

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED																
Sl. No.	Name of the Division	No of Transformers existing during the F. Year 2018-19					No of Transformers failed during the Year F. 2018-19					% Failure during the Year F. 2018-19				
1	2	3					4					5=(4/3)*100				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	HUBBALLI URBAN	91	323	2524	520	3458	12	25	107	57	201	13.19	7.74	4.24	10.96	5.813
2	HUBBALLI RURAL	1543	566	400	13	2522	165	81	59	3	308	10.69	14.3	14.8	23.08	12.21
3	DHARWAD	4058	1629	2003	125	7815	560	317	172	6	1055	21.7	31.3	20.5	9.762	21.45
4	Gadag	4145	1101	1125	111	6482	484	307	144	13	948	11.68	27.9	12.8	11.71	14.63
5	Ron	1515	638	335	20	2508	174	168	105	5	452	11.49	26.3	31.3	25	18.02
6	HAVERI	8528	2224	1525	47	12324	483	465	333	3	1284	5.66	20.9	21.8	6.38	10.42
7	Ranebennur-1	7710	2221	1814	51	11796	544	556	430	1	1531	7.06	25.0	23.7	1.96	12.98
8	SIRSI	1140	498	8	4273	5919	210	83	0	697	990	18.42	16.7	0	16.31	51.4
9	Honnavar	1001	996	479	42	2518	216	177	82	2	477	21.58	17.8	17.1	4.762	61.23
10	Dandeli	1893	288	293	15	2489	109	53	33	1	196	5.758	18.4	11.3	6.667	42.09
11	Karwar	615	419	342	41	1417	133	73	0	0	206	21.63	17.4	0	0	14.54
<b>HUBLI ZONE</b>		32239	10903	10848	5258	59248	3090	2305	1465	788	7648	9.585	21.1	13.5	14.99	12.91
<b>BGM Zone total</b>		91576	38128	24561	1909	156174	7060	6162	4359	131	17712	7.709	16.2	17.7	6.862	11.34
<b>HESCOM TOTAL</b>		123815	49031	35409	7167	215422	10150	8467	5824	919	25360	8.198	17.3	16.4	12.82	11.77

Note: Action Plan for to reduce DTC Failur rate:

1.Additional DTC provided for existing over loaded DTC's. 2.LT reconductoring & streingthning of LT line carried out in PMREA account head. 3.Frequent maintainance of the existing DTC carriedout by maintainance staffs. 4. Tree branches cutting work in LT side are carried out by maintainance staffs. 5.Repaired good transformer from agency compulsory tested in transformer testing bench the failed transormers in transformer testing are proposed to scrap.

**Executive Engineer (EI)**


RA Section

Corporate Office, Hescocom

Navanagar, Hubballi - 580 025

**HUBLI ELECTRICITY SUPPLY COMPANY LIMITED**

Sl. No.	Name of the Division	No of Transformers repaired during the F. Year 2018-19					No of repaired Transformers issued to the field during the F. Year 2018-19					No of failed Transformers considered as not repairable during the F. Year 2018-19				
		6					7					8=5-6				
1	2	6					7					8=5-6				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	HUBBALLI URBAN	9	16	82	45	152	12	25	95	49	181	0	0	0	0	0
2	HUBBALLI RURAL	165	81	59	3	308	165	81	59	3	308	0	0	0	0	0
3	DHARWAD	379	247	156	3	785	375	243	150	3	771	4	4	6	0	14
4	Gadag	436	286	137	0	859	435	278	136	11	860	6	1	1	0	8
5	Ron	146	159	97	5	407	174	168	105	5	452	2	1	1	0	4
6	HAVERI	413	420	314	3	1150	413	420	314	3	1150	70	45	19	0	134
7	Ranebennur-1	460	533	414	0	1407	510	545	423	0	1478	27	10	14	0	51
8	SIRSI	341	110	0	848	1299	196	80	0	668	944	11	1	0	24	36
9	Honnavar	137	130	70	0	337	205	175	82	2	464	4	3	0	0	7
10	Dandeli	77	43	31	1	152	64	51	22	1	138	0	0	0	0	0
11	Karwar	126	74	53	3	256	121	72	49	3	245	4	2	0	0	6
<b>HUBLI ZONE</b>		2689	2099	1413	911	7112	2670	2138	1435	748	6991	128	67	41	24	260
<b>BGM Zone total</b>		6357	5995	4347	121	16820	6755	6010	4261	167	17193	249	117	127	25	518
<b>HESCOM TOTAL</b>		9046	8094	5760	1032	23932	9425	8148	5696	915	24184	377	184	168	49	778

