

Expected Hourly Percentage Loads in a Day -Category Wise																		
Hour of the Day	Low Tension Categories								High tension (11kV)									
	Domestic (LT I)	Commercial (LT II)	Industry (LT III)	Cottage Industry (LT IV)	Agriculture (LT V)	Street Lighting & PWS (LT VI)	Others (LT VII & LT VIII)	Spare	Industry (HT IA)	Ferro Alloys (HT IB)	Others (HT II)	Railway Stations, Bus Stations & Airports (HT III)	Irrigation, Agriculture & CPWS (HT IV)	Townships & Residential Colonies (HT VI)	Spare (Temporary)	RESCOS	Industry (HT IA)	Ferro Alloys (HT IB)
1 A:M	73%	56%	74%	29%	60%	50.00%	50.00%	1.00%	87%	99.34%	74%	74%	86%	50%	70%	57%	79%	99%
2 A:M	68%	55%	69%	26%	61%	50.00%	50.00%	1.00%	81%	98.66%	69%	71%	87%	50%	71%	57%	77%	99%
3 A:M	71%	54%	74%	25%	63%	50.00%	50.00%	1.00%	86%	99.79%	66%	69%	87%	50%	70%	57%	83%	99%
4 A:M	72%	56%	76%	31%	66%	45.00%	45.00%	1.00%	87%	99.14%	63%	71%	90%	50%	72%	62%	85%	99%
5 A:M	76%	59%	79%	27%	70%	50.00%	50.00%	1.00%	88%	98.66%	63%	74%	91%	50%	73%	69%	87%	99%
6 A:M	83%	63%	83%	33%	77%	50.00%	50.00%	1.00%	90%	96.83%	65%	74%	94%	50%	75%	78%	90%	99%
7 A:M	94%	70%	85%	90%	88%	50.00%	50.00%	1.00%	91%	97.27%	73%	74%	95%	57%	77%	95%	95%	99%
8 A:M	100%	76%	87%	44%	98%	40.00%	40.00%	1.00%	92%	96.55%	73%	60%	97%	100%	77%	100%	99%	100%
9 A:M	95%	74%	92%	55%	100%	40.00%	40.00%	1.00%	97%	98.25%	72%	55%	100%	100%	77%	94%	100%	99%
10 A:M	89%	75%	97%	56%	98%	40.00%	40.00%	1.00%	98%	97.70%	74%	59%	100%	49%	82%	96%	100%	98%
11 A:M	85%	80%	100%	70%	97%	40.00%	40.00%	1.00%	99%	96.73%	77%	61%	99%	47%	82%	95%	99%	97%
12 A:M	83%	83%	99%	88%	96%	30.00%	30.00%	30.00%	98%	96.19%	78%	65%	98%	47%	87%	85%	98%	93%
13 P:M	81%	83%	97%	70%	94%	30.00%	30.00%	30.00%	96%	97.48%	79%	63%	99%	53%	87%	77%	99%	94%
14 P:M	78%	82%	95%	96%	94%	30.00%	30.00%	30.00%	94%	97.93%	81%	66%	98%	49%	86%	81%	99%	93%
15 P:M	77%	81%	97%	88%	93%	30.00%	30.00%	30.00%	97%	98.97%	84%	73%	99%	49%	86%	87%	97%	97%
16 P:M	76%	82%	98%	86%	91%	50.00%	50.00%	30.00%	98%	99.34%	81%	82%	98%	50%	87%	86%	98%	97%
17 P:M	79%	84%	98%	86%	87%	50.00%	50.00%	30.00%	100%	99.32%	80%	91%	96%	50%	91%	85%	94%	97%
18 P:M	90%	94%	98%	79%	49%	70.00%	70.00%	30.00%	100%	98.10%	90%	97%	88%	57%	99%	88%	68%	98%
19 P:M	97%	100%	93%	75%	31%	100.00%	100.00%	30.00%	100%	99.85%	99%	100%	83%	100%	100%	88%	65%	99%
20 P:M	97%	96%	89%	80%	29%	90.00%	90.00%	30.00%	95%	100.00%	100%	94%	78%	100%	98%	83%	61%	99%
21 P:M	92%	87%	86%	61%	27%	60.00%	60.00%	30.00%	93%	98.88%	98%	90%	76%	100%	94%	74%	59%	99%
22 P:M	86%	73%	82%	51%	25%	60.00%	60.00%	30.00%	92%	99.38%	89%	87%	76%	100%	88%	68%	57%	99%
23 P:M	80%	66%	78%	44%	24%	50.00%	50.00%	30.00%	90%	99.74%	85%	84%	77%	50%	82%	61%	57%	100%
24 P:M	75%	60%	76%	37%	35%	50.00%	50.00%	30.00%	89%	99.45%	79%	79%	77%	50%	80%	61%	73%	100%

Note: Demand readings on the Feeders are assumed to be taken after switching operation takes place.

