70	132kV Chandkheda	Nadiad	66	22.11713	72.55936	Ranasan-4	Existing
8	Gandhinagar	Gandhinagar	132KV Chiloda	70	132kV Chiloda	Nadiad	66	23.2298	72.72669	Chiloda-1	Existing
9	Dahod	Dahod	132KV Dahod	100	132kV Dahod	Jambuva	132	22.8294	74.23208	Dahod-1	Existing
10	Sabarkantha	Idar	132KV Idar	70	132kV Idar	Himmatnagar	66	23.49475	73.00103	Idar-1	Existing
11	Vadodara	Vadodara	132KV Javahar nagar	100	132kV Jawaharnagar	Jambuva	132	22.38808	73.12309	Jawaharnagar-132kV	Existing
12	Vadodara	Savli	132KV Manjusar	100	132kV Manjusar	Jambuva	132	22.43689	73.21114	Manjusar-132kV	Existing
13	Vadodara	Savli	132KV Manjusar	70	132kV Manjusar	Jambuva	66	22.43689	73.21114	Manjusar-1	Existing
14	Jamnagar	Jamnagar	132KV Naghedi	50	132kV Naghedi	Jamnagar	66	22.45654	70.03703	Naghedi-1	Existing
15	Ahmedabad	Daskroi	132KV Narol	100	132kV Narol	Nadiad	132	22.95058	72.5873	Narol-132kV	Existing
16	Ahmedabad	Daskroi	132KV Narol	70	132kV Narol	Nadiad	66	22.95058	72.5873	Narol-1	Existing
17	Anand	Anand	132KV Ode	100	132kV Ode	Nadiad	132	22.61024	73.1242	Ode-132kV	Existing
18	Anand	Anand	132KV Ode	70	132kV Ode	Nadiad	66	22.61024	73.1242	Ode-1	Existing

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19	Rajkot	Kotda sangani	132KV Padavala	100	132kv Padavala	Gondal	132	22.16049	70.81995	Padavala-1	Existing
20	Patan	Patan	132KV Patan	100	132kv Patan	Mehsana	132	23.84257	72.13172	Patan-132kv	Existing
21	Patan	Patan	132KV Patan	70	132kv Patan	Mehsana	66	23.84257	72.13172	Patan-1	Existing
22	Patan	Sidhpur	132KV Sidhpur	100	132kv Siddhpur	Mehsana	132	23.91236	72.35899	Siddhpur-132kv	Existing
23	Narmada	Tilakwada	132KV Tilakwada	100	132kv Tilakwada	Jambuva	132	21.95742	73.5939	Tilakwada-132kv	Existing
24	Morbi	Wankaner	132KV Vaghaisya	100	132kv Vaghaisya	Gondal	66	22.65295	70.95857	Vaghaisya-1	Existing
25	Bharuch	Valia	132KV Valia	70	132kv Valia	Bharuch	66	21.57416	73.1662	Valia-1	Existing
26	Rajkot	Rajkot	132KV Vikram	50	132kv Vikram	Gondal	66	22.20528	70.8029	Vikram-1	Existing
27	Mehsana	Visnagar	132KV Visanagar	100	132kv Visnagar	Himmatnagar	132	23.6999	72.5388	Visnagar-132kv	Existing
28	Chhota-Udaipur	Chhota Udepur	132KV Zoz	100	132kv Zoz	Jambuva	132	22.36377	74.03243	Zoz-132kv	Existing
29	Chhota-Udaipur	Chhota Udepur	132KV Zoz	70	132kv Zoz	Jambuva	66	22.36377	74.03243	Zoz-1	Existing
30	Sabarkantha	Himatnagar	220/66KV Agiyol	200	220kv Agiyol	Himmatnagar	132	23.57961	73.02289	Agiyol-132kv	Existing
31	Sabarkantha	Idar	220/66KV Bhutiya	400	220kv Bhutiya	Himmatnagar	220	23.85809	73.07105	Bhutiya-220kv	Existing
32	Sabarkantha	Idar	220/66KV Bhutiya	70	220kv Bhutiya	Himmatnagar	66	23.85809	73.07105	Bhutiya-1	Existing
33			220/66KV Kheralu	70	220kv Kheralu	Himmatnagar	66			Kheralu-1	Existing
34	Bharuch	Zagadia	220KV Achhalia	400	220kv Achhalia	Bharuch	220	21.78796	73.28999	Achhalia-220kv	Existing
35	Bharuch	Zagadia	220KV Achhalia	70	220kv Achhalia	Bharuch	66	21.78796	73.28999	Achhalia-1	Existing
36	Ahmedabad	Bavla	220KV Bagodara	70	220kv Bagodara	Surendranagar	66	22.65613	72.21304	Bagodara-1	Existing

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37	Valsad	Umbergaon	220KV Bhilad	70	220kV Bhilad	Navsari	66	20.27018	72.90298	Bhilad-1	Existing
38	Panchmahal	Halol	220KV Chandrapura	70	220kV Chandrapura	Jambuva	66	22.54765	73.4434	Chandrapura-1	Existing
39	Morbi	Halvad	220KV Charadva	70	220kV Charadava	Surendranagar	66	22.98766	71.13623	Charadava-1	Existing
40	Amreli	Babra	220KV Charkha OR under sharing with Project Twelve Renewable Power Private Limited	150	220kV Charkha	Amreli	220	21.8901	71.24703	Charkha-1	Existing
41	Bharuch	Vagra	220KV Dahej	70	220kV Dahej	Bharuch	66	21.70228	72.58669	Dahhej-1	Existing
42	Aravalli	Dhansura	220KV Dhansura	400	220kV Dhansura	Himmatnagar	220	23.34606	73.19376	Dhansura-220kV	Existing
43	Aravalli	Dhansura	220KV Dhansura	70	220kV Dhansura	Himmatnagar	66	23.34606	73.19376	Dhansura-1	Existing
44	Surendranagar	Dhrangadhra	220KV Dhrangadhra	150	220kV Dhrangadhra	Surendranagar	220	23.0155	71.45315	Dhrangadhra-1	Existing
45	Surendranagar	Dhrangadhra	220KV Dhrangadhra	70	220kV Dhrangadhra	Surendranagar	66	23.0155	71.45315	Dhrangadhra-2	Existing
46	Aravalli	Modasa	220KV Faredi	400	220kV Faredi	Himmatnagar	220	23.42653	73.42007	Faredi-220kV	Existing
47	Aravalli	Modasa	220KV Faredi	70	220kV Faredi	Himmatnagar	66	23.42653	73.42007	Faredi-1	Existing
48	Vadodara	Padra	220KV Gavasad	70	220kV Gavasad	Jambuva	66	22.1706	72.94773	Gavasad-1	Existing
49	Panchmahal	Godhra	220KV Godhra	100	220kV Godhra	Jambuva	132	22.75925	73.61014	Godhra-132kV	Existing
50	Panchmahal	Godhra	220KV Godhra	70	220kV Godhra	Jambuva	66	22.75925	73.61014	Godhra-1	Existing
51	Rajkot	Gondal	220KV Gondal	70	220kV Gondal	Gondal	66	21.94753	70.7861	Gondal-1	Existing

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52	Vadodara	Vadodara	220KV Gotri	100	220kV Gotri	Jambuva	132	22.31211	73.14339	Gotri-132kV	Existing
53	Bharuch	Bharuch	220KV Haldarwa	400	220kV Haldarwa	Bharuch	220	21.75325	73.03051	Haldarwa-220kV	Existing
54	Bharuch	Bharuch	220KV Haldarwa	100	220kV Haldarwa	Bharuch	132	21.75325	73.03051	Haldarwa-132kV	Existing
55	Bharuch	Bharuch	220KV Haldarwa	70	220kV Haldarwa	Bharuch	66	21.75325	73.03051	Haldarwa-1	Existing
56	Surat	Choryasi	220KV Ichchhapore	400	220kV Ichchhapore	Navsari	220	21.18821	72.72643	Ichchhapore-220kV	Existing
57	Surat	Choryasi	220KV Ichchhapore	70	220kV Ichchhapore	Navsari	66	21.18821	72.72643	Ichchhapore-1	Existing
58	Vadodara	Vadodara	220KV Jambuva	70	220kV Jambuva	Jambuva	66	22.21538	73.19126	Jambuva-1	Existing
59	Gandhinagar	Kalol	220KV Jamla	400	220kV Jamla	Himmatnagar	220	23.39423	72.59067	Jamla-220kV	Existing
60	Patan	Saraswati	220KV Jangral	100	220kV Jangral	Palanpur	66	24.03925	72.15864	Jangral-1	Existing
61	Jamnagar	Kalavad	220KV Kalavad	200	220kV Kalavad	Jamnagar	220	22.29301	70.32083	Kalavad-1	Planned
62	Vadodara	Karjan	220KV Karjan	70	220kV Karjan	Jambuva	66	22.04866	73.13504	Karjan-1	Existing
63	Chhota-Udaipur	Kawant	220KV Kawant	100	220kV Kawant	Jambuva	132	22.29907	74.01143	Kawan-132kV	Existing
64	Junagadh	Keshod	220KV Keshod	70	220kV Keshod	Junagadh	66	21.27544	70.21175	Keshod-1	Existing
65	Gandhinagar	Dehgam	220KV Khanpur	400	220kV Khanpur	Nadiad	220	23.22098	72.87595	Khanpur-220kV	Existing
66	Gandhinagar	Dehgam	220KV Khanpur	70	220kV Khanpur	Nadiad	66	23.22098	72.87595	Khanpur-1	Existing
67	Surat	Mangrol(s)	220KV Kim	400	220kV Kim	Bharuch	220	21.37305	72.97862	Kim-220	Existing
68	Surat	Mangrol(s)	220KV Kim	70	220kV Kim	Bharuch	66	21.37305	72.97862	Kim-1	Existing
69	Mehsana	Mehsana	220KV Mehsana	100	220kV Mehsana	Mehsana	132	23.61445	72.40146	Mehsana-132kV	Existing
70	Mehsana	Mehsana	220KV Mitha	200	220kV Mitha	Mehsana	220	23.53661	72.2975	Mitha-220kV	Existing
71	Mehsana	Mehsana	220KV Mitha	70	220kV Mitha	Mehsana	66	23.53661	72.2975	Mitha-1	Existing
72	Morbi	Morbi	220KV Morbi	70	220kV Morbi	Gondal	66	22.85053	70.8579	Morbi-1	Existing

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73	Banaskantha	Palanpur	220KV Palanpur	400	220kV Palanpur	Palanpur	220	24.18414	72.45279	Palanpur-220kV	Existing
74	Surat	Choryasi	220KV Popda	400	220kV Popda	Navsari	220	21.06667	72.9	Popda-220kV	Existing
75	Patan	Radhanpur	220KV Radhanpur	70	220kV Radhanpur	Palanpur	66	23.833	71.6495	Radhanpur-1	Existing
76	Dahod	Zalod	220KV Rupkheda	300	220kV Rupakheda	Jambuva	220	23.00085	74.21385	Rupakheda-1	Existing
77	Surendranagar	Muli	220KV Sadla	70	220kV Sadla	Surendranagar	66	22.73415	71.35661	Sadla-1	Existing
78	Bhavnagar	Palitana	220KV Sagapara	50	220kV Sagapara	Amreli	66	21.55619	71.8528	Sagapara-1	Existing
79	Ahmedabad	Dholka	220KV Salejada	70	220kV Salejada	Nadiad	66	22.7506	72.43968	Salejada-1	Existing
80	Patan	Patan	220KV Sankhari	200	220kV Sankhari	Mehsana	220	23.78538	72.1571	Sankhari-220kV	Existing
81	Patan	Patan	220KV Sankhari	70	220kV Sankhari	Mehsana	66	23.78538	72.1571	Sankhari-1	Existing
82	Amreli	Savarkundla	220KV Savarkundla	70	220kV Savarkundla	Amreli	66	21.34149	71.32787	Savarkundla-1	Existing
83	Mahisagar	Lunawada	220KV Savdasnamuvada	400	220kV Savdasnamuvada	Jambuva	220	23.17254	73.69556	Savdasnamuvada-220kV	Existing
84	Mahisagar	Lunawada	220KV Savdasnamuvada	70	220kV Savdasnamuvada	Jambuva	66	23.17254	73.69556	Savdasnamuvada-1	Existing
85	Bharuch	Vagra	220KV Suva (Rahiyad HGIS)	200	220kV Suva	Bharuch	220	21.70791	72.66185	Suva-220kV	Existing
86	Bharuch	Vagra	220KV Suva (Rahiyad HGIS)	70	220kV Suva	Bharuch	66	21.70791	72.66185	Suva-1	Existing
87	Surat	Choryasi	220KV Talangpore	70	220kV Talangpore	Navsari	66	21.07612	72.84021	Talangpore-1	Existing
88	Banaskantha	Tharad	220KV Tharad	70	220kV Tharad	Palanpur	66	24.37733	71.63027	Tharad-1	Existing
89	Banaskantha	Dhanera	220KV Thavar	70	220kV Thavar	Palanpur	66	24.53356	72.01144	Thavar-1	Existing

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90	Bharuch	Vagra	220KV Vagra	200	220kV Wagra	Bharuch	220	21.84589	72.8389	Wagra-220kV	Existing
91	Bharuch	Vagra	220KV Vagra	70	220kV Wagra	Bharuch	66	21.84589	72.8389	Wagra-1	Existing
92	Tapi	Vyara	220KV Virpur	400	220kV Virpore	Navsari	220	21.12014	73.45445	Virpore-220kV	Existing
93	Tapi	Vyara	220KV Virpur	70	220kV Virpore	Navsari	66	21.12014	73.45445	Virpore-1	Existing
94	Junagadh	Visavadar	220KV Visavadar	70	220kV Visavadar	Junagadh	66	21.37119	70.75555	Visavadar-1	Existing
95	Vadodara	Waghodia	Through 220kV Bus of NTPC solar project under sharing (220 kV Waghodia)	150	220 kV Waghodia	Jambuva	220	22.29663	73.39684	Waghodia-1	Existing
96	Bharuch	Zagadia	220KV Zagadia	400	220kV Zagadia	Bharuch	220	21.66162	73.1448	Zagadia-220kV	Existing
97	Bharuch	Zagadia	220KV Zagadia	70	220kV Zagadia	Bharuch	66	21.66162	73.1448	Zagadia-1	Existing
98	Banaskantha	Deesa	400/220/66KV Zerda	500	400kV Zerda (Kansari)	Palanpur	400	24.33518	72.12774	Zerda-400kV	Existing
99	Vadodara	Vadodara	400KV Asoj	70	400kV Asoj	Jambuva	66	22.36727	73.26229	Asoj-1	Existing
100	Patan	Santalpur	400KV Charanka	5	400kV Charanka	Palanpur	66	23.5346	71.1257	Charanka-1	Existing
101	Ahmedabad	Sanand	400KV Chharodi	500	400kV Chharodi	Surendranagar	400	23.03952	72.26324	Chharodi-400kV	Existing
102	Ahmedabad	Sanand	400KV Chharodi	400	400kV Chharodi	Surendranagar	220	23.03952	72.26324	Chharodi-220kV	Existing
103	Rajkot	Rajkot	400KV Hadala	400	400kV Hadala	Gondal	400	22.42944	70.7643	Hadala-400kV	Existing
104	Rajkot	Jetpur	400KV Jetpur	500	400kV Jetpur	Gondal	400	21.78469	70.63905	Jetpur-1	Existing

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
105	Anand	Sojitra	400KV Kasor	400	400kV Kasor	Nadiad	220	22.53784	72.78142	Kasor-220kV	Existing
106	Surat	Mangrol(s)	400KV Kosamba	500	400kV Kosamba	Bharuch	400	21.5194	73.07313	Kosamba-400kV	Existing
107	Morbi	Halvad	400KV Mansar (Halvad)	70	400kV Mansar	Surendranagar	66	23.01168	71.21186	Mansar-1	Existing
108	Rajkot	Surendranagar	Through 220kV Bus of ACME Pokhran Solar Private Limited under sharing (400 kV Shapar)	100	400kV Shapar	Surendranagar	220			Shapar-1	Existing
109	Gandhinagar	Kalol	400KV Soja	500	400kV Soja	Himmatnagar	220	23.36527	72.5984	Soja-220kV	Existing
110	Mehsana	Kadi	400KV Vadavi	500	400kV Vadavi	Mehsana	400	23.20355	72.40038	Vadavi-400kV	Existing
111	Mehsana	Kadi	400KV Vadavi	400	400kV Vadavi	Mehsana	220	23.20355	72.40038	Vadavi-220kV	Existing
112	Mehsana	Kadi	400KV Vadavi	70	400kV Vadavi	Mehsana	66	23.20355	72.40038	Vadavi-1	Existing
113	Rajkot	Anjar	400kV Varsana S/s through 400kV Bus of M/s Gaya Solar Bihar Pvt Ltd under sharing mec	150	400kV Varsana	Anjar	400			Varsana-1	Existing
114	Patan	Patan	400KV Veloda OR under sharing with SJVN Green Energy Limited	200	400kV Veloda	Palanpur	400	23.58019	72.02203	Veloda-400kV	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