  
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Sl. No.	Name of the Division	No of failed Transformers replacement by new transformers during the F. Year 2018-19					Balance No of failed Transformers yet to be replaced during the end of F. Year 2018-19				
		9					10				
1	2	9					10				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	HUBBALLI URBAN	12	8	0	0	20	0	0	0	0	0
2	HUBBALLI RURAL	0	0	0	0	0	0	0	0	0	0
3	DHARWAD	0	0	0	0	0	0	19	19	0	0
4	Gadag	5	0	12	2	19	1	3	4	0	8
5	Ron	0	0	0	0	0	0	0	0	0	0
6	HAVERI	19	8	3	0	30	0	0	0	0	0
7	Ranebennur-1	50	12	9	0	71	1	4	3	0	8
8	SIRSI	14	3	0	29	46	0	0	0	0	0
9	Honnavar	5	2	0	0	7	8	0	0	0	8
10	Dandeli	45	2	11	0	58	0	0	0	0	0
11	Karwar	0	0	12	1	13	0	26	0	0	26
<b>HUBLI ZONE</b>		150	35	47	32	264	10	52	26	0	50
<b>BGM Zone total</b>		481	188	161	0	830	25	25	22	0	75
<b>HESCOM TOTAL</b>		631	223	208	32	1094	35	77	48	0	125



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Sl. No.	Name of the Division	No of Transformers existing during the F. Year APR19 to NOV 19					No of Transformers failed during the Year F. APR19 to NOV 19					% Failure during the Year F. APR19 to NOV 19				
1	2	3					4					5=(4/3)*100				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	HUBBALLI URBAN	93	334	2539	521	3487	11	17	125	50	203	11.83	5.09	4.923	9.597	5.822
2	HUBBALLI RURAL	1871	607	432	14	2924	96	64	39	5	204	5.131	10.54	9.028	35.71	6.977
3	DHARWAD	4234	1652	2025	128	8039	346	177	156	10	689	14.44	16.89	17.75	9.259	14.62
4	Gadag	4199	1102	1127	112	6540	279	186	118	7	590	6.644	16.88	10.47	6.25	9.021
5	Ron	1560	641	335	20	2556	196	136	82	2	416	12.56	21.22	24.48	10	16.28
6	HAVERI	8718	2232	1527	47	12524	283	195	166	2	646	3.246	8.737	10.87	4.255	5.158
7	Ranebennur-1	8399	2264	1841	51	12555	396	373	309	3	1081	4.715	16.48	16.78	5.882	8.61
8	SIRSI	2627	1140	498	8	4273	282	169	90	1	542	10.73	14.82	18.07	12.5	56.13
9	Honnavar	1016	1001	482	43	2542	218	188	101	4	511	21.46	18.78	20.95	9.302	70.49
10	Dandeli	1928	288	293	16	2525	73	27	37	1	138	3.786	9.375	12.63	6.25	32.04
11	Karwar	616	420	347	45	1428	154	63	51	3	271	25	15	14.7	6.667	18.98
<b>HUBLI ZONE</b>		35261	11681	11446	1005	59393	2334	1595	1274	88	5291	6.62	13.65	11.13	8.76	8.91
<b>BGM Zone total</b>		95595	38286	24620	1921	2E+05	5780	4548	3607	159	14094	6.05	11.88	14.65	8.28	8.79
<b>HESCOM TOTAL</b>		130856	49967	36066	2926	2E+05	8114	6143	4881	247	19385	6.20	12.29	13.53	8.44	8.82
<p>Note: Action Plan for to reduce DTC Failur rate: 1.Additional DTC provided for existing over loaded DTC's. 2.LT reconductoring &amp; streingthning of LT line carried out in PMREA account head. 3.Frequent maintainance of the existing DTC carriedout by maintainance staffs. 4. Tree branches cutting work in LT side are carried out by maintainance staffs. 5.Repaired good transformer from agency compulsory tested in transformer testing bench the failed transformors in transformer testing are proposed to scrap.</p>																

