

**Injection Capacity limits at Interconnection Point is to be as shown below:**

<b>Sl. No.</b>	<b>Interfacing/ grid substation (interconnection point)</b>	<b>Injection Voltage level (AC)</b>	<b>Injection capacity at substation (MW)</b>
1	132/33 kV	33 kV	10
2	132/33 kV	132 kV	20 to 50
3	220/132 kV	132 kV	20 to 50

**List of 132 kV Sub-Stations and Available Capacity in MW terms**

<b>SL. No.</b>	<b>Name of the Substation</b>	<b>Balance feasible capacity for injection (MW)</b>
<b>Hyderabad District</b>		
1	132/33KV Erragadda	<b>119</b>
2	132/33KV Jublee Hills	<b>107</b>
3	132/33KV Gunrock	<b>100</b>
4	132/33KV Chilkaguda GIS	<b>48</b>
5	132/33KV Hussian Sagar	<b>62</b>
6	132/33KV Imlibun	<b>114</b>
7	132/33KV Asif Nagar	<b>62</b>
	<b>Sub Total</b>	<b>611</b>
<b>Rangareddy District</b>		
8	132/33KV Turkayamjal	<b>30</b>
9	132/33KV Dharmasagar (Chevella)	<b>26</b>
10	132/33KV Parigi	<b>12</b>
11	132/33KV Medchal	<b>56</b>
12	132/33 KV Madhapur	<b>76</b>
13	132/33 KV Ramachandrapuram (RC Puram)	<b>56</b>
14	132/33 KV IDPL	<b>48</b>
15	132/33 KV Chintal	<b>48</b>
16	132/33 KV Puttapahad	<b>30</b>
17	132/33 KV Bandlaguda	<b>100</b>
18	132/33 KV Ibrahimpatnam	<b>43</b>
19	132/33 KV Yacharam (Takkalapally)	<b>22</b>
	<b>Sub Total</b>	<b>545</b>
<b>Medak District</b>		
20	132/33kV Kandi	<b>56</b>
21	132/33kV Gummadidala	<b>18</b>
22	132/33kV Tukkapur	<b>19</b>
23	132/33kV Chegunta	<b>19</b>
24	132/33kV Habsipur	<b>19</b>
25	132/33KV Narsapur	<b>13</b>
26	132/33KV Manoharabad	<b>39</b>
27	132/33KV Bollaram	<b>84</b>
28	132/33KV Pashamailaram	<b>54</b>
29	132/33KV Kowdipally	<b>15</b>
30	132/33KV Siddepet	<b>61</b>
31	132/33KV Gajwel	<b>49</b>
	<b>Sub Total</b>	<b>444</b>
<b>Mahabubnagar District</b>		
32	132/33 KV SS Kothur	<b>57</b>
33	132/33KV SS Ghanapur	<b>15</b>
34	132/33KV SS Mahabubnagar	<b>26</b>
35	132/33KV SS Peddadagada (Chinnamarror)	<b>15</b>
36	132/33KV SS Kosgi	<b>15</b>
	<b>Sub Total</b>	<b>129</b>

**List of 132 kV Sub-Stations and Available Capacity in MW terms**

<b>SL. No.</b>	<b>Name of the Substation</b>	<b>Balance feasible capacity for injection (MW)</b>
	<b>Nalgonda District</b>	
37	132/33 KV SS Nalgonda	<b>53</b>
38	132/33 KV Kodada	<b>36</b>
39	132/33 KV SS Suryapeta	<b>71</b>
40	132/33 KV SS Mattampally	<b>29</b>
41	132/33KVSS S.Gowraram	<b>31</b>
42	132/33 KV SS Thungathurthy	<b>22</b>
43	132/33KVSS Mothkur	<b>14</b>
44	132 KV SS Wadapally	<b>23</b>
45	132 KV SS Haliya	<b>28</b>
46	132 KV SS KM Pally	<b>38</b>
47	132 KV SS Disincherla	<b>39</b>
48	132 KV SS Kanagal	<b>39</b>
49	132 KV SS Bibinagar	<b>42</b>
50	132 KV SS Choutuppal	<b>22</b>
51	132/33KV SS Maduglapally	<b>10</b>
	<b>Sub Total</b>	<b>495</b>
	<b>Warangal District</b>	
52	132/33KV Narasampeta	<b>23</b>
53	132/33KV Peddanagaram	<b>15</b>
54	132/33KV Mulugu	<b>30</b>
55	132/33kV Kamalapur	<b>15</b>
56	132/33kV Chityala	<b>15</b>
57	132/33kV Ayyagaripalli	<b>46</b>
58	132/33kV Geesukonda	<b>30</b>
59	132/33kV Waddepally	<b>30</b>
60	132/33kV Nekkonda	<b>39</b>
61	132/33kV Wardhannapet	<b>39</b>
62	132/33kV Musthyal	<b>19</b>
63	132/33kV Ghanpur	<b>30</b>
64	132/33kV Chelpur	<b>23</b>
65	132/33kV Narmetta	<b>30</b>
66	132/33kV Raghunadhapalli	<b>39</b>
	<b>Sub Total</b>	<b>421</b>
	<b>Nizamabad District</b>	
67	132/33 KV Kamareddy	<b>23</b>
68	132/33 KV Domakonda	<b>14</b>
69	132/33 KV Bansuwada	<b>23</b>
70	132/33 KV Biknoor	<b>15</b>
71	132/33 KV Padmajiwadi	<b>13</b>
72	132KV SS Sirikonda	<b>23</b>
73	132/33kV SS Renjal	<b>15</b>
74	132KV SS Armoor	<b>23</b>
75	132KV SS Bichukunda	<b>23</b>
76	132/33kV Nizambad	<b>77</b>
77	132/33kV Jakora	<b>63</b>