**Note:**

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- (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.
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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
115	Patan	Patan	400KV Veloda OR under sharing with ABReL SPV 2 Limited	100	400kv Veloda	Palanpur	220	23.58019	72.02203	Veloda-220kV	Existing
116			66 KV Shetra	30	220kv Salejada	Nadiad	66			Salejada-6	Existing
117	Gir Somnath	Talala	66kV Bhojde (Sasan)	30	132KV Talala	Junagadh	66			Talala-2	Planned
118	Chhotaudepur	Pavi jetpur	66kV Ghata (Kundal)	30	132KV Zoz	Jambuva	66			Zoz-2	Planned
119	Mehsana	Mehsana	66KV Aakhaj	30	220kv Mitha	Himmatnagar	66	23.49196	72.45554	Mitha-6	Existing
120	Kheda	Kathlal	66KV Abhripur	30	220kv Kapadwanj	Nadiad	66	22.90032	72.99116	Kapadwanj-6	Existing
121	Navsari	Navsari	66KV Abrama	30	220kv Navsari	Navsari	66	20.85254	72.89341	Navsari-2	Existing
122	Gandhinagar	Gandhinagar	66KV Adalaj	60	132kv Sabarmati	Mehsana	66	23.16821	72.57411	Sabarmati-2	Existing
123	Gir-Somnath	Veraval	66KV Adri	30	132kv Talala	Junagadh	66	20.97057	70.30382	Talala-2	Existing
124	Gir-Somnath	Kodinar	66KV Advi	25	220kv Timbdi	Junagadh	66	20.81156	70.82816	Timbdi-7	Existing
125	Surat	Bardoli	66KV Afwa	30	220kv Mota	Navsari	66	21.10716	73.15044	Mota-2	Existing
126	Dang	Ahwa	66KV Ahwa	30	220kv Ambheta	Navsari	66	20.75873	73.67966	Ambheta-2	Existing
127	Junagadh	Keshod	66KV Ajab	15	220kv Keshod	Junagadh	66	21.25977	70.36091	Keshod-3	Existing
128	Rajkot	Paddhari	66KV Aji Dahisarda	30	400kv Hadala	Gondal	66	21.80221	70.18414	Hadala-4	Existing
129	Kheda	Nadiad	66KV Akhdol	30	220kv Karamsad	Nadiad	66	22.6226	72.84189	Karamsad-4	Existing
130	Kheda	Mahemdabad	66KV Aklacha	30	220kv Kapadwanj	Nadiad	66	22.86945	72.85319	Kapadwanj-6	Existing
131	Aravalli	Dhansura	66KV Akrund	15	220kv Dhansura	Himmatnagar	66	23.28159	73.14845	Dhansura-2	Existing



**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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132	Gir-Somnath	Kodinar	66KV Alidar	20	220kV Timbdi	Junagadh	66	20.90283	70.84807	Timbdi-11	Existing
133	Kheda	Mahudha	66KV Alina	30	132kV Mahemdabad	Nadiad	66	22.78761	73.04736	Mahemdabad-4	Existing
134	Vadodara	Savli	66KV Alindra	30	132kV Manjusar	Jambuva	66	22.44911	73.22888	Manjusar-2	Existing
135			66kV Alindra (Pansora)	30	132kV Nadiad	Nadiad	66			Nadiad-2	Existing
136	Narmada	Garudeshwar	66KV Amadala	50	132kV Tilakwada	Jambuva	66	21.91202	73.72144	Tilakwada-3	Existing
137	Junagadh	Malia	66KV Amarapur	15	220kV Keshod	Junagadh	66	21.17599	70.41596	Keshod-4	Existing
138	Valsad	Pardi	66KV Ambach	30	220kV Vapi	Navsari	66	20.40323	72.99016	Vapi-2	Existing
139	Gir-Somnath	Talala	66KV Ambadash	25	220kV Timbdi	Junagadh	66	21.05508	70.53178	Timbdi-8	Existing
140	Aravalli	Bayad	66KV Ambaliyara	15	220kV Dhansura	Himmatnagar	66	23.21117	73.0456	Dhansura-2	Existing
141	Valsad	Dharampur	66kV Ambatalat (Bopi) (Hanmatmal)	50	220KV Chikhli	Navsari	66			Ambheta-2	Planned
142	Ahmedabad	Dascroi	66kV Ambli	60	220KV Santej	Nadiad	66			Vadavi-2	Planned
143	Banaskantha	Amirgadh	66KV Amirgadh	30	220kV Palanpur	Palanpur	66	24.4103	72.65981	Palanpur-2	Existing
144	Narmada	Nandod	66KV Amletha	25	220kV Achhalia	Bharuch	66	21.80242	73.42444	Achhalia-4	Existing
145	Morbi	Morbi	66KV Amreli road	30	220kV Morbi	Gondal	66	22.84866	70.81014	Morbi-7	Existing
146	Kheda	Kathlal	66KV Anara	50	220kV Kapadwanj	Nadiad	66	22.90285	73.05961	Kapadwanj-7	Existing
147	Surat	Mahuva	66KV Anaval	30	220kV Ambheta	Navsari	66	20.83389	73.25866	Ambheta-3	Existing
148	Morbi	Morbi	66KV Andarana	40	220kV Kangasiyali	Gondal	66	22.8876	71.002	Kangasiyali-1	Existing
149	Banaskantha	Kankrej	66KV Anganwada	15	132kV Patan	Mehsana	66	23.96582	71.92899	Patan-4	Existing
150	Vadodara	Savli	66KV Ankaliya	30	220kV Chandrapura	Jambuva	66	22.5997	73.38918	Chandrapura-5	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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151	Anand	Anklav	66KV Anklav	30	220kV Karamsad	Nadiad	66	22.37332	72.99451	Karamsad-5	Existing
152	Bharuch	Ankleshwar	66kV Ankleshwar GIDC-C	30	132kV Ankleshwar	Bharuch	66			Ankleshwar-3	Planned
153	Bharuch	Ankleshwar	66KV Ankleshwar(U)	30	132kV Ankleshwar	Bharuch	66	21.63118	72.96087	Ankleshwar-3	Existing
154	Gir-Somnath	Talala	66KV Ankolwadi	20	220kV Timbdi	Junagadh	66	21.04188	70.67188	Timbdi-10	Existing
155	Tapi	Dolvan	66kV Antapur	30	220KV Virpore	Navsari	66			Virpore-3	Planned
156	Kheda	Kathlal	66KV Apruji	30	220kV Khanpur	Nadiad	66	23.05001	72.9122	Khanpur-4	Existing
157	Rajkot	Jetpur	66KV Arabtimbdi	15	400kV Jetpur	Junagadh	66	21.66166	70.58501	Jetpur-4	Existing
158	Surat	Mangrol(s)	66KV Areth	50	220kV Kim	Bharuch	66	21.3177	73.13802	Kim-5	Existing
159	Gir-Somnath	Kodinar	66KV Arnej	15	220kV Timbdi	Junagadh	66	20.89014	70.73119	Timbdi-3	Existing
160	Banaskantha	Kankrej	66KV Arniwada	25	220kV Deodar	Palanpur	66	24.12108	72.01765	Deodar-10	Existing
161	Banaskantha	Deesa	66KV Aseda	30	220kV Jangral	Palanpur	66	24.16651	72.1798	Jangral-3	Existing
162	Mehsana	Becharaji	66KV Asjol	20	220kV Mitha	Mehsana	66	23.5589	72.36134	Mitha-2	Existing
163	B.K	Palanpur	66KV Asmapura	30	220kV Palanpur	Palanpur	66	24.14005	72.53691	Palanpur-3	Existing
164	Valsad	Kaprada	66KV Astol	30	220kV Vapi	Navsari	66	20.25857	73.16959	Vapi-2	Existing
165	Valsad	Valsad	66KV Atakpardi	50	220kV Atul	Navsari	66	20.58709	72.96301	Atul-3	Existing
166	Kheda	Kapadvanj	66KV Attarsumba	30	220kV Kapadvanj	Nadiad	66	23.04732	72.97678	Kapadvanj-4	Existing
167	Bharuch	Zagadia	66KV Avidha	30	220kV Achhalia	Bharuch	66	21.7658	73.1873	Achhalia-2	Existing
168	Sabarkantha	Idar	66KV Badoli	30	220kV Bhutiya	Himmatnagar	66	23.82355	73.08369	Bhutiya-7	Existing
169	Gandhinagar	Dehgam	66KV Bahial	60	220kV Khanpur	Nadiad	66	23.06963	72.87797	Khanpur-2	Existing
170	Gandhinagar	Dehgam	66KV Bahial	30	220kV Khanpur	Nadiad	66	23.06963	72.87797	Khanpur-6	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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171	Mahisagar	Khanpur	66KV Bakor	30	220kV Savdasnamuvada	Jambuva	66	23.35074	73.62027	Savdasnamuvada-3	Existing
172	Narmada	Dediapada	66KV Bal	30	132kV Valia	Bharuch	66	21.68288	73.69331	Valia-4	Existing
173	Patan	Patan	66KV Balisana	15	220kV Sankhari	Mehsana	66	23.82308	72.26234	Sankhari-4	Existing
174	Banaskantha	Bhabhar	66KV Balodhan	15	220kV Tharad	Palanpur	66	24.15183	71.61717	Tharad-2	Existing
175	Banaskantha	Deesa	66KV Balodhar	30	132kV Deesa	Palanpur	66	24.23646	71.9928	Deesa-2	Existing
176	Mehsana	Mehsana	66KV Balol	25	220kV Mitha	Mehsana	66	23.51697	72.24681	Mitha-3	Existing
177	Navsari	Chikhali	66KV Balwada	50	220kV Ambheta	Navsari	66	20.71747	73.01685	Ambheta-4	Existing
178	Anand	Anklav	66KV Bamangam	30	220KV Karamsad	Nadiad	66			Karamsad-5	Planned
179	Junagadh	Keshod	66KV Bamnasa	25	220kV Shapur	Junagadh	66	21.38029	70.16195	Shapur-7	Existing
180	Surat	Mahuva	66KV Bamniya	50	220kV Mota	Navsari	66	20.93586	73.18247	Mota-3	Existing
181	Patan	Santalpur	66KV Bamroli	15	220kV Radhanpur	Palanpur	66	23.8059	71.3463	Radhanpur-4	Existing
182	Junagadh	Visavadar	66KV Baradia	15	220kV Visavadar	Junagadh	66	21.33275	70.58051	Visavadar-3	Existing
183	Surat	Umarpada	66kV Bardi (Umargot)	30	132KV Valia	Bharuch	66			Valia-4	Planned
184	Surat	Bardoli	66KV Bardoli	50	220kV Mota	Navsari	66	21.11542	73.10313	Mota-2	Existing
185	Rajkot	Jasdan	66KV Barwala (Bhesan)	30	220kV Visavadar	Gondal	66	22.12357	71.16422	Visavadar-9	Existing
186	Banaskantha	Palanpur	66KV Basu	30	132kV Siddhpur	Palanpur	66	24.05882	72.31264	Siddhpur-2	Existing
187	Mahisagar	Santrampur	66kV Batakawada / Khedapa	30	220KV Savdasna Mauda	Jambuva	66			Savdasnamuvada-2	Planned
188	Ahmedabad	Bavla	66KV Bavala	30	220kV Salejada	Nadiad	66	22.83044	72.37102	Salejada-3	Existing
189	Surat	Mandvi(s)	66KV Beddha	30	220kV Ukai Hydro	Bharuch	66	21.29577	73.36888	Ukai Hydro-3	Existing

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190	Jamnagar	Jamnagar	66KV Bedeshwar	30	132kV Naghedi	Jamnagar	66	22.48246	70.04397	Naghedi-4	Existing
191	Tapi	Vyara	66kV Bedkuwadur	25	220KV Virpore	Navsari	66			Virpore-2	Planned
192	Banaskantha	Bhabhar	66KV Bhabhar	15	220kV Tharad	Palanpur	66	24.06052	71.59319	Tharad-2	Existing
193	Ahmedabad	Daskroi	66KV Bhadaj	60	400kV Vadavi	Nadiad	66	23.09746	72.48676	Vadavi-2	Existing
194	Anand	Borsad	66KV Bhadaran (Vachhiyel)(Sisva)	50	220KV Mogar	Nadiad	66			Mogar-1	Planned
195	Amreli	Dhari	66KV Bhader	30	220kV Visavadar	Amreli	66	21.36925	70.92872	Visavadar-5	Existing
196	Bhavnagar	Ghogha	66KV Bhadi	15	220kV Vartej	Amreli	66	21.60438	72.13384	Vartej-3	Existing
197	Banaskantha	Dantiwada	66KV Bhadlikotha	30	400kV Zerda (Kansari)	Palanpur	66	24.36723	72.26868	Zerda-7	Existing
198	Kheda	Kapadvanj	66KV Bhailakui [Hamirpura]	30	220kV Kapadvanj	Nadiad	66	23.06626	72.99896	Kapadvanj-4	Existing
199	Banaskantha	Dantiwada	66KV Bhakhar	30	220kV Palanpur	Palanpur	66	24.27349	72.28244	Palanpur-7	Existing
200	Mehsana	Visnagar	66KV Bhalak	30	132kV Visnagar	Himmatnagar	66	23.69802	72.63399	Visnagar-2	Existing
201	Anand	Umreth	66KV Bhalej	30	132kV Ode	Nadiad	66	22.64066	73.03931	Ode-4	Existing
202	Morbi	Halvad	66KV Bhalgamda	30	220kV Halvad	Surendranagar	66	22.90121	71.19211	Halvad-4	Existing
203	Mehsana	Visnagar	66KV Bhandu	30	220kV Mehsana	Mehsana	66	23.69758	72.38546	Mehsana-5	Existing
204	Junagadh	Malia	66KV Bhanduri	10	220kV Keshod	Junagadh	66	21.09463	70.27499	Keshod-5	Existing
205	Morbi	Morbi	66KV Bharatnagar	50	220kV Morbi	Gondal	66	22.85588	70.85474	Morbi-5	Existing
206	Junagadh	Mangrol	66kV Bhatgam	30	220KV Keshod	Junagadh	66			Keshod-6	Planned
207	Surat	Choryasi	66KV Bhatia	50	220kV Popda	Navsari	66	21.08806	72.92528	Popda-1	Existing