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Sl. No.	Name of the Division	No of Transformers repaired during the F. Year APR19 to NOV 19					No of repaired Transformers issued to the field during the F. Year APR19 to NOV 19					No of failed Transformers considered as not repairable during the F. Year APR19 to NOV 19				
1	2	6					7					8=5-6				
	Transformers Capacity	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total
1	HUBBALLI URBAN	2	12	92	27	133	11	17	121	50	199	0	0	0	0	0
2	HUBBALLI RURAL	96	64	39	5	204	96	64	39	5	204	0	0	0	0	0
3	DHARWAD	237	137	126	4	504	230	136	123	4	493	7	1	3	0	11
4	Gadag	542	367	309	0	1218	281	188	107	7	583	0	0	1	0	1
5	Ron	171	120	77	2	370	192	134	80	2	408	3	3	2	0	8
6	HAVERI	190	170	144	2	506	190	170	144	2	506	93	25	22	0	140
7	Ranebennur-1	415	427	328	0	1170	449	432	338	0	1219	34	9	14	0	57
8	SIRSI	259	154	73	0	486	282	169	85	1	537	13	3	0	0	16
9	Honnavar	118	122	67	0	307	206	165	91	4	466	5	2	0	0	7
10	Dandeli	77	33	50	0	160	73	18	31	1	123	0	0	0	0	0
11	Karwar	142	70	51	3	266	138	63	46	3	250	1	1	0	0	2
HUBLI ZONE		2249	1676	1356	43	5324	2148	1556	1205	79	4988	156	44	42	0	242
BGM Zone total		5289	4119	3308	134	12850	5279	4094	3277	138	12788	122	68	54	0	244
HESCOM TOTAL		7538	5795	4664	177	18174	7427	5650	4482	217	17776	278	112	96	0	486

  
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Sl. No.	Name of the Division	No of failed Transformers replacement by new transformers during the F. Year APR19 to NOV 19					Balance No of failed Transformers yet to be replaced during the end of F. Year APR19 to NOV 19				
1	2	9					10				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	HUBBALLI URBAN	0	0	4	0	4	0	0	0	0	0
2	HUBBALLI RURAL	0	0	0	0	0	0	0	0	0	0
3	DHARWAD	0	0	0	0	0	11	2	7	2	22
4	Gadag	0	0	0	0	0	10	3	2	0	15
5	Ron	10	1	0	0	11	0	2	2	0	4
6	HAVERI	2	1	9	0	12	0	0	0	0	0
7	Ranebennur-1	34	5	10	0	49	5	7	4	0	16
8	SIRSI	0	0	5	0	5	0	3	0	0	3
9	Honnavar	10	6	4	0	20	10	17	6	0	33
10	Dandeli	0	9	6	0	15	3	1	1	1	6
11	Karwar	0	0	16	0	16	0	21	0	0	21
<b>HUBLI ZONE</b>		<b>56</b>	<b>22</b>	<b>54</b>	<b>0</b>	<b>132</b>	<b>39</b>	<b>56</b>	<b>22</b>	<b>3</b>	<b>120</b>
<b>BGM Zone total</b>		<b>103</b>	<b>103</b>	<b>114</b>	<b>0</b>	<b>324</b>	<b>132</b>	<b>132</b>	<b>38</b>	<b>0</b>	<b>261</b>
<b>HESCOM TOTAL</b>		<b>159</b>	<b>125</b>	<b>168</b>	<b>0</b>	<b>456</b>	<b>171</b>	<b>188</b>	<b>60</b>	<b>3</b>	<b>381</b>

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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