**List of 132 kV Sub-Stations and Available Capacity in MW terms**

<b>SL. No.</b>	<b>Name of the Substation</b>	<b>Balance feasible capacity for injection (MW)</b>
78	132KV SS Morthad	<b>38</b>
79	132KV SS Bodhan	<b>15</b>
	<b>Sub Total</b>	<b>362</b>
	<b>Karimnagar District</b>	
80	132KV SS Karimnagar	<b>39</b>
81	132/33 KV Kataram	<b>23</b>
82	132KV SS Sircilla	<b>18</b>
83	132KV SS Husnabad	<b>30</b>
84	132KV SS Sultanabad (Suglampally)	<b>26</b>
85	132KV SS Dharmapuri	<b>23</b>
86	132KV SS Kamalapur	<b>23</b>
87	132KV SS Huzurabad	<b>23</b>
88	132KV SS Pudur	<b>30</b>
89	132KV SS Yellareddypeta	<b>19</b>
90	132KV SS Manakondur	<b>18</b>
91	132KV SS Dharmaram	<b>30</b>
92	132KV SS Goduru	<b>15</b>
93	132KV SS Manthani	<b>24</b>
94	132KV SS Jammikunta	<b>30</b>
95	132KV SS Ellanthakunta	<b>13</b>
96	132KV SS Korutla	<b>39</b>
97	132KV SS Karimnagar Water works	<b>30</b>
	<b>Sub Total</b>	<b>449</b>
	<b>Khammam District</b>	
98	132/33kV Khammam	<b>62</b>
99	132/33kV Kusumanchi	<b>29</b>
100	132/33kV Madira	<b>15</b>
101	132/33kV Yellandu	<b>23</b>
102	132/33kV Bhadarachalam	<b>23</b>
103	132/33kV Penuballi	<b>30</b>
104	132/33kV B.Gangaram	<b>39</b>
105	132/33kV Aswaraopet	<b>23</b>
106	132/33kV Thallada	<b>30</b>
	<b>Sub Total</b>	<b>273</b>
	<b>Adilabad District</b>	
107	132/33KV Adilabad	<b>30</b>
108	132/33kV Mancherial	<b>30</b>
109	132/33 KV Sirpurkagazanagar	<b>15</b>
110	132/33KV Laxettipet	<b>23</b>
111	132/33KV Bhainsa	<b>15</b>
112	132/33KV Mudhole	<b>15</b>
113	132/33KV Ichoda	<b>15</b>
114	132/33KV Utnoor	<b>15</b>
115	132/33KV Asifabad	<b>15</b>
	<b>Sub Total</b>	<b>173</b>

<b>List of 220 kV Sub-Stations and Available Capacity in MW terms</b>		
<b>SL. No.</b>	<b>Name of the Substation</b>	<b>Balance feasible capacity for injection (MW)</b>
	<b>Mahabubnagar District</b>	
1	220/132/33 kV Shadnagar	225
2	220/132/33 kV Mahabubnagar (Bhootpur)	179
3	220/132 kV Kalwakurthy	143
4	220/132/33 kV Wanaparthy	71
	<b>Sub-Total</b>	<b>617</b>
	<b>Medak District</b>	
8	220/132 kV Yeddumailaram	200
	<b>Sub-Total</b>	<b>200</b>
	<b>Nalgonda District</b>	
9	220/132/33 kV Miryalguda	260
11	220/132/33 kV Narketpally	192
12	220/132/33 kV Bhonigir	66
	<b>Sub-Total</b>	<b>517</b>
	<b>Warangal District</b>	
13	220/132/33 kV Warangal	233
14	220/132/33 kV Waddekothapally	75
	<b>Sub-Total</b>	<b>307</b>
	<b>Karimanagar District</b>	
15	220/132/33 kV Durshed	174
16	220/132 kV Jagityal	95
	<b>Sub-Total</b>	<b>269</b>
	<b>Adilabad District</b>	
17	220/132/33 kV Nirmal	34
18	220/132 kV Mandamarri	47
	<b>Sub-Total</b>	<b>81</b>
	<b>Nizamabad District</b>	
19	220/132/33 kV Bheemgal	134
21	220/132/33 kV Dichpally	201
	<b>Sub-Total</b>	<b>335</b>
	<b>Khammam District</b>	
22	220/132 kV Budidampadu	95
23	220/132/33 kV Manuguru	110
	<b>Sub-Total</b>	<b>205</b>
	<b>Ranga Reddy District</b>	
24	220/132/33 kV Miyapur	190
25	220/132/33 kV Fabcity	71
26	220/132/33 kV Shapurnagar	316
27	220/132/33 kV Gachibowli	333
28	220/132/33 kV Tandur	33
29	220/132/33 kV Malkaram	143
30	220/132/33 kV Moulali	299
31	220/132/33 kV Ghanapur	214
32	220/132/33 kV Chandrayangutta	423
33	220/132/33 kV Shivarampally	342
34	220/132/33 kV Shamshabad (Chinna Golkonda)	110
35	220/132 kV Nagole	30

<b>List of 220 kV Sub-Stations and Available Capacity in MW terms</b>		
<b>SL. No.</b>	<b>Name of the Substation</b>	<b>Balance feasible capacity for injection (MW)</b>
36	220/132 kV Bonguluru (Adibatla)	71
37	220/132 kV Medchal	200
38	220/33 kV HIAL	19
	<b>Sub-Total</b>	<b>2793</b>
	<b>Hyderabad District</b>	
39	220/132 kV Gunrock	152
40	220/132 kV Erragadda	152
41	220/132 kV Osmania Univ.	152
	<b>Sub-Total</b>	<b>456</b>