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208	Aravalli	Meghraj	66KV Bhatkota	20	220kV Faredi	Himmatnagar	66	23.55345	73.45826	Faredi-4	Existing
209	Chhota-Udaipur	Sankheda	66KV Bhatpur	10	220kV Kawant	Jambuva	66	22.13289	73.65755	Kawan-3	Existing
210	Junagadh	Keshod	66KV Bhatsimaroli	30	220kV Keshod	Junagadh	66	21.21545	70.17499	Keshod-6	Existing
211	Banaskantha	Amirgadh	66KV Bhayala	30	220kV Palanpur	Palanpur	66	24.29919	72.71017	Palanpur-3	Existing
212	Vadodara	Vadodara	66KV Bhayli	50	220kV Gotri	Jambuva	66	22.28759	73.11974	Gotri-3	Existing
213	Chhota-Udaipur	Kawant	66KV Bhekhadiya	30	220kV Kawant	Jambuva	66	22.11102	73.9228	Kawan-2	Existing
214	Surat	Choryasi	66KV Bhestan(B)	50	132kV Bhestan	Navsari	66	21.13856	72.84768	Bhestan-3	Existing
215	Aravalli	Bhiloda	66KV Bhetali	15	220kV Bhutiya	Himmatnagar	66	23.73703	73.2981	Bhutiya-2	Existing
216	Gir-Somnath	Veraval	66KV Bhetali	25	220kV Timbdi	Junagadh	66	20.96379	70.54641	Timbdi-8	Existing
217	Valsad	Umbergaon	66KV Bhilad	50	220kV Bhilad	Navsari	66	20.27018	72.90298	Bhilad-2	Existing
218	Aravalli	Bhiloda	66KV Bhiloda	30	220kV Bhutiya	Himmatnagar	66	23.76797	73.2404	Bhutiya-3	Existing
219	Tapi	Valod	66KV Bhimpore	30	220kV Mota	Navsari	66	21.01173	73.2591	Mota-3	Existing
220	Surat	Surat	66KV Bhimrad	40	220kV Talangpore	Navsari	66	21.13131	72.80524	Talangpore-7	Existing
221	Navsari	Vansda	66KV Bhinar	30	220kV Ambheta	Navsari	66	20.82417	73.34381	Ambheta-3	Existing
222	Panchmahal	Ghoghamba	66KV Bhukhi	30	220kV Godhra	Jambuva	66	22.62846	73.59019	Godhra-2	Existing
223	Bhavnagar	Ghogha	66KV Bhumbhali	15	220kV Vartej	Amreli	66	21.67478	72.24098	Vartej-3	Existing
224	Junagadh	Visavadar	66KV Bhutdi	45	220kV Visavadar	Junagadh	66	21.36573	70.78012	Visavadar-7	Existing
225	Banaskantha	Palanpur	66KV Bhutedi	25	220kV Palanpur	Palanpur	66	24.26893	72.38675	Palanpur-8	Existing
226	Kheda	Kapadwanj	66KV Bhutiya	15	220kV Kapadwanj	Nadiad	66	23.04252	73.25133	Kapadwanj-8	Existing
227	Kheda	Kheda	66KV Bidaj	40	220kV Barejadi	Nadiad	66	22.85139	72.61495	Barejadi-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 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.
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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
228	Junagadh	Junagadh	66KV Bilkha	30	132kV Junagadh	Junagadh	66	21.43496	70.59287	Junagadh-2	Existing
229	Bharuch	Netrang	66KV Bitada	30	132kV Valia	Bharuch	66	21.71241	73.47794	Valia-4	Existing
230	Ahmedabad	Sanand	66KV Bol	30	220kV Salejada	Surendranagar	66	22.99807	72.26722	Salejada-3	Existing
231	Ahmedabad	Sanand	66KV Bol(II)	30	220kV Salejada	Surendranagar	66	23.02045	72.28332	Salejada-3	Existing
232	Bharuch	Bharuch	66KV Bori (Hingalla)	30	220kV Haldarwa	Bharuch	66	21.48619	73.00226	Haldarwa-4	Existing
233	Tapi	Kukarmunda	66KV Borikuva	30	220kV Ukai Hydro	Navsari	66	21.54756	74.02188	Ukai Hydro-1	Existing
234	Tapi	Vyara	66KV Borkhadi	30	220kV Mota	Navsari	66	21.67944	73.90538	Mota-2	Existing
235	Gandhinagar	Mansa	66KV Boru	30	220kV Jamla	Himmatnagar	66	23.42893	72.56654	Jamla-5	Existing
236	Junagadh	Malia	66KV Budhecha	30	220kV Keshod	Junagadh	66	21.09944	70.21037	Keshod-8	Existing
237	Navsari	Navsari	66KV Butlav	50	220kV Ambheta	Navsari	66	20.90728	73.08053	Ambheta-2	Existing
238	Banaskantha	Deodar	66KV Chalva	15	220kV Tharad	Palanpur	66	24.3017	71.7326	Tharad-3	Existing
239	Junagadh	Bhesan	66KV Chanaka	15	220kV Visavadar	Junagadh	66	21.30241	70.44283	Visavadar-2	Existing
240	Patan	Chanasma	66KV Chanasma	50	220kV Sankhari	Mehsana	66	23.72176	72.10662	Sankhari-2	Existing
241	Ahmedabad	Dholka	66KV Chandisar	30	220kV Salejada	Nadiad	66	22.79467	72.47907	Salejada-7	Existing
242	Banaskantha	Palanpur	66KV Chandisar	30	220kV Palanpur	Palanpur	66	24.22223	72.3053	Palanpur-7	Existing
243	Gir-Somnath	veraval	66KV Chandkhatal	30	132kV Talala	Junagadh	66	20.94087	70.41133	Talala-2	Existing
244	Vadodara	Dabhoi	66KV Chandod	25	132kV Tilakwada	Jambuva	66	21.99837	73.44742	Tilakwada-5	Existing
245	Valsad	Vapi	66KV Chandor	40	220kV Vapi	Navsari	66	20.34494	72.90403	Vapi-3	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kv)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
246	Panchmahal	Morva Hadaf	66KV Chandpur	30	220kv Godhra	Jambuva	66	22.91414	73.46664	Godhra-4	Existing
247	Aravalli	Modasa	66KV Chandtekri	20	220kv Faredi	Himmatnagar	66	23.25543	73.1706	Faredi-3	Existing
248	Anand	Petlad	66KV Changa	30	220kv Karamsad	Nadiad	66	22.59795	72.81683	Karamsad-4	Existing
249	Ahmedabad	Sanand	66KV Changodar	30	220kv Bhat	Nadiad	66	22.91891	72.44109	Bhat-4	Existing
250	Morbi	Halvad	66KV Charadva	30	220kv Charadava	Surendranagar	66	22.91646	71.0188	Charadava-2	Existing
251	Jamnagar	Jamnagar	66KV Chella	30	220kv Jamnagar	Jamnagar	66	22.37614	70.05051	Jamnagar-2	Existing
252	Gandhinagar	Gandhinagar	66KV Chhala	30	220kv Khanpur	Nadiad	66	23.30978	72.78222	Khanpur-2	Existing
253	Vadodara	Vadodara	66KV Chhani A	50	400kv Asoj	Jambuva	66	22.35491	73.16926	Asoj-4	Existing
254	Dahod	Singvad	66KV Chhaparvad	30	132KV Limkheda	Jambuva	66			Limkheda-2	Planned
255	Navsari	Gandevi	66KV Chhaper	30	220kv Navsari	Navsari	66	20.79276	72.93395	Navsari-2	Existing
256	Banaskantha	Vadgam	66KV Chhapi	30	132kv Siddhpur	Mehsana	66	24.02903	72.39007	Siddhpur-3	Existing
257	Ahmedabad	Sanand	66KV Chharodi	30	220kv Viramgam	Surendranagar	66	23.03952	72.26324	Viramgam-3	Existing
258	Junagadh	Bhesan	66KV Chhodavadi	25	132kv Junagadh	Junagadh	66	21.51234	70.65672	Junagadh-2	Existing
259	Narmada	Dediapada	66KV Chikda	30	132kv Valia	Bharuch	66	21.5077	73.64669	Valia-4	Existing
260	Tapi	Vyara	66KV Chikhalvav	25	220kv Virpore	Navsari	66	21.15964	73.38036	Virpore-2	Existing
261	Tapi	Songadh	66KV Chikhlibhesrot	30	220kv Ukai Hydro	Navsari	66	21.20612	73.43193	Ukai Hydro-3	Existing
262	Anand	Anand	66KV Chikhodra	30	220KV Mogar	Nadiad	66			Mogar-2	Planned
263	Jamnagar	Jamnagar	66KV Chikuwadi	30	132kv Naghedi	Jamnagar	66	22.45703	70.10502	Naghedi-4	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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264	Surat	Umarpada	66KV Chimipatal	30	132kv Valia	Bharuch	66	21.4493	73.6035	Valia-4	Existing
265	Bhavnagar	Bhavnagar	66KV Chitra	30	220kv Vartej	Amreli	66	21.76139	72.09013	Vartej-4	Existing
266	Sabarkantha	Idar	66KV Chitroda	30	220kv Bhutiya	Himmatnagar	66	23.74996	73.0807	Bhutiya-7	Existing
267	Junagadh	Junagadh	66KV Choki	40	220kv Shapur	Junagadh	66	21.65276	70.53079	Shapur-2	Existing
268	Sabarkantha	Vadali	66KV Choriwad	30	220kv Bhutiya	Himmatnagar	66	23.89456	73.12065	Bhutiya-6	Existing
269	Junagadh	Mangrol	66KV Chotli vidi	30	220kv Keshod	Junagadh	66	21.14113	70.2252	Keshod-8	Existing
270	Junagadh	Bhesan	66KV Chuda	15	220kv Visavadar	Junagadh	66	21.355	70.4851	Visavadar-2	Existing
271	Junagadh	Malia	66KV Chuldi	10	220kv Keshod	Junagadh	66	21.06395	70.38256	Keshod-5	Existing
272	Tapi	Dolvan	66KV Chunavadi	30	220kv Ambheta	Navsari	66	20.82517	73.43525	Ambheta-2	Existing
273	Dahod	Devgadhbaria	66KV D Bariya	30	132kv Limkheda	Jambuva	66	22.71261	73.91168	Limkheda-2	Existing
274	Kheda	Nadiad	66KV Dabhan	30	132kv Nadiad	Nadiad	66	22.70902	72.83441	Nadiad-3	Existing
275	Mehsana	Visnagar	66kv Dadhiyal	30	220KV Vijapur	Mehsana	66			Vijapur-3	Planned
276	Bharuch	Vagra	66KV Dahej	40	220kv Dahej	Bharuch	66	21.71792	72.58897	Dahhej-2	Existing
277	Bharuch	Valia	66KV Daheli	30	132kv Valia	Bharuch	66	21.5593	73.22553	Valia-3	Existing
278	Patan	Santalpur	66KV Dahsiar	15	220kv Radhanpur	Palanpur	66	23.9314	71.5177	Radhanpur-4	Existing
279	Sabarkantha	Talod	66KV Dalani Muvadi	40	132kv Talod	Himmatnagar	66	23.34931	72.88012	Talod-2	Existing
280	Sabarkantha	Himatnagar	66KV Dalspur	30	220kv Agiyol	Himmatnagar	66	23.51513	72.91608	Agiyol-5	Existing
281	Banaskantha	Deesa	66KV Dama	30	400kv Zerda (Kansari)	Palanpur	66	24.30215	72.07912	Zerda-6	Existing
282	Navsari	Jalalpore	66KV Dandi(SG)	30	220kv Navsari	Navsari	66	20.88776	72.80016	Navsari-3	Existing
283	Sabarkantha	Vijaynagar	66KV Dantod	30	220kv Bhutiya	Himmatnagar	66	23.90555	73.33692	Bhutiya-3	Existing



**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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284	Bharuch	Hansot	66KV Dantrai (Vadhvan-Kathpore)	30	132KV Ankleshwar	Bharuch	66			Ankleshwar-3	Planned
285	Mehsana	Unjha	66KV Dasaj	25	220kV Kheralu	Mehsana	66	23.83602	72.44598	Kheralu-5	Existing
286	Bharuch	Netrang	66KV Dattanagar	50	132kV Valia	Bharuch	66	21.62217	73.32385	Valia-4	Existing
287	Mahisagar	Virpur	66KV Debhari	25	220kV Savdasnamuvada	Himmatnagar	66	23.23817	73.50336	Savdasnamuvada-4	Existing
288	Sabarkantha	Himatnagar	66KV Dedhrota	25	220kV Agiyol	Himmatnagar	66	23.61287	72.85732	Agiyol-2	Existing
289	Narmada	Dediapada	66KV Dediapada	30	132kV Valia	Bharuch	66	21.62386	73.58579	Valia-4	Existing
290	Tapi	Valod	66KV Degama	25	220kV Virpore	Navsari	66	21.08585	73.32087	Virpore-2	Existing
291	Banaskantha	Tharad	66KV Del	15	220kV Tharad	Palanpur	66	24.31636	71.65617	Tharad-3	Existing
292	Surat	Choryasi	66KV Deladwa	40	400kV Vav	Navsari	66	21.08331	72.88329	Vav-6	Existing
293	Aravalli	Bayad	66KV Demai	25	220kV Dhansura	Nadiad	66	23.16594	73.21826	Dhansura-3	Existing
294	Sabarkantha	Himatnagar	66KV Derol	25	220kV Vijapur	Himmatnagar	66	23.5871	72.8505	Vijapur-5	Existing
295	Bhavnagar	Bhavnagar	66KV Desainagar	30	220kV Vartej	Amreli	66	21.75077	72.10446	Vartej-5	Existing
296	Rajkot	Jetpur	66KV Devkigalol	10	400kV Jetpur	Junagadh	66	21.63228	70.70093	Jetpur-6	Existing
297	Gir-Somnath	Kodinar	66KV Devli	25	220kV Timbdi	Junagadh	66	20.7971	70.74616	Timbdi-7	Existing
298	Ahmedabad	Daskroi	66KV Dhamatvan	30	220kV Barejadi	Nadiad	66	22.96583	72.96583	Barejadi-3	Existing
299	Navsari	Gandevi	66kV Dhanori (Khapariya)	30	220KV Navsari	Navsari	66			Navsari-2	Planned
300	Gandhinagar	Kalol	66KV Dhanot	30	220kV Chhatral	Mehsana	66	23.28184	72.42133	Chhatral-5	Existing
301	Bharuch	Hansot	66KV Dhantrai	30	400kV Kosamba	Bharuch	66			Kosamba-3	Existing
302	Valsad	Dharampur	66KV Dharampur	50	220kV Atul	Navsari	66	20.54139	73.1353	Atul-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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303	Rajkot	Jetpur	66KV Dhareshwar	30	400kV Jetpur	Junagadh	66	21.78056	70.63889	Jetpur-2	Existing
304	Junagadh	Bhesan	66KV Dhari gundali	15	220kV Visavadar	Junagadh	66	21.53243	70.79383	Visavadar-2	Existing
305	Mehsana	Satlasana	66KV Dharoi	25	220kV Kheralu	Mehsana	66	24.00024	72.83194	Kheralu-3	Existing
306	Bharuch	Zagadia	66KV Dharoli	50	132kV Valia	Bharuch	66	21.6177	73.22788	Valia-2	Existing
307	Patan	Saraswati	66KV Dharusan	30	220kV Jangral	Palanpur	66	24.01913	72.07756	Jangral-6	Existing
308	Gir-Somnath	Talala	66KV Dhava	20	220kV Timbdi	Junagadh	66	21.06792	70.60457	Timbdi-10	Existing
309	Morbi	Halvad	66KV Dhavana	25	220kV Halvad	Surendranagar	66	22.94265	71.26188	Halvad-2	Existing
310	Junagadh	Visavadar	66KV Dhebar	50	220kV Visavadar	Junagadh	66	21.41353	70.7819	Visavadar-8	Existing
311	Jamnagar	Jamnagar	66KV Dhichda	30	132kV Naghedi	Jamnagar	66	22.49403	70.02396	Naghedi-2	Existing
312	Patan	Chanasma	66KV Dhinoj	25	220kV Mehsana	Mehsana	66	23.66247	72.28281	Mehsana-2	Existing
313	Panchmahal	Godhra	66KV Dholi (Bodidra Bujarge)	30	220KV Godhra	Jambuva	66			Godhra-6	Planned
314	Ahmedabad	Dholka	66KV Dholka GIDC	30	220kV Salejada	Nadiad	66	22.72041	72.46798	Salejada-6	Existing
315	Morbi	Wankaner	66KV Dhuva	40	220kV Wankaner	Gondal	66	22.72233	70.94606	Wankaner-3	Existing
316	Surat	Choryasi	66kV Diamond Park	50	220KV Sachin (Talangpore)	Navsari	66			Talangpur-9	Planned
317	Mahisagar	Kadana	66KV Ditvas	30	220kV Savdasnamuvada	Jambuva	66	23.42961	73.77614	Savdasnamuvada-3	Existing
318	Tapi	Vyara	66KV Dolvan	30	220kV Virpore	Navsari	66	20.8947	73.3249	Virpore-3	Existing
319	Banaskantha	Deodar	66KV Duchakwada	25	220kV Deodar	Palanpur	66	24.19397	71.80286	Deodar-8	Existing
320	Banaskantha	Tharad	66KV Dudhava	10	220kV Tharad	Palanpur	66	24.48503	71.67629	Tharad-6	Existing

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321	Dahod	Limkheda	66KV Dudhiya (Moti Vav) (Dhanpur Patiya)	30	132KV Limkheda	Jambuva	66			Limkheda-2	Planned
322	Aravalli	Modasa	66KV Dugharvada	20	220kV Faredi	Himmatnagar	66	23.43808	73.31002	Faredi-3	Existing
323	Surat	Surat	66KV Dumas	40	220kV Talangpore	Navsari	66	21.13278	72.72389	Talangpore-7	Existing
324	Banaskantha	Vadgam	66kV Edrana	30	132KV Siddhpur	Palanpur	66			Siddhpur-3	Planned
325	Navsari	Navsari	66KV Eroo	50	220kV Navsari	Navsari	66	20.93191	72.93061	Navsari-3	Existing
326	Surat	Palsana	66KV Erthan	50	220kV Talangpore	Navsari	66	21.11253	72.95729	Talangpore-2	Existing
327	Rajkot	Jasdan	66KV Faldung	15	132kV Vikram	Gondal	66	22.25264	71.01112	Vikram-3	Existing
328	Dahod	Devgadhbaria	66KV Fangiya	30	132kV Limkheda	Jambuva	66	22.58204	73.91471	Limkheda-2	Existing
329	Banaskantha	Palanpur	66KV Gadalwada	25	220kV Palanpur	Palanpur	66	24.12634	72.343	Palanpur-6	Existing
330	Navsari	Gandevi	66KV Gadat	30	220kV Navsari	Navsari	66	20.85931	72.99584	Navsari-2	Existing
331	Sabarkantha	Himatnagar	66KV Gadhoda	25	220kV Agiyol	Himmatnagar	66	23.54023	72.96756	Agiyol-6	Existing
332	Kheda	Mehemdabad	66kV Gadva (Samaspur) (Gothaj)	30	132KV Mahemdabad	Nadiad	66			Mahemdabad-4	Planned
333	Tapi	Vyara	66KV Galkuva	30	220kV Virpore	Navsari	66	21.06931	73.48465	Virpore-3	Existing
334	Sabarkantha	Himatnagar	66KV Gambhoi	25	220kV Agiyol	Himmatnagar	66	23.60148	73.09399	Agiyol-8	Existing
335	Tapi	Nizar	66KV Gamdi	30	220kV Ukai Hydro	Navsari	66	0	0	Ukai Hydro-2	Existing
336	Morbi	Wankaner	66KV Gangiyavadar	50	132kV Vaghasiya	Gondal	66	22.62465	71.07356	Vaghasiya-2	Existing
337	Banaskantha	Dantiwada	66KV Ganguwada	15	400kV Zerda (Kansari)	Palanpur	66	24.46292	72.40562	Zerda-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