Load Factor	83.3%	74.54%	87.79%	59.55%	68.89%	50.21%	50.21%	16.71%	93.24%	98.48%	78.84%	75.55%	90.37%	62.87%	82.92%	78.44%	84.20%	97.92%
Sum of load factors %	19.99	17.9	21.1	14.3	16.5	12.1	12.1	4.0	22.4	23.6	18.9	18.1	21.7	15.1	19.9	18.83	20.2	23.5
Peak %	100.00%	100.00%	100.00%	95.98%	100.00%	100.00%	100.00%	30.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Cat: Peak Demand	580	147	32	2	1208	84	15	1	139	0	26	1	23	2	3	137	20	0
Daily MU	11.60	2.63	0.67	0.02	19.97	1.01	0.18	0.00	3.11	0.00	0.50	0.02	0.50	0.02	0.07	2.58	0.40	0.00
Total Daily MU	58.0																	
Annual Load Factor	11.601	2.628	0.666	0.025	19.974	1.014	0.178	0.003	3.106	0.000	0.501	0.021	0.501	0.024	0.069	2.579	0.402	0.000

High tension (33kV)					EHT										Total demand for the hour
Others (HT II)	Railway Stations, Bus Stations & Airports (HT III)	Irrigation, Agriculture & CPWS (HT IV)	Townships & Residential Colonies (HT VI)	Spare (Temporary)	Industry (HT IA)	Ferro Alloys (HT IB)	Others (HT II)	Railway Stations, Bus Stations & Airports	Irrigation, Agriculture & CPWS (HT IV)	Traction (HT V)	HMR (HT VB)	Spare (Temporary)	CPWS (Carved out of LT -VI CPWS sales & LT: III Industry Category)	Townships & Residential Colonies	
73%	28.71%	87%	65%	61%	90%	93%	96%	29%	79%	65%	79.28%	1.00%	-	1.00%	2158.9
73%	25.55%	88%	66%	63%	90%	93%	96%	26%	80%	67%	84.35%	1.00%	-	1.00%	2133.8
73%	24.82%	88%	67%	67%	90%	100%	96%	25%	82%	71%	86.88%	1.00%	-	1.00%	2193.0
74%	31.32%	97%	68%	72%	91%	95%	98%	31%	100%	73%	88.38%	1.00%	-	1.00%	2342.0
79%	27.02%	90%	69%	75%	94%	97%	98%	27%	83%	74%	89.46%	1.00%	-	1.00%	2356.2
93%	33.22%	94%	76%	80%	88%	95%	98%	33%	80%	78%	90.71%	1.00%	-	1.00%	2486.0
100%	41.19%	93%	91%	88%	74%	95%	98%	41%	81%	87%	92.77%	1.00%	-	1.00%	2723.1
96%	44.40%	100%	100%	94%	66%	94%	98%	44%	83%	99%	92.69%	1.00%	-	1.00%	2902.0
93%	55.50%	94%	93%	93%	64%	93%	97%	55%	83%	100%	94.86%	1.00%	-	1.00%	2888.8
87%	56.33%	97%	84%	94%	58%	93%	97%	56%	85%	91%	96.95%	1.00%	-	1.00%	2842.5
83%	70.22%	94%	82%	95%	55%	91%	96%	70%	84%	88%	96.30%	1.00%	-	1.00%	2801.4
81%	88.44%	94%	80%	98%	56%	92%	99%	88%	85%	82%	96.42%	1.00%	-	1.00%	2751.2
78%	99.00%	91%	78%	96%	58%	93%	99%	99%	87%	85%	92.85%	1.00%	-	1.00%	2722.3
77%	95.98%	92%	78%	100%	55%	92%	98%	96%	85%	78%	92.99%	1.00%	-	1.00%	2690.0
78%	87.53%	91%	79%	98%	49%	94%	98%	88%	86%	75%	93.28%	1.00%	-	1.00%	2672.4
78%	86.12%	92%	80%	97%	57%	90%	98%	82%	84%	80%	93.20%	1.00%	-	1.00%	2676.4
76%	86.36%	92%	79%	90%	85%	91%	99%	86%	85%	99%	94.56%	1.00%	-	1.00%	2686.0
63%	78.95%	90%	65%	52%	98%	91%	100%	79%	85%	94%	91.70%	1.00%	-	1.00%	2334.3
69%	74.00%	89%	59%	41%	100%	84%	99%	75%	87%	80%	91.64%	1.00%	-	1.00%	2201.8
69%	79.95%	92%	54%	38%	97%	85%	99%	80%	84%	92%	90.85%	1.00%	-	1.00%	2135.1
69%	60.64%	89%	51%	34%	98%	83%	98%	61%	83%	80%	90.77%	1.00%	-	1.00%	2004.2
67%	51.13%	89%	48%	32%	90%	91%	98%	51%	81%	75%	91.94%	1.00%	-	1.00%	1891.7
64%	44.39%	88%	54%	40%	77%	94%	98%	44%	82%	65%	86.78%	1.00%	-	1.00%	1783.0
71%	37.28%	87%	54%	40%	77%	93%	98%	37%	82%	60%	83.87%	1.00%	-	1.00%	1885.3
															2902.0

77.59%	58.67%	91.50%	71.70%	72.41%	77.43%	92.21%	97.93%	58.55%	83.90%	80.74%	90.98%	1.00%	-	1.00%
18.6	14.1	22.0	17.2	17.4	18.6	22.1	23.5	14.1	20.1	19.4	21.8	0.2	0.0	0.2
100.00%	99.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.00%	100.00%	99.76%	96.95%	1.00%	-	1.00%
1	0	47	4	1	96	0	1	0	509	77	0	14	0	1203
0.02	0.00	1.03	0.07	0.01	1.79	0.00	0.02	0.00	10.25	1.50	0.00	0.00	0.00	0.29
0.019	0.000	1.027	0.073	0.009	1.786	0.000	0.015	0.000	10.247	1.500	0.000	0.003	0.000	0.289