**Note:**

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
338	Narmada	Garudeshwar	66KV Garudeshwar	50	132kV Tilakwada	Jambuva	66	21.89391	73.66273	Tilakwada-3	Existing
339	Banaskantha	Deesa	66KV Ghada	30	400kV Zerda (Kansari)	Palanpur	66	24.38703	72.23913	Zerda-7	Existing
340	Morbi	Halvad	66KV Ghanshyamgadhd	10	400kV Mansar	Surendranagar	66	23.06942	71.15817	Mansar-2	Existing
341	Morbi	Halvad	66KV Ghanshyamgadhd	25	220kV Halvad	Surendranagar	66	23.06942	71.15817	Halvad-6	Existing
342	Rajkot	Rajkot	66KV Ghanteshwar	60	220kV Nyara	Gondal	66	22.31701	70.75774	Nyara-3	Existing
343	Gir-Somnath	Kodinar	66KV Ghantwad	20	220kV Timbdi	Junagadh	66	20.93477	70.76308	Timbdi-11	Existing
344	Dahod	Zalod	66kV Ghodiya (Gamdi )	30	220KV Savdasna Mauda	Jambuva	66			Savdasnamauda-2	Planned
345	Panchmahal	Ghoghamba	66KV Ghoghamba	30	220kV Chandrapura	Jambuva	66	22.56874	73.63019	Chandrapura-2	Existing
346	Morbi	Morbi	66KV Ghuntu	25	220kV Morbi	Gondal	66	22.84233	70.87096	Morbi-4	Existing
347	Gir-Somnath	Talala	66KV Ghusia	30	132kV Talala	Junagadh	66	21.01538	70.48245	Talala-2	Existing
348	Banaskantha	Vadgam	66KV Gidasan	25	220kV Palanpur	Mehsana	66	23.99782	72.48812	Palanpur-5	Existing
349	Gandhinagar	Kalol	66KV GIDC Chhatral	60	220kV Chhatral	Mehsana	66	23.29019	72.44967	Chhatral-2	Existing
350	Surat	Mandvi	66kV Godawadi (Unn)	50	220KV Mota (Bardoli)	Bharuch	66			Mota-7	Planned
351	Tapi	Valod	66kV Godadha	30	220KV Mota (Bardoli)	Navsari	66			Mota-2	Existing
352	Ahmedabad	Ahmedabad	66KV Godrej city	60	132kV Sabarmati	Nadiad	66	23.11725	72.55939	Sabarmati-3	Existing
353	Navsari		66KV Godthal	30	220kV Ambheta	Navsari	66	20.69	73.19	Ambheta-3	Existing
354	Panchmahal	Shehera	66KV Gokalpura	25	220kV Godhra	Jambuva	66	22.90743	73.44695	Godhra-5	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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355	Panchmahal	Godhra	66KV Gollav	30	220kV Chandrapura	Jambuva	66	22.70146	73.80872	Chandrapura-2	Existing
356	Sabarkantha	Vijaynagar	66KV Golvada (Toldungari)	30	220KV Bhutiya	Himatnagar	66			Bhutiya-6	Planned
357	Sabarkantha	Khedbrahma	66KV Golwada	25	220kV Bhutiya	Himmatnagar	66	24.28248	73.05392	Bhutiya-4	Existing
358	Anand	Anand	66KV Gopalpura	30	220kV Karamsad	Nadiad	66	22.51732	72.99102	Karamsad-2	Existing
359	Surat	Mahuva	66KV Gopla	50	220kV Mota	Navsari	66	20.94444	73.10961	Mota-3	Existing
360	Banaskantha	Danta	66KV Gorad	25	220kV Kheralu	Mehsana	66	24.14306	72.85732	Kheralu-3	Existing
361	Mehsana	Visnagar	66KV Gothava	30	132kV Visnagar	Himmatnagar	66	23.64581	72.61216	Visnagar-3	Existing
362	Vadodara	Vadodara	66KV Gotri(B)	60	220kV Gotri	Jambuva	66	22.31227	73.14558	Gotri-6	Existing
363	Junagadh	Visavadar	66KV Govindpara	30	220kV Visavadar	Junagadh	66	21.19187	70.47251	Visavadar-5	Existing
364	Mehsana	Mehsana	66KV Gozariya	30	220kV Jamla	Himmatnagar	66	22.08853	74.0917	Jamla-5	Existing
365	Dahod	Zalod	66KV Gultora	30	220kV Rupakheda	Jambuva	66	22.98541	74.29614	Rupakheda-3	Existing
366	Sabarkantha	Khedbrahma	66KV Gundel	25	220kV Bhutiya	Himmatnagar	66	24.08404	72.98369	Bhutiya-4	Existing
367	Surendranagar	Dhrangadhra	66KV Gurukul	25	220kV Halvad	Surendranagar	66	23.00127	71.4345	Halvad-3	Existing
368	Rajkot	Rajkot	66KV Hadmatiya	15	132kV Vikram	Gondal	66	22.21628	70.97657	Vikram-3	Existing
369	Sabarkantha	Himatnagar	66KV Hajipur	30	220kV Agiyol	Himmatnagar	66	23.53784	72.94529	Agiyol-5	Existing
370	Bharuch	Bharuch	66KV Haldarva	30	220kV Haldarwa	Bharuch	66	21.7518	73.02802	Haldarwa-7	Existing
371	Kheda	Kheda	66KV Haldarwas	30	132kV Mahemdabad	Nadiad	66	22.93832	72.85724	Mahemdabad-4	Existing
372	Gandhinagar	Dehgam	66KV Halisha	30	220kV Khanpur	Nadiad	66	23.25488	72.8013	Khanpur-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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373	Morbi	Halvad	66KV Halvad(3)	10	400kV Mansar	Surendranagar	66	23.01108	71.1339	Mansar-2	Existing
374	Jamnagar	Dhrol	66KV Hamapar	30	220kV Jamnagar	Gondal	66	22.46623	70.40212	Jamnagar-1	Existing
375	Vadodara	Karjan	66KV Handod	10	220kV Amod	Jambuva	66	22.06782	73.03752	Amod-1	Existing
376	Sabarkantha	Himatnagar	66KV Hansalpur	25	220kV Agiyol	Himmatnagar	66	23.64111	72.95278	Agiyol-2	Existing
377	Bharuch	Hansot	66KV Hansot	30	132kV Ankleshwar	Bharuch	66	21.57617	72.81265	Ankleshwar-3	Existing
378	Bharuch	Hansot	66KV Hansot	30	400kV Kosamba	Bharuch	66	21.57617	72.81265	Kosamba-3	Existing
379	Amreli	Kunkavav vadia	66KV Hanuman Khijadiya	10	400kV Jetpur	Junagadh	66	21.39363	70.46092	Jetpur-6	Existing
380	Jamnagar	Jamnagar	66KV Hapa	30	132kV Naghedi	Jamnagar	66	22.47809	70.10455	Naghedi-4	Existing
381	Sabarkantha	Talod	66KV Harsol	30	132kV Talod	Himmatnagar	66	23.37309	73.01041	Talod-4	Existing
382	Tapi	Kukarmunda	66KV Hathoda	30	220kV Ukai Hydro	Navsari	66	21.53016	74.20293	Ukai Hydro-2	Existing
383	Banaskantha	Palanpur	66KV Hebatpur	30	220kV Palanpur	Palanpur	66	24.24889	72.46648	Palanpur-2	Existing
384	Aravalli	Malpur	66KV Helodar	50	220kV Savdasnamuvada	Himmatnagar	66	23.29926	73.50647	Savdasnamuvada-5	Existing
385	Sabarkantha	Himatnagar	66KV Himatnagar(2)	25	220kV Agiyol	Himmatnagar	66	23.581	73.02425	Agiyol-8	Existing
386	Sabarkantha	Khedbrahma	66KV Hingatiya	25	220kV Bhutiya	Himmatnagar	66	24.15357	73.00652	Bhutiya-4	Existing
387	Surat	Choryasi	66KV Hira Bourase (GHB)	50	220kV Ichchhapore	Navsari	66	21.18442	72.73436	Ichchhapore-8	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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388	Rajkot	Kotda sangani	66KV Hirani	60	220kV Kangasiyali	Gondal	66	22.16238	70.78762	Kangasiyali-2	Existing
389	Ahmedabad	Daskroi	66KV Hirapur	40	220kV Barejadi	Nadiad	66	22.92241	72.70455	Barejadi-3	Existing
390	Mehsana	Vijapur	66KV Hirapur	25	220kV Vijapur	Himmatnagar	66	22.92241	72.70455	Vijapur-5	Existing
391	Ahmedabad	Sanand	66KV Hirapur (Bol GIDC Sanand II)	30	400KV Charal (Chharodi / Sanand-II)	Nadiad	66			Salejada-3	Planned
392	Junagadh	Malia	66KV Holiday camp (Prop.)	20	220kV Keshod	Junagadh	66			Keshod-10	Existing
393	Mehsana	Kadi	66KV Indrad	30	220kV Chhatral	Mehsana	66	23.31464	72.42606	Chhatral-7	Existing
394	Ahmedabad	Dholka	66KV Ingoli Road	30	220kV Salejada	Nadiad	66	22.71002	72.4417	Salejada-5	Existing
395	Junagadh	Visavadar	66KV Ishwariya	15	220kV Visavadar	Junagadh	66	21.42951	70.70018	Visavadar-2	Existing
396	Morbi	Halvad	66KV Ishwarnagar	40	400kV Mansar	Surendranagar	66	23.00711	71.20763	Mansar-3	Existing
397	Gandhinagar	Kalol	66KV Itala	30	220kV Jamla	Himmatnagar	66	23.3764	72.63268	Jamla-4	Existing
398	Junagadh	Mendarda	66KV Itali	15	220kV Visavadar	Junagadh	66	21.1811	70.3316	Visavadar-3	Existing
399	Morbi	Wankaner	66KV Jadeshwar	50	220kV Wankaner	Gondal	66	22.6476	70.84923	Wankaner-2	Existing
400	Panchmahal	Godhra	66KV Jafrabad	30	220kV Godhra	Jambuva	66	22.79153	73.63879	Godhra-4	Existing
401	Banaskantha	Palanpur	66kV Jagana	40	220KV Palanpur	Palanpur	66			Palanpur-1	Planned
402	Mehsana	Mehsana	66kV Jagudan	30	220KV Mitha	Mehsana	66			Mitha-6	Planned
403	Amreli	Lathi	66KV Jakhariya	25	400kV Amreli	Amreli	66	21.70326	71.31892	Amreli-1	Existing

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404	Ahmedabad	Viramgam	66KV Jakhwada	20	220kV Viramgam	Surendranagar	66	23.08218	72.15592	Viramgam-2	Existing
405	Banaskantha	Kankrej	66KV Jalmor	20	220kV Deodar	Palanpur	66	24.09545	71.8678	Deodar-3	Existing
406	Banaskantha	Vadgam	66KV Jalotra	30	220kV Palanpur	Palanpur	66	24.14235	72.58798	Palanpur-4	Existing
407	Dahod	Garbada	66kV Jambua	30	132KV Dahod	Jambuva	66			Dahod-2	Planned
408	Morbi	Morbi	66KV Jambudiya	40	220kV Lalpar	Gondal	66	22.78843	70.90958	Lalpar-5	Existing
409	Gir-Somnath	Kodinar	66KV Jantrakhadi	25	220kV Timbdi	Junagadh	66	20.77651	70.80388	Timbdi-7	Existing
410	Mehsana	Vijapur	66KV Jantral	15	220kV Kheralu	Himmatnagar	66	23.70192	72.71199	Kheralu-8	Existing
411	Mehsana	Vadnagar	66kV Jaska	30	132KV Siddhpur	Mehsana	66			Siddhpur-4	Planned
412	Gandhinagar	Gandhinagar	66kV Jaspur (Ganpatpura)	30	400KV Vadavi	Mehsana	66			Barejadi-3	Planned
413	Banaskantha	Dantiwada	66KV Jegol	15	400kV Zerda (Kansari)	Palanpur	66	24.4081	72.34777	Zerda-2	Existing
414	Tapi	Vyara	66KV Jesingpura	30	220kV Virpore	Navsari	66	20.99338	73.37192	Virpore-3	Existing
415	Ahmedabad	Daskroi	66KV Jetalpur	40	132kV Narol	Nadiad	66	22.88398	72.57773	Narol-2	Existing
416	Rajkot	Jetpur	66KV Jetalsar	15	400kV Jetpur	Junagadh	66	21.70928	70.58707	Jetpur-4	Existing
417	Banaskantha	Tharad	66KV Jetda	15	220kV Tharad	Palanpur	66	24.34416	71.76423	Tharad-3	Existing
418	Rajkot	Jetpur	66KV Jetpur 'B'	10	400kV Jetpur	Junagadh	66	21.7422	70.64497	Jetpur-6	Existing
419	Surat	Choryasi	66KV Jiav	40	220kV Talangpore	Navsari	66	21.11531	72.82932	Talangpore-8	Existing
420	Gandhinagar	Dehgam	66kV Jindva	30	220KV Khanpur	Himatnagar	66			Ode-4	Existing
421	Kheda	Mahemdabad	66KV Jinjer	30	132kV Mahemdabad	Nadiad	66	22.90573	72.7846	Mahemdabad-3	Existing



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422	Anand	Anand	66KV Jol	30	220kv Karamsad	Nadiad	66	22.57181	72.88553	Karamsad-2	Existing
423	Mahisagar	Balasinor	66KV Jorapura	15	220kv Kapadwanj	Nadiad	66	23.0172	73.36942	Kapadwanj-8	Existing
424	Banaskantha	Dhanera	66kv Jorapura (Dhakha)	25	220KV Thavar	Palanpur	66			Tharad-4	Planned
425	Mehsana	Jotana	66KV Jotana	15	220kv Mitha	Mehsana	66	23.47578	72.28906	Mitha-5	Existing
426	Banaskantha	Deesa	66KV Juna Deesa	30	132kv Deesa	Palanpur	66	24.20416	72.14117	Deesa-3	Existing
427	Banaskantha	Amirgadh	66KV Juni Sarotri	30	220kv Palanpur	Palanpur	66	24.36239	72.5379	Palanpur-2	Existing
428	Junagadh	Bhesan	66KV Junidhari Gundli	15	220kv Visavadar	Junagadh	66	21.53243	70.79383	Visavadar-2	Existing
429	Mehsana	Visnagar	66KV Kada	30	220kv Vijapur	Himmatnagar	66	23.63375	72.56355	Vijapur-3	Existing
430	Mahisagar	Kadana	66kv Kadana	30	220KV Savdasna	Jambuva	66			Savdasnamuvada-6	Planned
431	Junagadh	Malia	66KV Kadaya	10	220kv Keshod	Junagadh	66	21.09636	70.33128	Keshod-5	Existing
432	Gandhinagar	Dehgam	66KV Kadjodara	30	220kv Khanpur	Nadiad	66	23.16565	72.95211	Khanpur-5	Existing
433	Surat	Bardoli	66KV Kadod	30	220kv Mota	Navsari	66	21.21382	73.22659	Mota-4	Existing
434	Bharuch	Bharuch	66KV Kadod	30	220kv Haldarwa	Bharuch	66	21.21382	73.22659	Haldarwa-6	Existing
435	Surat	Palsana	66KV Kadodara	40	400kv Vav	Navsari	66	21.17527	72.95763	Vav-3	Existing
436	Amreli	Bagasara	66KV Kagdadi [Hamapur]	30	220kv Visavadar	Amreli	66	21.40778	70.97616	Visavadar-5	Existing
437	Mehsana	Unjha	66KV Kahoda	30	132kv Siddhpur	Mehsana	66	23.8934	72.43082	Siddhpur-4	Existing
438	Mahisagar	Kadana	66KV Kajli (Dodiya)	30	220kv Savdasna Muvada	Jambuva	66			Savdasnamuvada-6	Existing
439	Patan	Sidhpur	66KV Kakoshi	30	132kv Siddhpur	Mehsana	66	23.99345	72.31252	Siddhpur-2	Existing
440	Tapi	Dolvan	66KV Kalkwa	30	220kv Mota	Navsari	66	21.69306	73.59889	Mota-3	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

**Note:**

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kv)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
441	Patan	Sidhpur	66KV Kalyana	30	220kv Jangral	Mehsana	66	23.57566	72.14225	Jangral-9	Existing
442	Ahmedabad	Bavla	66KV Kalyangadh	30	220kv Salejada	Nadiad	66	22.96583	72.26778	Salejada-3	Existing
443	Mehsana	Visnagar	66KV Kamana	30	132kv Visnagar	Himmatnagar	66	23.63636	72.51669	Visnagar-4	Existing
444	Patan	Chanasma	66KV Kamboi	15	220kv Sankhari	Mehsana	66	23.68389	72.01836	Sankhari-3	Existing
445	Surat	Mandvi	66kv Kamlapor	50	220KV Mota (Bardoli)	Bharuch	66			Mota-7	Planned
446	Patan	Patan	66KV Kamliwada	30	132kv Patan	Mehsana	66	23.86496	72.23013	Patan-2	Existing
447	Surat	Kamrej	66KV Kamrej	50	220kv Kim	Navsari	66	21.28241	72.9731	Kim-2	Existing
448	Ahmedabad	Daskroi	66KV Kanabha	40	220kv Barejadi	Nadiad	66	23.00995	72.71868	Barejadi-3	Existing
449	Ahmedabad	Dascroi	66KV Kaniyal (Vadod)	30	220KV Kapadwanj	Nadiad	66			Kapadwanj-4	Planned
450	Kheda	Nadiad	66KV Kanjari	30	220kv Karamsad	Nadiad	66	22.61184	72.9173	Karamsad-4	Existing
451	Junagadh	Visavadar	66KV Kankachiyala	45	220kv Visavadar	Junagadh	66	21.37624	70.83997	Visavadar-7	Existing
452	Banaskantha	Palanpur	66KV Kanodar	25	220kv Palanpur	Palanpur	66	24.09835	72.39208	Palanpur-6	Existing
453	Patan	Saraswati	66KV Kansa	15	132kv Patan	Mehsana	66	23.92651	72.07204	Patan-4	Existing
454	Banaskantha	Deesa	66KV Kant	30	132kv Deesa	Palanpur	66	24.26014	72.24335	Deesa-4	Existing
455	Surendranagar	Dhrangadhra	66KV Kantavav	30	220kv Dhrangadhra	Surendranagar	66	23.00994	71.47837	Dhrangadhra-3	Existing
456	Dahod	Fatepura	66KV Kanthagar (Sangdapada)	30	220KV Zalod	Jambuva	66			Rupakheda-3	Planned
457	Kheda	Kapadwanj	66KV Kapadwanj	200	220kv Kapadwanj	Nadiad	220	23.00932	73.08357	Kapadwanj-220	Existing
458	Kheda	Kapadwanj	66KV Kapadwanj	70	220kv Kapadwanj	Nadiad	66	23.00932	73.08357	Kapadwanj-1	Existing
459	Valsad	Kaprada	66KV Kaprada	30	220kv Vapi	Navsari	66	20.34829	73.21583	Vapi-2	Existing
460	Bharuch	Valiya	66kv Kara	30	400KV Kosamba	Bharuch	66			Kosamba-3	Planned

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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461	Mehsana	Unjha	66KV Karali	25	220kV Kheralu	Mehsana	66	23.79812	72.48076	Kheralu-7	Existing
462	Surat	Olpad	66KV Karamala	50	220kV Ichchhapore	Navsari	66	21.3264	72.80769	Ichchhapore-5	Existing
463	Surat	Mangrol(s)	66KV Karanj	50	220kV Kim	Bharuch	66	21.36713	73.00227	Kim-5	Existing
464	Tapi	Dolvan	66KV Karanjkhed	30	220kV Virpore	Navsari	66	20.87987	73.44237	Virpore-3	Existing
465	Mehsana	Kadi	66KV Karannagar	30	220kV Chhatral	Mehsana	66	23.2862	72.38775	Chhatral-5	Existing
466			66KV Karjan	50	220kV Kim	Bharuch	66			Kim-3	Existing
467	Mehsana	Kadi	66KV Karjisan	25	220kV Jamla	Himmatnagar	66	23.57961	72.36932	Jamla-3	Existing
468	Vadodara	Padra	66KV Karkhadi	50	220kV Gavasad	Jambuva	66	22.2068	72.91882	Gavasad-2	Existing
469	Surat	Mandvi(s)	66KV Kasal	50	220kV Mota	Bharuch	66	21.28548	73.22255	Mota-7	Existing
470	Aravalli	Meghraj	66KV Kasana	20	220kV Faredi	Himmatnagar	66	23.58229	73.56369	Faredi-4	Existing
471	Vadodara	Vadodara	66KV Kashipura	30	220kV Karjan	Jambuva	66	22.12828	73.18507	Karjan-4	Existing
472	Junagadh	Manavadar	66KV Katakpara	30	220kV Shapur	Junagadh	66	21.47134	70.1993	Shapur-4	Existing
473	Dahod	Garbada	66KV Kathala	30	132kV Dahod	Jambuva	66	22.80628	74.39254	Dahod-2	Existing
474	Kheda	Kathlal	66KV Kathalal	30	220kV Kapadwanj	Nadiad	66	22.89458	72.97822	Kapadwanj-6	Existing
475	Kheda	Matar	66KV Kathoda	25	132kV Mahemdabad	Nadiad	66	22.63348	72.67208	Mahemdabad-2	Existing
476	Sabarkantha	Vijaynagar	66kV Kathroti (Vereshwar)	30	220KV Bhutiya	Himatnagar	66			Bhutiya-6	Planned
477	Ahmedabad	Dascroi	66kV kathwada-2	40	220KV Ranasan	Nadiad	66			Barejadi-3	Planned
478	Ahmedabad	Dascroi	66kV Kathwada-3 (EMRI 108)	40	220KV Ranasan	Nadiad	66			Barejadi-3	Planned
479	Tapi	Vyara	66KV Katishkuwadur	25	220kV Virpore	Navsari	66	21.18444	73.33744	Virpore-2	Existing

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480	Ahmedabad	Detroj-Rampura	66KV Katosan	15	220kV Mitha	Mehsana	66	23.40227	72.24551	Mitha-5	Existing
481	Ahmedabad	Detroj-Rampura	66KV Katosan	40	400kV Vadavi	Mehsana	66	23.40227	72.24551	Vadavi-5	Existing
482	Tapi	Songadh	66KV Kavla	30	220kV Ukai Hydro	Navsari	66	21.19242	73.49107	Ukai Hydro-4	Existing
483	Dahod	Devgadhbaria	66KV Keliya	30	132kV Limkheda	Jambuva	66	22.66727	73.99324	Limkheda-2	Existing
484	Tapi	Vyara	66KV Kelkui	30	220kV Mota	Navsari	66	21.02797	73.31558	Mota-3	Existing
485	Patan	Chanasma	66KV Keshani	30	220kV Sankhari	Mehsana	66	23.71291	72.17924	Sankhari-2	Existing
486	Junagadh	Keshod	66KV Keshod	30	220kV Keshod	Junagadh	66	21.308	70.24331	Keshod-2	Existing
487	Junagadh	Junagadh rural	66kV Khadiya	25	132KV Junagadh	Junagadh	66			Junagadh-2	Planned
488	Aravalli	Bayad	66KV Khadol	30	220kV Karamsad	Himmatnagar	66	23.3017	73.27515	Karamsad-5	Existing
489	Narmada	Dediapada	66KV Khaidipada	30	132kV Valia	Bharuch	66	21.51893	73.49167	Valia-4	Existing
490	Surat	Choryasi	66KV Khajod	40	220kV Talangpore	Navsari	66	21.11278	72.77889	Talangpore-6	Existing
491	Vadodara	Savli	66KV Khakhriya	30	220kV Chandrapura	Jambuva	66	22.54381	73.41318	Chandrapura-5	Existing
492	Vadodara	Savli	66KV Khakhriya	30	400kV Asoj	Jambuva	66	22.54381	73.41318	Asoj-2	Existing
493	Kheda	Kathlal	66KV Khalal	30	220kV Kapadwanj	Nadiad	66	22.9854	72.87526	Kapadwanj-5	Existing
494	Patan	Sidhpur	66KV Khali	30	132kV Siddhpur	Mehsana	66	23.89371	72.36053	Siddhpur-5	Existing
495	Junagadh	Visavadar	66KV Khambhaliya	10	400kV Jetpur	Junagadh	66	21.40017	70.65389	Jetpur-6	Existing
496	Junagadh	Visavadar	66KV Khambhaliya	20	220kV Visavadar	Junagadh	66	21.40017	70.65389	Visavadar-4	Existing
497	'-	'-	66KV Khandiya	30	220kV Godhra	Jambuva	66	'-	'-	Godhra-6	Existing

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498	Bhavnagar	Ghogha	66KV Kharakdi	25	220kV Vartej	Amreli	66	21.37953	72.02968	Vartej-6	Existing
499	Dahod	Dahod	66KV Kharod (chhapri)	30	132kV Dahod	Jambuva	66	22.89568	74.22629	Dahod-2	Existing
500	Surat	Choryasi	66KV Kharvasa	30	220kV Talangpore	Navsari	66	21.16534	73.10603	Talangpore-2	Existing
501	Mehsana	Kadi	66KV Khavad	30	220kV Chhatral	Surendranagar	66	23.20119	72.24693	Chhatral-6	Existing
502	Kheda	Kheda	66KV Kheda	25	132kV Mahemdabad	Nadiad	66	22.74685	72.69912	Mahemdabad-2	Existing
503	Sabarkantha	Khedbrahma	66KV Khedbrahma	25	220kV Bhutiya	Himmatnagar	66	24.02394	73.0318	Bhutiya-4	Existing
504	Aravalli	Bhiloda	66KV Kheradi	15	220kV Bhutiya	Himmatnagar	66	23.67743	73.29021	Bhutiya-2	Existing
505	Aravalli	Meghraj	66KV Kherai	20	220kV Faredi	Himmatnagar	66	23.49896	73.60491	Faredi-3	Existing
506	Mehsana	Kheralu	66KV Kheralu	30	220kV Kheralu	Mehsana	66	23.88045	72.60768	Kheralu-4	Existing
507	Rajkot	Rajkot	66KV Kherdi	50	132kV Vikram	Gondal	66	22.14316	70.54033	Vikram-2	Existing
508	Valsad	Pardi	66KV Kherlav	30	220kV Vapi	Navsari	66	20.42292	73.02054	Vapi-2	Existing
509	Junagadh	Mendarda	66KV Khimpadar	20	220kV Shapur	Junagadh	66	21.23487	70.27481	Shapur-3	Existing
510	Junagadh	Mendarda	66KV Khodiyar	20	220kV Keshod	Junagadh	66	21.28963	70.47781	Keshod-7	Existing
511	Banaskantha	Palanpur	66KV Khodla	30	220kV Palanpur	Palanpur	66	22.43259	74.57111	Palanpur-7	Existing
512	Rajkot	Rajkot	66KV Khokhaldal	15	132kV Vikram	Gondal	66	22.19373	70.8259	Vikram-2	Existing
513			66KV Khoraj (shaligram)	60	132kV Sabarmati	Nadiad	66			Sabarmati-3	Existing
514	Ahmedabad	Sanand	66kV Khoraj GIDC	30	220kV Viramgam	Surendranagar	66			Viramgam-3	Planned

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515	Junagadh	Malia	66KV Khorasa	10	220kV Keshod	Junagadh	66			Keshod-5	Existing
516	Patan	Saraswati	66KV Kimbuva	15	220kV Jangral	Mehsana	66	23.93285	72.17109	Jangral-8	Existing
517	Banaskantha	Vadgam	66KV Kodaram	25	220kV Kheralu	Mehsana	66	23.96143	72.57037	Kheralu-2	Existing
518	Mehsana	Vijapur	66kV Kolavada	30	220kV Vijapur	Himmatnagar	66			Vijapur-3	Planned
519	Bharuch	Valiya	66kV Kondh	70	400kV Kosamba	Bharuch	66			Kosamba-5	Planned
520	Surat	Choryasi	66KV Kosad	50	220kV Ichchhapore	Navsari	66	21.25513	72.85164	Ichchhapore-3	Existing
521	Surat	Mangrol(s)	66KV Kosamba-2	30	400kV Kosamba	Bharuch	66	21.49711	73.00243	Kosamba-4	Existing
522	Chhota-Udaipur	Bodeli	66KV Kosindra	30	132kV Tilakwada	Jambuva	66	22.1458	73.75347	Tilakwada-2	Existing
523	Surat	Kamrej	66KV Kosmada	60	400kV Vav	Navsari	66	21.21836	72.92873	Vav-2	Existing
524	Banaskantha	Deodar	66KV Kotarwada	15	220kV Tharad	Palanpur	66	24.22511	71.66538	Tharad-3	Existing
525	Banaskantha	Deodar	66KV Kotda (F)	25	220kV Deodar	Palanpur	66	24.18951	71.85449	Deodar-8	Existing
526	Ahmedabad	Dholka	66KV Koth	30	220kV Salejada	Nadiad	66	22.63894	72.30979	Salejada-5	Existing
527	Mahisagar	Lunawada	66KV Kothamba	30	220kV Savdasnamuvada	Jambuva	66	23.03429	73.5182	Savdasnamuvada-2	Existing
528	Vadodara	Vadodara	66KV Koyali	60	220kV Gotri	Jambuva	66	22.36092	73.12157	Gotri-4	Existing
529	Junagadh	Keshod	66KV Koylana	15	220kV Keshod	Junagadh	66	21.22699	70.25763	Keshod-4	Existing
530	Gandhinagar	Gandhinagar	66KV Kudasan	30	220kV Khanpur	Nadiad	66	23.15969	72.6414	Khanpur-6	Existing
531	Ahmedabad	Daskroi	66KV Kuha	60	220kV Khanpur	Nadiad	66	23.00548	72.76679	Khanpur-2	Existing
532	Tapi	Kukarmunda	66KV Kukarmunda	30	220kV Ukai Hydro	Navsari	66	21.51224	74.12284	Ukai Hydro-2	Existing

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533	Bharuch	Bharuch	66KV Kukarwada	30	220kV Wagra	Bharuch	66	21.69507	72.95765	Wagra-2	Existing
534	Tapi	Songadh	66KV Kumkuva	30	220kV Ukai Hydro	Navsari	66	21.13564	73.53291	Ukai Hydro-4	Existing
535	Sabarkantha	Vijaynagar	66KV Kundla	30	220kV Bhutiya	Himmatnagar	66	23.5903	73.11594	Bhutiya-6	Existing
536	Chhotaudepur	Bodeli	66KV Ladhod	30	132KV Tilakwada	Jambuva	66			Tilakwada-2	Planned
537	Mehsana	Vijapur	66KV Ladol	15	220kV Kheralu	Himmatnagar	66	23.63139	72.73898	Kheralu-8	Existing
538	Junagadh	Malia	66KV Ladudi	10	220kV Keshod	Junagadh	66	20.94225	70.34345	Keshod-5	Existing
539	Sabarkantha	Idar	66KV Lai Ranasan	20	132kV Idar	Himmatnagar	66	23.51219	72.5453	Idar-2	Existing
540	Morbi	Wankaner	66KV Lakaddhar	25	220kV Sartanpar	Gondal	66	22.72656	70.9698	Sartanpar-2	Existing
541			66KV Lakaddhar	50	220kV Sartanpar	Gondal	66			Sartanpar-4	Existing
542	Jamnagar	Jamnagar	66KV Lakhaval	30	132kV Naghedi	Jamnagar	66	22.41221	70.00089	Naghedi-3	Existing
543	Dahod	Fatepura	66KV Lakhanpur	30	220kV Savdasnamuvada	Jambuva	66	23.15055	74.10662	Savdasnamuvada-2	Existing
544	Vadodara	Karjan	66KV Lakodara	30	220kV Karjan	Jambuva	66	21.9883	73.10458	Karjan-5	Existing
545	Jamnagar	Jamnagar	66KV Lal Bangalow	30	132kV Naghedi	Jamnagar	66	22.47032	70.05499	Naghedi-4	Existing
546	Rajkot	Rajkot	66KV Lalpark (Nilkanth)	30	132kV Vikram	Gondal	66	22.15335	70.48265	Vikram-5	Existing
547	Ahmedabad	Daskroi	66KV Lambha	15	132kV Narol	Nadiad	66	22.9239	72.56259	Narol-3	Existing
548	Mehsana	Kadi	66KV Laxmipura	40	400kV Vadavi	Mehsana	66	23.32091	72.32468	Vadavi-4	Existing
549	Amreli	Lilia	66KV Liliya	25	220kV Savarkundla	Amreli	66	21.53521	71.35318	Savarkundla-2	Existing
550	Mahisagar	Khanpur	66KV Limbadiya	25	220kV Savdasnamuvada	Jambuva	66	23.23064	73.57007	Savdasnamuvada-4	Existing

**Renewable Energy integration : List of Substations (As on February-2023 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 a

Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
551	Kheda	Matar	66KV Limbashi	25	132kV Mahemdabad	Nadiad	66	22.6066	72.62187	Mahemdabad-2	Existing
552	Aravalli	Modasa	66KV Limbhoi	25	220kV Faredi	Himmatnagar	66	24.1359	72.8898	Faredi-2	Existing
553	Aravalli	Malpur	66KV Limbodra	20	220kV Faredi	Himmatnagar	66	23.37151	73.54174	Faredi-3	Existing
554	Narmada	Tilakwada	66KV Limpura	30	132kV Tilakwada	Jambuva	66	22.01911	73.53356	Tilakwada-4	Existing
555	Navsari	Vansda	66KV Limzar	30	220kV Ambheta	Navsari	66	20.7476	73.29281	Ambheta-2	Existing
556	Banaskantha	Deesa	66KV Lorwada	40	132kV Deesa	Palanpur	66	24.22805	72.08923	Deesa-2	Existing
557	Tapi	Vyara	66KV Lotarva	30	220kV Mota	Navsari	66	21.13904	73.31088	Mota-2	Existing
558	Vadodara	Padra	66KV Luna	60	132KV Gotri	Jambuva	66			Gotri-2	Planned
559	Aravalli	Bhiloda	66KV Lusadiya	20	220kV Faredi	Himmatnagar	66	23.68957	73.45165	Faredi-4	Existing
560	Banaskantha	Palanpur	66kV Madana (Gadh)	30	220KV Jangral	Palanpur	66			Deesa-5	Planned
561	Panchmahal	Halol	66KV Madar	30	220kV Vyankatpura	Jambuva	66	22.39408	73.48306	Vyankatpura-3	Existing
562	Surat	Bardoli	66KV Madhi	30	220kV Mota	Navsari	66	21.16768	73.27734	Mota-4	Existing
563	Tapi	Vyara	66KV Magarkui	30	220kV Mota	Navsari	66	21.0712	73.41441	Mota-2	Existing
564	Rajkot	Rajkot	66KV Magharwada	15	132kV Vikram	Gondal	66	22.38951	70.99492	Vikram-3	Existing
565	Valsad	Valsad	66KV Magod	30	220kV Atul	Navsari	66	20.56054	72.91521	Atul-3	Existing
566	Kheda	Mahudha	66KV Mahudha	30	132kV Mahemdabad	Nadiad	66	22.81163	72.93415	Mahemdabad-4	Existing
567	Surat	Mahuva	66KV Mahuva	50	220kV Mota	Navsari	66	21.03137	73.13059	Mota-3	Existing
568	Junagadh	Junagadh	66KV Majewadi	40	220kV Shapur	Junagadh	66	21.60993	70.41486	Shapur-2	Existing
569	Banaskantha	Danta	66KV Makad Champa	25	220kV Bhutiya	Himmatnagar	66	24.14109	72.59425	Bhutiya-4	Existing
570	Morbi	Wankaner	66KV Makansar(Dhuva 2)	30	220kV Wankaner	Gondal	66	22.73434	70.94264	Wankaner-3	Existing
571	Banaskantha	Deodar	66KV Makhanu	15	220kV Tharad	Palanpur	66	24.26506	71.7184	Tharad-3	Existing



**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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- (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.
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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
572	Tapi	Songadh	66KV Malangdev	30	220kV Ukai Hydro	Navsari	66	20.98396	73.79968	Ukai Hydro-4	Existing
573	Morbi	Halvad	66KV Malaniyad	30	220kV Halvad	Surendranagar	66	23.10978	71.25761	Halvad-5	Existing
574	Banaskantha	Deesa	66KV Malgadh	30	400kV Zerda (Kansari)	Palanpur	66	24.25038	72.13934	Zerda-4	Existing
575	Mehsana	Vijapur	66KV Malosan	20	220kV Vijapur	Himmatnagar	66	23.60768	72.70011	Vijapur-5	Existing
576	Aravalli	Malpur	66KV Malpur	20	220kV Faredi	Himmatnagar	66	23.36898	73.46119	Faredi-3	Existing
577	Amreli	Dhari	66KV Malsika	30	220kV Visavadar	Amreli	66	21.32844	70.95677	Visavadar-5	Existing
578	Mahisagar	Kadana	66KV Malvan	30	220kV Savdasnamuvada	Jambuva	66	23.22687	73.8159	Savdasnamuvada-6	Existing
579	Bhavnagar	Ghogha	66KV Mamsa(2)	15	220kV Vartej	Amreli	66	21.39794	72.08222	Vartej-3	Existing
580	Valsad	Dharampur	66KV Manaichondhi	30	220kV Atul	Navsari	66	20.56562	73.40668	Atul-2	Existing
581	Mehsana	Kheralu	66KV Mandali	25	220kV Kheralu	Mehsana	66	23.91096	72.52299	Kheralu-5	Existing
582	Mehsana	Mehsana	66KV Mandali	30	220kV Mitha	Mehsana	66	23.91096	72.52299	Mitha-6	Existing
583	Rajkot	Jetpur	66KV Mandlikpur	25	400kV Jetpur	Junagadh	66	21.74384	70.54929	Jetpur-3	Existing
584	Surat	Bardoli	66KV Manekpore	30	220kV Mota	Navsari	66	21.09291	73.22807	Mota-2	Existing
585	Tapi	Vyara	66KV Mangalia	30	220kV Virpore	Navsari	66	20.97705	73.40532	Virpore-3	Existing
586	Patan	Chanasma	66KV Maniyari	15	220kV Bechrahi	Mehsana	66	23.59248	72.06709	Bechraji-2	Existing
587	Patan	Patan	66KV Manund	15	220kV Sankhari	Mehsana	66	23.72522	72.26014	Sankhari-4	Existing
588	Navsari	Jalalpore	66KV Maroli	15	220kV Navsari	Navsari	66	21.03537	72.88971	Navsari-4	Existing
589	Kheda	Matar	66KV Matar	25	132kV Mahemdabad	Nadiad	66	22.69068	72.66576	Mahemdabad-2	Existing
590	Morbi	Wankaner	66KV Matel	50	220kV Sartanpar	Gondal	66	22.72571	71.01217	Sartanpar-4	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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591	Morbi	Wankaner	66KV Matel(2)	30	220kV Sartanpar	Gondal	66	22.74488	70.98199	Sartanpar-5	Existing
592	Aravalli	Bhiloda	66KV Mau	30	220kV Vijapur	Himmatnagar	66	23.76592	73.1938	Vijapur-3	Existing
593	Aravalli	Modasa	66KV Medhasan	25	220kV Faredi	Himmatnagar	66	23.54284	73.21688	Faredi-2	Existing
594	Aravalli	Meghraj	66KV Megharaj	20	220kV Faredi	Himmatnagar	66	23.29293	73.2958	Faredi-4	Existing
595	'-	'-	66KV Mehuliya	30	220kV Godhra	Jambuva	66	'-	'-	Godhra-4	Existing
596	Junagadh	Bhesan	66KV Mendapra	25	220kV Shapur	Junagadh	66	21.58839	70.59949	Shapur-8	Existing
597	Navsari	Gandevi	66KV Mendhar	30	220kV Navsari	Navsari	66	0	0	Navsari-2	Existing
598	Banaskantha	Bhabhar	66KV Mera	25	220kV Deodar	Palanpur	66	24.18918	71.63435	Deodar-5	Existing
599	Patan	Saraswati	66KV Mesar	15	220kV Jangral	Mehsana	66	24.02428	72.21552	Jangral-5	Existing
600	Banaskantha	Deodar	66KV Mithipaladi	25	220kV Deodar	Palanpur	66	24.20902	71.74642	Deodar-8	Existing
601	Morbi	Halvad	66KV Miyani	10	400kV Mansar	Surendranagar	66	23.12641	71.12194	Mansar-2	Existing
602	Surat	Bardoli	66KV Miyawadi (Kadod-2)	30	220KV Mota (Bardoli)	Navsari	66			Mota-4	Planned
603	Vadodara	Padra	66KV Mobha	60	220kV Gavasad	Jambuva	66	22.17414	72.95839	Gavasad-2	Existing
604	Kheda	Mehemdabad	66kV Modaj	30	132KV Mahemdabad	Nadiad	66			Mahemdabad-3	Planned
605	Aravalli	Modasa	66KV Modasa	25	220kV Faredi	Himmatnagar	66	23.47867	73.29212	Faredi-2	Existing
606	Panchmahal	Morva Hadaf	66KV Mora	30	220kV Savdasnamuvada	Jambuva	66	21.17732	72.65406	Savdasnamuvada-6	Existing
607	Gir-Somnath	Kodinar	66KV Moradiya	30	220kV Timbdi	Junagadh	66	20.86004	70.66315	Timbdi-2	Existing
608	Gir-Somnath	Veraval	66KV Moraj	30	132kV Talala	Junagadh	66	20.97898	70.42959	Talala-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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609	Kheda	Thasra	66KV Morambli	50	220kV Kapadwanj	Nadiad	66	22.46414	73.04247	Kapadwanj-7	Existing
610	Morbi	Morbi	66KV Morbi B	30	220kV Morbi	Gondal	66	22.80125	70.80605	Morbi-7	Existing
611	Junagadh	Bhesan	66KV Morvada	15	220kV Visavadar	Junagadh	66	21.32184	70.50301	Visavadar-2	Existing
612	Banaskantha	Vadgam	66KV Morya	25	220kV Kheralu	Palanpur	66	24.11586	72.66963	Kheralu-2	Existing
613	Surat	Mangrol(s)	66KV Mosali	50	220kV Kim	Bharuch	66	21.4568	73.14811	Kim-6	Existing
614	Dahod	Limkheda	66KV Mota Ambaliya	30	220kV Godhra	Jambuva	66	23.00035	73.94524	Godhra-4	Existing
615	Mahisagar	Khanpur	66KV Mota Khanpur	30	220kV Savdasnamuvada	Jambuva	66	23.2864	73.67976	Savdasnamuvada-3	Existing
616	Rajkot	Paddhari	66KV Mota Khijadiya	30	220kV Nyara	Gondal	66	22.32374	70.55213	Nyara-2	Existing
617	Mehsana	Becharaji	66KV Motap	25	220kV Mehsana	Mehsana	66	23.61402	72.27347	Mehsana-2	Existing
618	Banaskantha	Danta	66KV Motasada	15	220kV Kheralu	Palanpur	66	24.14956	72.68662	Kheralu-6	Existing
619	Gandhinagar	Kalol	66KV Moti Bhoyan	40	400kV Vadavi	Mehsana	66	23.17101	72.45847	Vadavi-2	Existing
620	Surat	Bardoli	66KV Moti Falod	30	220KV Mota (Bardoli)	Navsari	66			Ankleshwar-3	Planned
621	Junagadh	Keshod	66KV Moti Ghasari	30	220kV Keshod	Junagadh	66	21.27018	70.20358	Keshod-6	Existing
622	Valsad	Vapi	66KV Moti Tambadi	30	220kV Vapi	Navsari	66	20.3186	73.0236	Vapi-2	Existing
623	Junagadh	Visavadar	66KV Motimonpari	25	220kV Visavadar	Junagadh	66	21.30767	70.65295	Visavadar-6	Existing
624	Bharuch	Netrang	66KV Mouza	25	132kV Valia	Bharuch	66	21.55314	73.36537	Valia-3	Existing
625	Junagadh	Keshod	66KV Movana	30	220kV Keshod	Junagadh	66	21.19472	70.13262	Keshod-2	Existing
626	Patan	Sidhpur	66KV Mudana	15	132kV Siddhpur	Mehsana	66	23.94285	72.41048	Siddhpur-6	Existing
627	Sabarkantha	Himatnagar	66KV Munpur	25	220kV Agiyol	Himmatnagar	66	23.67617	72.87708	Agiyol-2	Existing
628	Surendranagar	Muli	66kV Nadadhri	30	220kV Halvad	Surendranagar	66			Halvad-8	Planned

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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629	Amreli	Dhari	66KV Nagadhra	15	220kV Savarkundla	Amreli	66	21.29622	71.14574	Savarkundla-3	Existing
630	Mehsana	Mehsana	66KV Nagalpur	30	220kV Mehsana	Mehsana	66	23.57431	72.35519	Mehsana-3	Existing
631	Dahod	Garbada	66KV Nalvai(Garbada)	30	132kV Dahod	Jambuva	66	22.68086	74.28966	Dahod-3	Existing
632	Narmada	Tilakwada	66KV Namalpur	40	132kV Tilakwada	Jambuva	66	22.0059	73.63875	Tilakwada-2	Existing
633	Panchmahal	Shehera	66KV Nandarava	30	220kV Godhra	Jambuva	66	22.96399	73.68995	Godhra-6	Existing
634	Vadodara	Vadodara	66KV Nandesari(III)	60	132kV Nandesari	Jambuva	66	22.3936	73.103	Nandesari-3	Existing
635	Ahmedabad	Sanand	66KV Nani Devti	30	220kV Salejada	Nadiad	66	22.92479	72.37262	Salejada-3	Existing
636	Valsad	Dharampur	66KV Nanivahiyal	30	220kV Atul	Navsari	66	20.47437	73.15839	Atul-2	Existing
637	Tapi	Uchhal	66KV Naranpur	30	220kV Ukai Hydro	Navsari	66	21.28265	73.83797	Ukai Hydro-2	Existing
638	Chhota-Udaipur	Nasvadi	66KV Naswadi	30	132kV Tilakwada	Jambuva	66	22.04804	73.73913	Tilakwada-2	Existing
639	Bhavnagar	Ghogha	66KV Nathugadh	15	220kV Vartej	Amreli	66	21.55004	72.17598	Vartej-3	Existing
640	Amreli	Kunkavav vadia	66KV Nava Ujala	8	400kV Jetpur	Amreli	66	21.67212	70.99211	Jetpur-5	Existing
641	Gir-Somnath	Veraval	66KV Navadara	30	220kV Timbdi	Junagadh	66	20.93818	70.45426	Timbdi-12	Existing
642	Aravalli	Meghraj	66KV Navagam	20	220kV Faredi	Himmatnagar	66	22.81285	72.57874	Faredi-4	Existing
643	Junagadh	Vanthali	66KV Navagam	20	220kV Shapur	Junagadh	66	21.2551	70.2434	Shapur-3	Existing
644	Jamnagar	Jamnagar	66KV Navagam Ghed	30	132kV Naghedi	Jamnagar	66	22.49707	70.06741	Naghedi-4	Existing
645	Amreli	Bagasara	66KV Navi Hadiyad	25	220kV Visavadar	Junagadh	66	21.50685	70.86615	Visavadar-8	Existing
646	Anand	Anand	66KV Navli	30	220kV Karamsad	Nadiad	66	22.4933	72.9644	Karamsad-5	Existing
647	Kheda	Kheda	66kV Nayka	30	220KV Salejada	Nadiad	66			Salejada-6	Planned

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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648	Kheda	Mahemdabad	66KV Nenpur	30	220kV Barejadi	Nadiad	66	22.85211	72.73006	Barejadi-3	Existing
649	Sabarkantha	Himatnagar	66KV Nikoda	25	220kV Agiyol	Himmatnagar	66	23.52052	73.04894	Agiyol-7	Existing
650	Tapi	Nizar	66KV Nimbhora	30	220kV Ukai Hydro	Navsari	66	21.53	74.27946	Ukai Hydro-2	Existing
651	Valsad	Pardi	66KV Nimkhal	30	220kV Vapi	Navsari	66	20.46998	73.03716	Vapi-2	Existing
652	Kheda	Kapadvanj	66KV Nirmali	30	220kV Kapadvanj	Nadiad	66	23.11986	73.05592	Kapadvanj-4	Existing
653	Tapi	Nizar	66KV Nizar	30	220kV Ukai Hydro	Navsari	66	21.47986	74.18643	Ukai Hydro-2	Existing
654	Patan	Patan	66KV Norta	15	220kV Sankhari	Mehsana	66	23.8059	72.19354	Sankhari-4	Existing
655	Bharuch	Amod	66KV Ochhan	10	220kV Amod	Bharuch	66	21.5928	73.154	Amod-1	Existing
656	Morbi	Wankaner	66kV OI	30	220kV Sartanpar	Gondal	66			Sartanpar-5	Planned
657	Morbi	Morbi	66KV Old Rfaleshwar	30	220kV Lalpar	Gondal	66	22.78644	70.88935	Lalpar-4	Existing
658	Surat	Olpad	66KV Olpad	50	220kV Ichchhapore	Navsari	66	21.32347	72.75439	Ichchhapore-5	Existing
659	Narmada	Nandod	66KV Ori	50	220kV Achhalia	Bharuch	66	21.91637	73.38169	Achhalia-5	Existing
660	Mehsana	Satlasana	66KV Otalpur	15	220kV Kheralu	Mehsana	66	23.93029	72.75044	Kheralu-6	Existing
661	Gir-Somnath	Veraval	66KV P. Patan	60	220kV Timbdi	Junagadh	66	20.89294	70.40644	Timbdi-5	Existing
662	Rajkot	Paddhari	66KV Padadhari	30	220kV Nyara	Gondal	66	22.4424	70.60506	Nyara-2	Existing
663	Panchmahal	Shehera	66KV Padaradi	30	220kV Godhra	Jambuva	66	22.81543	73.71004	Godhra-6	Existing
664	Banaskantha	Kankrej	66KV Padardi	20	220kV Deodar	Palanpur	66	24.05573	71.86559	Deodar-3	Existing
665	Surat	Choryasi	66KV Pal	50	220kV Ichchhapore	Navsari	66	21.19822	72.78056	Ichchhapore-4	Existing
666	Sabarkantha	Vijaynagar	66KV Pal	30	220kV Bhutiya	Himmatnagar	66	23.93348	73.3688	Bhutiya-3	Existing
667	Surat	Surat	66KV Pala	50	220kV Ichchhapore	Navsari	66	21.20972	72.80229	Ichchhapore-6	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
668	Banaskantha	Palanpur	66KV Palanpur(2)	30	220kV Palanpur	Palanpur	66	24.18504	72.45419	Palanpur-3	Existing
669	Mehsana	Mehsana	66KV Palavasana	30	220kV Mehsana	Mehsana	66	23.56414	72.35848	Mehsana-3	Existing
670	Ahmedabad	Daskroi	66KV Paldikankaj	40	132kV Narol	Nadiad	66	22.88733	72.53204	Narol-2	Existing
671	Kheda	Nadiad	66KV Paliya	30	132kV Nadiad	Nadiad	66	22.73046	72.93835	Nadiad-2	Existing
672	Kheda	Matar	66KV Palla	25	132kV Mahemdabad	Nadiad	66	22.38	72.33	Mahemdabad-2	Existing
673	Surat	Palsana	66KV Palsana	40	400kV Vav	Navsari	66	21.09255	73.00076	Vav-3	Existing
674	Panchmahal	Shehera	66KV Panam	30	220kV Godhra	Jambuva	66	23.3874	73.42172	Godhra-6	Existing
675	Valsad	Kaprada	66KV Panas	30	220kV Vapi	Navsari	66	20.41523	73.15741	Vapi-2	Existing
676	Banaskantha	Vadgam	66KV Panchada	25	220kV Kheralu	Palanpur	66	24.04071	72.57992	Kheralu-2	Existing
677	Aravalli	Meghraj	66KV Panchal	20	220kV Faredi	Himmatnagar	66	23.5898	73.53	Faredi-4	Existing
678	Morbi	Wankaner	66KV Panchasar	50	220kV Wankaner	Gondal	66	22.63199	70.95316	Wankaner-2	Existing
679	Morbi	Wankaner	66KV Panchasiya	30	220kV Wankaner	Gondal	66	22.70622	70.87448	Wankaner-3	Existing
680	Rajkot	Jetpur	66kv Panchpipla	25	400kV Jetpur	Junagadh	66	21.78956	70.54885	Jetpur-3	Existing
681	Mahisagar	Balasinor	66KV Pandva	25	220kV Savdasnamuvada	Nadiad	66	23.06955	73.39644	Savdasnamuvada-4	Existing
682	Morbi	Morbi	66KV Paneli	30	220kV Sartanpar	Gondal	66	22.79091	70.95045	Sartanpar-5	Existing
683	Bharuch	Zagadia	66KV Panetha	30	220kV Achhalia	Bharuch	66	21.89253	73.27194	Achhalia-3	Existing
684	Bharuch	Ankleshwar	66KV Panoli(II)	60	400kV Kosamba	Bharuch	66	21.53619	72.98122	Kosamba-2	Existing
685	Gandhinagar	Kalol	66KV Pansar	40	220kV Chhatral	Himmatnagar	66	23.31615	72.48355	Chhatral-2	Existing
686	Surendranagar	Limbdii	66KV Panshina	50	220kV Bagodara	Surendranagar	66	22.54484	71.96227	Bagodara-2	Planned

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687	Rajkot	Rajkot	66kV Para Pipliya (AIIMS)	30	400kV Hadala	Gondal	66			Hadala-6	Planned
688	Surat	Palsana	66KV Parab	50	220kV Mota	Navsari	66	21.181	73.00296	Mota-6	Existing
689	Sabarkantha	Himatnagar	66KV Parbada	25	220kV Agiyol	Himmatnagar	66	23.60744	72.9124	Agiyol-6	Existing
690	Valsad	Pardi	66KV Paria	30	220kV Vapi	Navsari	66	20.43646	72.9741	Vapi-2	Existing
691	Tapi	Dolvan	66KV Pathakvadi	30	220kV Virpore	Navsari	66	20.86428	73.3487	Virpore-3	Existing
692	Banaskantha	Tharad	66KV Pathamada	25	220kV Tharad	Palanpur	66	24.38803	71.73817	Tharad-4	Existing
693	Surat	Mandvi(s)	66KV Patna	50	220kV Mota	Bharuch	66	21.28509	73.12198	Mota-7	Existing
694	Junagadh	Mendarda	66KV Patrama	15	220kV Keshod	Junagadh	66	21.23561	70.43961	Keshod-3	Existing
695	Banaskantha	Deesa	66KV Pechhdal	15	400kV Zerda (Kansari)	Palanpur	66	24.38205	72.04699	Zerda-3	Existing
696	Gandhinagar	Gandhinagar	66KV Pethapur (Fatehpura)	30	132kV Chiloda	Himmatnagar	66	23.28566	72.69122	Chiloda-2	Existing
697	Bharuch	Valia	66KV Petia	30	132kV Valia	Bharuch	66	21.53158	73.30629	Valia-3	Existing
698	Kheda	Vaso	66KV Pij	25	132KV Mahemdabad	Nadiad	66			Mahemdabad-2	Planned
699	Banaskantha	Vadgam	66KV Pilucha	25	220kV Palanpur	Mehsana	66	23.97002	72.51785	Palanpur-5	Existing
700	Banaskantha	Tharad	66KV Piluda	10	220kV Tharad	Palanpur	66	24.54986	71.70103	Tharad-6	Existing
701	Mehsana	Vijapur	66KV Pilwai	25	220kV Vijapur	Himmatnagar	66	23.53514	72.71415	Vijapur-4	Existing
702	Dahod	Dhanpur	66KV Piperio	30	132kV Limkheda	Jambuva	66	22.64855	74.10828	Limkheda-3	Existing
703	Dahod	Devgadhbaria	66KV Piplod	30	132kV Limkheda	Jambuva	66	22.82053	73.91269	Limkheda-2	Existing
704	Valsad	Dharampur	66KV Piprol	30	220kV Atul	Navsari	66	20.50043	73.32619	Atul-2	Existing

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705	Vadodara	Dabhoi	66KV Pisai	25	132kV Tilakwada	Jambuva	66	22.0624	73.34758	Tilakwada-5	Existing
706	Ahmedabad	Dholka	66KV Pisawada	30	220kV Salejada	Nadiad	66	22.64001	72.48061	Salejada-6	Existing
707	Vadodara	Savli	66KV Poicha	40	132kV Nandesari	Jambuva	66	22.46873	73.1063	Nandesari-2	Existing
708	Rajkot	Rajkot	66KV Popatpara	30	400kV Hadala	Gondal	66	22.31663	70.80165	Hadala-5	Existing
709	Sabarkantha	Poshina	66KV Posina	25	220kV Bhutiya	Himmatnagar	66	24.21377	73.01427	Bhutiya-4	Existing
710	Gir somnath	Veraval	66kV Prabhas patan (Kajli-Sutrapada fatak-Lati)	60	220kV Timbdi	Junagadh	66			Timbdi-5	Planned
711	Gir-Somnath	Sutrapada	66KV Pranchi	20	220kV Timbdi	Junagadh	66	20.9175	70.6106	Timbdi-10	Existing
712	Navsari	Vansda	66KV Pratapnagar	50	220kV Ambheta	Navsari	66	20.79431	73.2299	Ambheta-2	Existing
713	Narmada	Nandod	66KV Pratapnagar	25	220kV Achhalia	Bharuch	66	23.48667	72.14613	Achhalia-4	Existing
714	Patan	Siddhpur	66kV Punsan	30	132KV Patan	Mehsana	66			Patan-2	Existing
715	Sabarkantha	Talod	66KV Punsari	20	220kV Dhansura	Himmatnagar	66	23.39829	73.11858	Dhansura-6	Existing
716			66KV Rabarika	30			66	20.9704	71.14996		Existing
717	Sabarkantha	Himatnagar	66KV Raigadh(Agiyol)	25	220kV Faredi	Himmatnagar	66	23.58522	73.19203	Faredi-2	Existing
718	Ahmedabad	Dholka	66KV Raipur	30	220kV Salejada	Nadiad	66	22.55579	72.39282	Salejada-5	Existing
719	Banaskantha	Deodar	66KV Raiya	25	220kV Deodar	Palanpur	66	24.12729	71.83901	Deodar-10	Existing
720	Rajkot	Rajkot	66KV Raiyadhar	60	220kV Nyara	Gondal	66	22.28804	70.75681	Nyara-3	Existing
721	Panchmahal	Morva Hadaf	66KV Rajayata	30	220kV Godhra	Jambuva	66	23.00369	73.86887	Godhra-4	Existing
722	Ahmedabad	Bavla	66KV Rajoda	30	220kV Salejada	Nadiad	66	22.85453	72.37805	Salejada-3	Existing
723	Bharuch	Zagadia	66KV Rajpardi	30	220kV Achhalia	Bharuch	66	21.76943	73.22765	Achhalia-2	Existing



**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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724	Narmada	Nandod	66KV Rajpipla	25	220kV Achhalia	Bharuch	66	21.85329	73.58921	Achhalia-4	Existing
725	Banaskantha	Palanpur	66KV Rajpur	25	220kV Palanpur	Palanpur	66	24.25236	72.40639	Palanpur-8	Existing
726	Rajkot	Rajkot	66KV Rajshamadhiyala	15	132kV Vikram	Gondal	66	22.19106	70.93935	Vikram-3	Existing
727	Kheda	Thasra	66KV Rakhial	30	132kV Ode	Nadiad	66	22.75057	73.17101	Ode-4	Existing
728	Aravalli	Meghraj	66KV Ramgadhi	20	220kV Faredi	Himmatnagar	66	23.44461	73.54524	Faredi-3	Existing
729	Ahmedabad	Bavla	66KV Ramnagar	30	220kV Salejada	Nadiad	66	22.80324	72.33857	Salejada-2	Existing
730	Banaskantha	Vav	66KV Rampura	15	220kV Tharad	Palanpur	66	24.14503	71.93474	Tharad-2	Existing
731	Bharuch	Zagadia	66KV Randeri	60	220kV Zagadia	Bharuch	66	21.61535	73.13454	Zagadia-2	Existing
732	Morbi	Halvad	66KV Ranekpar	25	220kV Halvad	Surendranagar	66	22.98147	71.17455	Halvad-7	Existing
733	Banaskantha	Kankrej	66KV Raner	30	400kV Veloda	Palanpur	66	24.05035	72.0548	Veloda-1	Existing
734	Aravalli	Bhiloda	66KV Rangpur	15	220kV Bhutiya	Himmatnagar	66	23.73242	73.41268	Bhutiya-2	Existing
735	Mehsana	Kadi	66KV Rangpurda	30	220kV Chhatral	Mehsana	66	23.25187	72.34824	Chhatral-6	Existing
736	Vadodara	Savli	66KV Rania	40	132kV Nandesari	Jambuva	66	22.49594	73.13519	Nandesari-2	Existing
737	Junagadh	Keshod	66KV Rainingpara	30	220kV Shapur	Junagadh	66	21.29572	70.29207	Shapur-5	Existing
738	Panchmahal	Ghoghamba	66KV Ranjitnagar	30	220kV Chandrapura	Jambuva	66	22.5193	73.5955	Chandrapura-2	Existing
739	Navsari	Chikhali	66KV Rankuva	30	220kV Ambheta	Navsari	66	20.81028	73.14597	Ambheta-3	Existing
740	Vadodara	Vadodara	66KV Ranoli	40	132kV Nandesari	Jambuva	66	22.39959	73.13389	Nandesari-4	Existing
741	Banaskantha	Deesa	66KV Ranpur	30	132kV Deesa	Palanpur	66	24.30772	72.25162	Deesa-4	Existing
742	Anand	Borsad	66KV Ras	30	220kV Karamsad	Nadiad	66	22.34373	72.82586	Karamsad-6	Existing
743	Banaskantha	Deesa	66KV Rasana	30	220kV Jangral	Palanpur	66	24.2183	72.24555	Jangral-3	Existing

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744	Junagadh	Visavadar	66KV Ratang	15	220kV Visavadar	Junagadh	66	21.30082	70.60625	Visavadar-3	Existing
745	Morbi	Wankaner	66KV Ratavirda(2)	30	220kV Sartanpar	Gondal	66	22.76652	70.97382	Sartanpar-5	Existing
746	Morbi	Morbi	66KV Ravapar	40	220kV Lalpar	Gondal	66	23.51844	69.04739	Lalpar-3	Existing
747	Rajkot	Lodhika	66KV Ravki	50	220kV Charadava	Gondal	66	22.20556	70.72606	Charadava-4	Existing
748	Gir-Somnath	Talala	66KV Raydi	25	220kV Timbdi	Junagadh	66	20.92139	70.66741	Timbdi-9	Existing
749	Sabarkantha	Talod	66KV Rozad	30	220kV Dhansura	Himmatnagar	66	23.3299	73.07246	Dhansura-5	Existing
750	Tapi	Nizar	66KV Rumkitalav	30	220kV Ukai Hydro	Navsari	66	21.42346	73.96377	Ukai Hydro-2	Existing
751	Banaskantha	Bhabhar	66KV Runi	15	220kV Tharad	Palanpur	66	24.07826	71.50948	Tharad-2	Existing
752	Dahod	Zalod	66KV Rupakheda	70	220kV Rupakheda	Jambuva	66	23.00085	74.21385	Rupakheda-2	Existing
753	Sabarkantha	Himatnagar	66KV Rupal	25	220kV Agiyol	Himmatnagar	66	23.55248	73.11605	Agiyol-8	Existing
754	Banaskantha	Vadgam	66KV Rupal	25	220kV Palanpur	Palanpur	66	24.03383	72.50642	Palanpur-5	Existing
755	Kheda	Mahudha	66KV Ruppura	30	132kV Mahemdabad	Nadiad	66	22.8423	72.99434	Mahemdabad-4	Existing
756	Tapi	Vyara	66KV Rupwada	25	220kV Virpore	Navsari	66	21.33639	73.68195	Virpore-2	Existing
757	Vadodara	Waghodia	66KV Rustampura	30	220kV Vyankatpura	Jambuva	66	22.28678	73.53539	Vyankatpura-4	Existing
758	Surat	Choryasi	66KV Sachin C	50	220kV Talangpore	Navsari	66	21.09319	72.85283	Talangpore-10	Existing
759	Surat	Surat	66KV Sachin(A)	50	220kV Talangpore	Navsari	66	21.09218	72.85821	Talangpore-10	Existing
760	Surat	Surat	66KV Sachin(E)	50	220kV Talangpore	Navsari	66	21.09218	72.85821	Talangpore-9	Existing
761	Gandhinagar	Gandhinagar	66KV Sadara	30	132kV Chiloda	Nadiad	66	23.33689	72.73024	Chiloda-2	Existing
762	Banaskantha	Deesa	66KV Sadarpur	25	220kV Jangral	Palanpur	66	24.15449	72.07151	Jangral-2	Existing
763	Mahisagar	Lunawada	66KV Sadhakpur	25	220kV Savdasnamuvada	Jambuva	66	23.08037	73.251	Savdasnamuvada-4	Existing

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Sr No.	District	Taluka	Name of Substation	Tentative feasible RE integration (MW)	Main Cluster	Name of Circle	Voltage Class (kV)	LAT	LONG	Name of Sub Cluster	Existing / Planned Infrastructure
764	Vadodara	Sinor	66KV Sadhali	25	220kV Karjan	Jambuva	66	21.98821	73.29864	Karjan-2	Existing
765	Jamnagar	Jamnagar	66KV Sadhna Colony	30	132KV Naghedi	Jamnagar	66			Naghedi-4	Planned
766	Mehsana	Kadi	66KV Sadra	30	220kV Chhatral	Mehsana	66	23.30957	72.25163	Chhatral-6	Existing
767	Valsad	Kaprada	66KV Sahuda	30	220kV Vapi	Navsari	66	20.25893	73.32034	Vapi-2	Existing
768	Bharuch	Hansot	66KV Sajod	30	400kV Kosamba	Bharuch	66			Kosamba-3	Existing
769	Chhota-Udaipur	Jetpur pavi	66KV Sajwa	30	132kV Chhota Udepur	Jambuva	66	22.20813	73.87224	Chhota Udepur-3	Existing
770	Mehsana	Kheralu	66KV Sakri	25	220kV Kheralu	Mehsana	66	23.93727	72.61204	Kheralu-2	Existing
771	Mahisagar	Virpur	66KV Salaiya	25	220kV Savdasnamuvada	Himmatnagar	66	23.21925	73.44996	Savdasnamuvada-4	Existing
772	Kheda	Kheda	66KV Samadara	25	132kV Mahemdabad	Nadiad	66	22.7974	72.65433	Mahemdabad-2	Existing
773	Patan	Saraswati	66KV Samalpati	30	132kV Patan	Mehsana	66	23.88864	72.12986	Patan-3	Existing
774	Banaskantha	Deesa	66KV Samau	25	220kV Jangral	Palanpur	66	24.0943	72.10024	Jangral-2	Existing
775	Banaskantha	Palanpur	66KV Samdhi	30	220kV Jangral	Palanpur	66	24.16939	72.23142	Jangral-3	Existing
776			66KV Samiyala (Tandalja)	60	220kV Gotri	Jambuva	66			Gotri-2	Existing
777	Bharuch	Ankleshwar	66KV Samor	30	132kV Ankleshwar	Bharuch	66	21.66411	73.03873	Ankleshwar-4	Existing
778	Anand	Anand	66KV Samrakha	40	132kV Nadiad	Nadiad	66	22.61695	72.96679	Nadiad-2	Existing
779	Ahmedabad	Sanand	66KV Sanathal	60	220kV Bhat	Nadiad	66	22.96553	72.47403	Bhat-5	Existing
780	Kheda	Kheda	66KV Sandhana	30	132kV Nadiad	Nadiad	66	22.7225	72.75861	Nadiad-3	Existing
781	Mehsana	Vijapur	66KV Sanghpur	25	220kV Vijapur	Himmatnagar	66	23.51754	72.78896	Vijapur-5	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

**Note:**

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782	Mahisagar	Santrampur	66KV Santrampur	30	220kV Savdasnamuvada	Jambuva	66	23.19337	73.89198	Savdasnamuvada-2	Existing
783	Panchmahal	Godhra	66KV Santroad	30	220kV Godhra	Jambuva	66	22.80434	73.79704	Godhra-4	Existing
784	Dang	Ahwa	66KV Saputara	30	220kV Ambheta	Navsari	66	20.59802	73.73836	Ambheta-2	Existing
785	Morbi	Halvad	66KV Sarambhada	40	220kV Charadava	Surendranagar	66	22.88799	71.10922	Charadava-3	Existing
786	Rajkot	Paddhari	66KV Sarapdad	30	220kV Nyara	Gondal	66	22.35241	70.61029	Nyara-2	Existing
787	Vadodara	Padra	66KV Saraswani	30	220kV Karjan	Jambuva	66	22.09423	73.06193	Karjan-3	Existing
788	Surat	Bardoli	66KV Sarbhon	50	220kV Mota	Navsari	66	21.06492	73.0882	Mota-3	Existing
789	Bhavnagar	Bhavnagar	66KV Sardarnagar	30	220kV Vartej	Amreli	66	21.75609	72.1522	Vartej-2	Existing
790	Gandhinagar	Gandhinagar	66KV Sargasan	60	132kV Sabarmati	Nadiad	66	23.18826	72.62112	Sabarmati-2	Existing
791	Vadodara	Karjan	66KV Saring	30	220kV Haldarwa	Bharuch	66	21.8945	73.12174	Haldarwa-5	Existing
792	Mahisagar	Lunawada	66kV Sarkari Chamariya (Viraniya)	30	220kV Savdasnamuvada	Jambuva	66			Savdasnamuvada-2	Planned
793	Surat	Olpad	66KV Saroli	50	220kV Ichchhapore	Navsari	66	21.26832	72.77783	Ichchhapore-2	Existing
794	Junagadh	Visavadar	66KV Sarsai	25	220kV Visavadar	Junagadh	66	21.183	70.4249	Visavadar-6	Existing
795	Morbi	Wankaner	66KV Sartanpar	60	220kV Sartanpar	Gondal	66	22.75035	70.94199	Sartanpar-3	Existing
796	Surat	Olpad	66KV Segwachhama	50	220kV Ichchhapore	Navsari	66	21.22099	72.73331	Ichchhapore-7	Existing
797	Surat	Kamrej	66KV Sevni	50	220kV Mota	Navsari	66	21.23105	73.05503	Mota-7	Existing
798	Surat	Mangrol(s)	66kV Shah (Food Park) (Near Mosali)	50	220kV Kim	Bharuch	66			Kim-6	Planned

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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799	Gandhinagar	Gandhinagar	66KV Shahpur	15	132kV Chiloda	Nadiad	66	23.1669	72.67883	Chiloda-3	Existing
800	Banaskantha	Deesa	66KV Shamsherpura	30	400kV Zerda (Kansari)	Palanpur	66	24.2864	72.13447	Zerda-6	Existing
801	Aravalli	Meghraj	66KV Shangal	20	220kV Faredi	Himmatnagar	66	23.18627	73.18136	Faredi-4	Existing
802	Jamnagar	Jamnagar	66KV Shapar (Baid)	30	132kV Naghedi	Jamnagar	66	22.40296	69.90112	Naghedi-3	Existing
803	Junagadh	Vanthali	66KV Shapur	30	220kV Shapur	Junagadh	66	21.48167	70.36925	Shapur-6	Existing
804	Ahmedabad	Sanand	66KV Shella	60	220kV Bhat	Nadiad	66	22.99633	72.46936	Bhat-5	Existing
805	Kheda	Kapadvanj	66KV Shihora	15	220kV Dhansura	Nadiad	66	23.15379	73.07026	Dhansura-2	Existing
806	Panchmahal	Halol	66KV Shivrajpur	30	220kV Chandrapura	Jambuva	66	22.42995	73.60055	Chandrapura-2	Existing
807	Morbi	Morbi	66KV Shobheshwar	60	220kV Lalpar	Gondal	66	22.81621	70.87814	Lalpar-2	Existing
808	Junagadh	Malia	66KV Shril	20	220kV Keshod	Junagadh	66			Keshod-9	Existing
809	Vadodara	Vadodara	66KV Shubhanpura	60	220kV Gotri	Jambuva	66	22.322	73.16287	Gotri-7	Existing
810	Rajkot	Lodhika	66KV Sidheshvar	60	220kV Kangasiyali	Gondal	66	22.1515	70.7856	Kangasiyali-2	Existing
811	Bhavnagar	Bhavnagar	66KV Sidsar	15	220kV Vartej	Amreli	66	21.72631	72.1387	Vartej-3	Existing
812	Bhavnagar	Sihor	66KV Sihor(2)	30	220kV Vartej	Amreli	66	21.43643	71.5719	Vartej-7	Existing
813	Panchmahal	Ghoghamba	66KV Simaliya	30	220kV Chandrapura	Jambuva	66	22.67527	73.69829	Chandrapura-2	Existing
814	Surat	Mangrol	66KV Simodra (Limbadra)	50	220KV Kim	Bharuch	66			Kim-5	Planned
815	Gir-Somnath	Kodinar	66KV Sindhaj	15	220kV Timbdi	Junagadh	66	20.89014	70.73119	Timbdi-3	Existing
816	Navsari	Navsari	66KV Singod	50	220kV Mota	Navsari	66	20.96698	73.0367	Mota-3	Existing
817	Vadodara	Sinor	66KV Sinor	25	220kV Karjan	Jambuva	66	21.9099	73.33313	Karjan-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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- (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.
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818	Bharuch	Ankleshwar	66KV Sisodara	30	400KV Kosamba	Bharuch	66			Kosamba-4	Planned
819	Tapi	Songadh	66KV Sisor	30	220kV Ukai Hydro	Navsari	66	21.24756	73.43942	Ukai Hydro-3	Existing
820	Surendranagar	Dhrangadhra	66KV Soldi	25	220kV Halvad	Surendranagar	66	22.98883	71.37251	Halvad-3	Existing
821	Banaskantha	Danta	66KV Solsanda	25	220kV Kheralu	Mehsana	66	24.08939	72.89887	Kheralu-3	Existing
822	Sabarkantha	Prantij	66KV Sonasan	25	220kV Agiyol	Himmatnagar	66	23.48723	72.94602	Agiyol-4	Existing
823	Dang	Subir	66KV Subir	30	220kV Ukai Hydro	Navsari	66	20.93592	73.77918	Ukai Hydro-4	Existing
824	Narmada	Tilakwada	66KV Suikuva	40	132kV Tilakwada	Jambuva	66	22.0613	73.6312	Tilakwada-2	Existing
825	Patan	Sidhpur	66KV Sujanpur	15	132kV Siddhpur	Mehsana	66	23.57221	72.22189	Siddhpur-6	Existing
826	Banaskantha	Vadgam	66KV Sukhapura	25	220kV Kheralu	Palanpur	66	24.08971	72.59963	Kheralu-2	Existing
827	Valsad	Pardi	66kV Sukhlav	30	220KV Vapi	Navsari	66			Vapi-2	Existing
828	Navsari	Jalalpore	66KV Sultanpur	30	220kV Navsari	Navsari	66	20.86356	72.85807	Navsari-2	Existing
829	Morbi	Halvad	66KV Sundari Bhavani	30	220kV Halvad	Surendranagar	66	22.84271	71.12537	Halvad-8	Existing
830	Mehsana	Vijapur	66KV Sundarpur	15	220kV Kheralu	Himmatnagar	66	23.67963	72.77437	Kheralu-8	Existing
831	Mehsana	Kadi	66KV Suraj	15	220kV Mitha	Mehsana	66	23.39557	72.30968	Mitha-5	Existing
832	Surat	Choryasi	66KV Susm	50	220kV Popda	Navsari	66	21.08079	72.90551	Popda-1	Existing
833	Valsad	Kaprada	66KV Sutharpada	30	220kV Vapi	Navsari	66	20.30851	73.37179	Vapi-2	Existing
834	Gir-Somnath	Sutrapada	66KV Sutrapada	60	220kV Timbdi	Junagadh	66	20.85552	70.4857	Timbdi-5	Existing
835	Bharuch	Vagra	66KV Suva	30	220kV Suva	Bharuch	66	21.7077	72.6613	Suva-4	Existing
836	Banaskantha	Vav	66KV Tadav	10	220kV Tharad	Palanpur	66	24.50117	71.42304	Tharad-5	Existing
837	Surat	Mandvi(s)	66KV Tadkeshwar	50	220kV Kim	Bharuch	66	21.36832	73.08044	Kim-5	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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838	Sabarkantha	Prantij	66KV Tajpur	40	132kV Talod	Himmatnagar	66	23.38367	72.80946	Talod-2	Existing
839	Sabarkantha	Khedbrahma	66KV Tandaliya	15	220kV Bhutiya	Himmatnagar	66	23.59565	73.08118	Bhutiya-5	Existing
840	Navsari	Chikhali	66KV Tankal	50	220kV Ambheta	Navsari	66	20.85979	73.11494	Ambheta-2	Existing
841	Tapi	Songadh	66KV Taparwada	30	220kV Virpore	Navsari	66	21.02408	73.59882	Virpore-5	Existing
842	Rajkot	Paddhari	66KV Taraghadi	30	220kV Nyara	Gondal	66	22.38957	70.65347	Nyara-2	Existing
843	Surat	Bardoli	66kV Tarbhon (Vaghech)	50	220kV Mota	Navsari	66			Mota-3	Planned
844	Panchmahal	Halol	66KV Tarkhanda	30	220kV Chandrapura	Jambuva	66	22.55776	73.54433	Chandrapura-2	Existing
845	Surat	Mahuva	66KV Tarsadi	50	220kV Mota	Navsari	66	21.0675	73.1303	Mota-3	Existing
846	Navsari	Jalalpore	66KV Tavdi	15	220kV Navsari	Navsari	66	20.94869	72.89732	Navsari-4	Existing
847	Mehsana	Visnagar	66KV Thalota	25	220kV Kheralu	Himmatnagar	66	23.71442	72.53521	Kheralu-7	Existing
848	Junagadh	Vanthali	66KV Thanapipli (Nagadiya )	20	220KV Shapur	Junagadh	66			Shapur-3	Planned
849	Kheda	Kapadvanj	66KV Thavad	25	220kV Dhansura	Nadiad	66	23.10931	73.17319	Dhansura-3	Existing
850	Mehsana	Kadi	66KV Thol	40	400kV Vadavi	Mehsana	66	23.10424	72.36915	Vadavi-6	Existing
851	Ahmedabad	Viramgam	66KV Thuleta	60	220kV Bhat	Surendranagar	66	22.94754	72.11307	Bhat-5	Existing
852	Panchmahal	Godhra	66KV Timba	25	220kV Godhra	Jambuva	66	22.81484	73.3991	Godhra-5	Existing
853	Anand	Khambhat	66KV Timba	30	220kV Karamsad	Nadiad	66	22.31312	72.6194	Karamsad-7	Existing
854	Valsad	Dharampur	66KV Tiskaritalat	30	220kV Atul	Navsari	66	20.49661	73.14091	Atul-2	Existing
855	Banaskantha	Vav	66KV Tithgam	15	220kV Tharad	Palanpur	66	24.25585	71.5219	Tharad-2	Existing

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856	Aravalli	Bhiloda	66KV Torda	30	220kV Bhutiya	Himmatnagar	66	23.80707	73.33009	Bhutiya-3	Existing
857	Amreli	Kunkavav vadia	66KV Tori	8	400kV Jetpur	Amreli	66	21.63376	70.87392	Jetpur-5	Existing
858	Kheda	Kapadwanj	66KV Torna	30	220kV Kapadwanj	Nadiad	66	22.97035	72.99209	Kapadwanj-5	Existing
859	Kheda	Matar	66KV Traj	25	132kV Mahemdabad	Nadiad	66	22.4	72.37	Mahemdabad-2	Existing
860	Morbi	Morbi	66KV Trajpar	60	220kV Lalpar	Gondal	66	22.80563	70.90196	Lalpar-2	Existing
861	Rajkot	Rajkot	66KV Tramba	15	132kV Vikram	Gondal	66	22.23878	70.90029	Vikram-3	Existing
862	Mehsana	Unjha	66KV Tundav	30	132kV Siddhpur	Mehsana	66	22.4817	73.20963	Siddhpur-5	Existing
863	Panchmahal	Godhra	66KV Tuva	25	220kV Godhra	Jambuva	66	22.81807	73.47899	Godhra-5	Existing
864	Navsari	Jalalpore	66KV Ubharat	40	220kV Talangpore	Navsari	66	21.01336	72.74664	Talangpore-4	Existing
865	Surat	Umarpada	66kV Ubhariya	30	132kV Valia	Bharuch	66			Valia-3	Planned
866	Aravalli	Bhiloda	66KV Ubsal	30	220kV Bhutiya	Himmatnagar	66	23.81395	73.25415	Bhutiya-3	Existing
867	Tapi	Uchhal	66KV Uchhal	30	220kV Ukai Hydro	Navsari	66	21.17358	73.76699	Ukai Hydro-2	Existing
868	Mehsana	Visnagar	66KV Udalpur	20	220kV Mehsana	Mehsana	66	23.56379	72.47995	Mehsana-4	Existing
869	Sabarkantha	Talod	66KV Ujediya	15	132kV Talod	Himmatnagar	66	23.32355	72.95364	Talod-3	Existing
870	Narmada	Nandod	66kV Umalla (Achhaliya /Jamboi)	50	220kV Achhalia	Bharuch	66			Achhalia-5	Planned
871	Valsad	Umbergaon	66KV Umargam	50	220kV Bhilad	Navsari	66	20.16969	72.76672	Bhilad-3	Existing
872	Valsad	Pardi	66KV Umarsadi	30	220kV Atul	Navsari	66	20.51406	72.88886	Atul-3	Existing
873	Mehsana	Visnagar	66KV Umata	25	220kV Kheralu	Mehsana	66	23.7645	72.55604	Kheralu-7	Existing
874	Banaskantha	Kankrej	66KV Un	10	220kV Radhanpur	Palanpur	66	23.89636	71.76048	Radhanpur-3	Existing



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875	Gandhinagar	Gandhinagar	66KV Unava	30	132kV Chiloda	Himmatnagar	66	23.33966	72.67365	Chiloda-2	Existing
876	Mehsana	Unjha	66KV Unava	15	220kV Sankhari	Mehsana	66	23.33966	72.67365	Sankhari-4	Existing
877	Tapi	Vyara	66KV Unchamala	30	220kV Ukai Hydro	Navsari	66	21.22078	73.39806	Ukai Hydro-3	Existing
878	Mehsana	Vadnagar	66KV Undhai	15	220kV Kheralu	Mehsana	66	23.80911	72.73855	Kheralu-8	Existing
879	Mehsana	Unjha	66KV Unjha	25	220kV Kheralu	Mehsana	66	23.80315	72.37578	Kheralu-7	Existing
880	Valsad	Valsad	66KV Untadi	30	220kV Ambheta	Navsari	66	20.69865	72.91836	Ambheta-4	Existing
881	Kheda	Nadiad	66KV Uttarsanda	30	220kV Karamsad	Nadiad	66	22.64896	72.89713	Karamsad-4	Existing
882	Vadodara	Desar	66KV Vachhesar	25	220kV Godhra	Jambuva	66	22.77739	73.39169	Godhra-5	Existing
883	Kheda	Galteshwar	66KV Vadad	30	132kV Nadiad	Nadiad	66	22.84404	73.26521	Nadiad-2	Existing
884	Aravalli	Dhansura	66KV Vadagam	30	220kV Dhansura	Himmatnagar	66	23.32822	73.1454	Dhansura-4	Existing
885	Junagadh	Malia	66KV Vadala	20	220kV Shapur	Junagadh	66	21.17303	70.3587	Shapur-3	Existing
886	Junagadh	Malia	66KV Vadala	15	220kV Keshod	Junagadh	66	21.17303	70.3587	Keshod-4	Existing
887	Mehsana	Kheralu	66KV Vadanagar	15	220kV Kheralu	Mehsana	66	23.77979	72.62909	Kheralu-8	Existing
888	Amreli	Kunkavav vadia	66KV Vadia	8	400kV Jetpur	Junagadh	66	21.69381	70.81321	Jetpur-5	Existing
889	Tapi	Songadh	66KV Vadibhesrot	30	220kV Ukai Hydro	Navsari	66	21.25468	73.5535	Ukai Hydro-3	Existing
890	Devbhoomi-Dwarka	Khambhalia	66KV Vadinar	30	132kV Sikka	Jamnagar	66	22.40961	69.72461	Sikka-1	Existing
891	Banaskantha	Deodar	66KV Vadiya	25	220kV Deodar	Palanpur	66	24.13786	71.70061	Deodar-5	Existing
892	Chhota-Udaipur	Jetpur pavi	66KV Vadoth	30	132kV Chhota Udepur	Jambuva	66	22.47238	73.80342	Chhota Udepur-3	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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- (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.
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893	Tapi	Songadh	66KV Vadpada	30	220kV Virpore	Navsari	66	21.0727	73.5356	Virpore-5	Existing
894	Tapi	Songadh	66KV Vadpada Pra. Umarda	30	220kV Virpore	Navsari	66	21.0664	73.60123	Virpore-5	Existing
895	Surat	Mahuva	66KV Vaheval	30	220kV Ambheta	Navsari	66	20.86386	73.30178	Ambheta-3	Existing
896	Dahod	Garbada	66KV Vajelav	30	132kV Dahod	Jambuva	66	22.75449	74.17406	Dahod-3	Existing
897	Morbi	Morbi	66KV Vajepar	30	220kV Morbi	Gondal	66	23.56751	70.50568	Morbi-7	Existing
898	Aravalli	Bhiloda	66KV Vakaner	15	220kV Bhutiya	Himmatnagar	66	23.7351	73.27129	Bhutiya-2	Existing
899	Mahisagar	santrampur	66KV Valakhedi	30	220kV Savdasnamuvada	Jambuva	66	23.13564	73.93023	Savdasnamuvada-2	Existing
900	Mehsana	Visnagar	66KV Valam	30	220kV Mehsana	Himmatnagar	66	23.71541	72.46948	Mehsana-5	Existing
901	Valsad	Valsad	66KV Valandi	30	220kV Atul	Navsari	66	20.54741	73.0705	Atul-3	Existing
902	Bhavnagar	Bhavnagar	66KV Valkat Gate	30	220kV Vartej	Amreli	66	21.47011	72.10298	Vartej-4	Existing
903	Surat	Surat	66KV Valod	30	220kV Mota	Navsari	66	21.05546	73.26806	Mota-2	Existing
904	Valsad	Valsad	66KV Valsad	30	220kV Atul	Navsari	66	20.5914	72.92094	Atul-6	Existing
905	Navsari	Vansda	66KV Vansda	50	220kV Ambheta	Navsari	66	20.76743	73.35436	Ambheta-2	Existing
906	Surat	Choryasi	66KV Vanz	50	220kV Talangpore	Navsari	66	21.07839	72.89062	Talangpore-2	Existing
907	Mehsana	Kheralu	66KV Varetha	15	220kV Kheralu	Mehsana	66	23.96098	72.66847	Kheralu-6	Existing
908	Kheda	Mahemdabad	66KV Varsola	30	132kV Mahemdabad	Nadiad	66	22.78139	72.82946	Mahemdabad-4	Existing
909	Sabarkantha	Vijaynagar	66KV Vasai	30	220kV Vijapur	Himmatnagar	66	23.53695	72.56761	Vijapur-3	Existing
910	Banaskantha	Palanpur	66KV Vasan	30	220kV Palanpur	Palanpur	66	24.1739	72.52722	Palanpur-3	Existing
911	Kheda	Vaso	66KV Vaso	25	132kV Mahemdabad	Nadiad	66	22.66741	72.752	Mahemdabad-2	Existing

**Renewable Energy integration : List of Substations (As on February-2023 condition)**

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912	Banaskantha	Deodar	66KV Vatam	25	220kV Deodar	Palanpur	66	24.21822	71.84153	Deodar-8	Existing
913	Gandhinagar	Dehgam	66kV Vatva	30	220kV Khanpur	Nadiad	66			Khanpur-3	Planned
914	Gandhinagar	Gandhinagar	66KV Vavol	30	220kV Jamla	Himmatnagar	66	23.28566	72.69122	Jamla-2	Existing
915	Ahmedabad	Daskroi	66KV Vehalal	40	220kV Barejadi	Nadiad	66	23.08661	72.75449	Barejadi-3	Existing
916	Panchmahal	Kalol	66KV Vejalpur	30	220kV Godhra	Jambuva	66	22.68078	73.54881	Godhra-2	Existing
917	Junagadh	Visavadar	66KV Vekariya	25	220kV Visavadar	Junagadh	66	21.32016	70.89387	Visavadar-5	Existing
918	Surat	Kamrej	66KV Velanja	50	220kV Kim	Bharuch	66	21.30619	72.91152	Kim-2	Existing
919	Mahisagar	Kadana	66kV Velanvada	30	220kV Savdasnamuvada	Jambuva	66			Savdasnamuvada-3	Planned
920	Valsad	Valsad	66KV Velvach	30	220kV Atul	Navsari	66	20.29058	73.07156	Atul-2	Existing
921	Gir-Somnath	Veraval	66KV Veraval	60	220kV Timbdi	Junagadh	66	20.91833	70.35894	Timbdi-5	Existing
922	Navsari	Navsari	66KV Vesma	15	220kV Navsari	Navsari	66	21.03628	72.98566	Navsari-4	Existing
923	Surat	Choryasi	66KV Vesu(II)	50	220kV Talangpore	Navsari	66	21.14048	72.75956	Talangpore-7	Existing
924	Ahmedabad	Sanand	66KV Vichhiya	50	220kV Bhat	Nadiad	66	22.91898	72.28764	Bhat-3	Existing
925	Gandhinagar	Mansa	66KV Vihar	30	220kV Vijapur	Himmatnagar	66	23.54187	72.63568	Vijapur-3	Existing
926	Rajkot	Rajkot	66KV Vijaynagar	30	400kV Hadala	Gondal	66	22.42289	70.76872	Hadala-3	Existing
927	Ahmedabad	Daskroi	66KV Vinzol	40	220kV Barejadi	Nadiad	66	22.94385	72.6466	Barejadi-3	Existing
928	Ahmedabad	Viramgam	66KV Viramgam	50	220kV Viramgam	Surendranagar	66	23.10945	72.05924	Viramgam-1	Existing
929	Banaskantha	Amirgadh	66KV Virampur	30	220kV Palanpur	Palanpur	66	24.27072	72.65701	Palanpur-3	Existing
930	Tapi	Valod	66KV Virpur	30	220kV Mota	Navsari	66	20.9616	73.3267	Mota-3	Existing

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931	Mahisagar	Virpur	66KV Virpur	25	220kV Savdasnamuvada	Himmatnagar	66	23.17915	73.4897	Savdasnamuvada-4	Existing
932	Anand	Petlad	66KV Virsad	30	220kV Karamsad	Nadiad	66	22.38809	72.78916	Karamsad-6	Existing
933	Ahmedabad	Sanand	66KV Vishalpur	60	220kV Bhat	Nadiad	66	22.92928	72.47363	Bhat-5	Existing
934	Banaskantha	Deesa	66KV Vithodar	15	400kV Zerda (Kansari)	Palanpur	66	24.434	72.18768	Zerda-2	Existing
935	Tapi	Vyara	66KV Vyara	30	220kV Virpore	Navsari	66	21.11227	73.40678	Virpore-2	Existing
936	Tapi	Vyara	66KV Vyara(II)	30	220kV Virpore	Navsari	66	21.11253	73.40595	Virpore-2	Existing
937	Kheda	Kapadvanj	66KV Vyas Vasna	15	220kV Dhansura	Nadiad	66	23.10705	73.11805	Dhansura-2	Existing
938	Dang	Waghai	66KV Waghai	30	220kV Ambheta	Navsari	66	20.76568	73.49589	Ambheta-2	Existing
939	Tapi	Songadh	66KV Waghnera	30	220kV Ukai Hydro	Navsari	66	21.21101	73.5057	Ukai Hydro-3	Existing
940	Aravalli	Meghraj	66KV Wagpur	20	220kV Faredi	Himmatnagar	66	23.6006	73.60312	Faredi-4	Existing
941			66KV Walthera	30	220kV Salejada	Nadiad	66			Salejada-5	Existing
942	Kheda	Mahemdabad	66KV Wathawadi	30	132kV Mahemdabad	Nadiad	66	22.82608	72.80288	Mahemdabad-3	Existing
943	Bharuch	Zagadia	66KV Zagadia	30	220kV Achhalia	Bharuch	66	21.70421	73.15042	Achhalia-2	Existing
944	Dahod	Zalod	66KV Zalod	30	220kV Rupakheda	Jambuva	66	23.09057	74.15083	Rupakheda-3	Existing
945	Bharuch	Bharuch	66KV Zantor	30	220kV Haldarwa	Bharuch	66	21.83572	73.11847	Haldarwa-3	Existing
946	Junagadh	Junagadh	66KV Zanzarda	40	220kV Shapur	Junagadh	66	21.52482	70.42297	Shapur-2	Existing
947	Ahmedabad	Bavla	66kV Zekada	50	220kV Bhat	Nadiad	66			Bhat-5	Planned
948	Mehsana	Palanpur	66KV Ambaji	25	220kV Kheralu	Palanpur	66	24.33312	72.85934	Kheralu-3	Existing
949	Mehsana	Palanpur	66KV Iqbalgadh	30	220kV Palanpur	Palanpur	66	24.34484	72.54051	Palanpur-2	Existing

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950	Mehsana	Palanpur	66KV Malan	30	220kV Palanpur	Palanpur	66	24.22118	72.53245	Palanpur-3	Existing
951	Mehsana	Palanpur	66KV Dantiwada	30	132kV Deesa	Palanpur	66	24.34484	72.54051	Deesa-4	Existing
952	Morbi	Morbi	66KV Ghuntu-2	50	220kV Morbi	Gondal	66	22.843	70.9182	Morbi-2	Existing
953	Morbi	Morbi	66KV Kalikanagar	60	220kV Lalpar	Gondal	66	22.81648	70.91823	Lalpar-2	Existing
954	Morbi	Wankaner	220KV Wankaner	100	220kV Wankaner	Gondal	220	22.62062	70.97327	Wankaner-1	Existing