Annexure - B1


Sl. No.	Name of the Division	No of Tranformers existing during the F. Year 2018-19					No of Transformers failed during the Year F. 2018-19					% Failure during the Year F. 2018-19				
		15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	2	3					4					5=(4/3)*100				
1	Belagavi U	313	555	1559	630	3057	6	28	97	52	183	1.92	5.05	6.22	8.25	5.99
2	Belagavi R	4501	1911	1226	40	7678	700	543	303	4	1550	15.55	28.41	24.71	10.00	20.19
3	Bailhongal	7991	2668	1399	32	12090	835	665	364	4	1868	10.45	24.93	26.02	12.50	15.45
4	Ramadurg	4128	1293	454	15	5890	458	351	147	0	956	11.09	27.15	32.38	0.00	16.23
5	Ghataprabha	8237	2944	1653	72	12906	554	561	333	7	1455	6.73	19.06	20.15	9.72	11.27
6	Chikkodi	4093	2625	1710	89	8517	443	533	382	5	1363	10.82	20.30	22.34	5.62	16.00
7	Athani	5116	2809	1893	44	9862	455	588	414	2	1459	8.89	20.93	21.87	4.55	14.79
8	Raibag	8077	3381	1504	114	13076	599	588	466	17	1670	7.42	17.39	30.98	14.91	12.77
9	Vijayapur	7896	2879	2815	125	13715	582	424	403	5	1414	7.37	14.73	14.32	4.00	10.31
10	Indi	11362	4775	2526	76	18739	374	269	167	0	810	3.29	5.63	6.61	0.00	4.32
11	Basavana Bagewadi	7174	2261	1185	56	10676	411	235	151	6	803	5.73	10.39	12.74	10.71	7.52
12	Bagalkot	8758	3060	2525	445	14788	666	466	392	9	1533	7.60	15.23	15.52	2.02	10.37
13	Jamkhandi	7300	3778	2399	160	13637	511	467	452	17	1447	7.00	12.36	18.84	10.63	10.61
14	Mudhol	6630	3189	1713	11	11543	466	444	288	3	1201	7.03	13.92	16.81	27.27	10.40
<b>BGM Zone total</b>		<b>91576</b>	<b>38128</b>	<b>24561</b>	<b>1909</b>	<b>156174</b>	<b>7060</b>	<b>6162</b>	<b>4359</b>	<b>131</b>	<b>17712</b>	<b>7.71</b>	<b>16.16</b>	<b>17.75</b>	<b>6.86</b>	<b>11.34</b>
		Action taken to reduce Transformer Failure. 1)Additional DTCs are provided on existing overloaded DTCs under UAIP,GK , IPDS and DDUGJY 2)Cutting of tree branches touching to HT/LT lines 3)Stringing of loose span of HT/LT lines 4)Renewal of earthings and replacement damaged cables 5)Balancing the load 6) Over loaded 25kva tc has been enhanced to higher capacity 63kva and 100kva 7) HT/LT Reconductoring 8) Unauthorised load is disconnected,														



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		15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	Belagavi U	6	28	97	52	183	6	28	97	52	183	0	0	0	0	0
2	Belagavi R	536	569	448	4	1557	700	543	303	46	1592	2	5	4	0	11
3	Bailhongal	835	665	364	4	1868	835	665	364	4	1868	16	9	13	0	38
4	Ramadurg	427	334	136	1	898	427	334	136	1	898	1	2	1	0	4
5	Ghataprabha	576	597	413	0	1586	576	597	413	0	1586	13	14	15	0	42
6	Chikkodi	396	495	356	5	1252	386	495	356	5	1242	27	20	22	0	69
7	Athani	276	547	369	0	1192	452	588	413	2	1455	6	4	8	0	18
8	Raibag	540	538	421	17	1516	540	538	421	17	1516	13	6	18	0	37
9	Vijayapur	582	424	403	5	1414	541	407	378	5	1331	41	17	25	0	83
10	Indi	340	261	162	0	763	340	261	162	0	763	47	13	6	25	91
11	Basavana Bagewadi	349	202	129	5	685	407	233	149	6	795	8	4	3	0	15
12	Bagalkot	593	469	342	11	1415	666	466	384	9	1525	30	12	5	0	47
13	Jamkhandi	504	464	446	17	1431	482	453	424	17	1376	7	3	6	0	16
14	Mudhol	397	402	261	0	1060	397	402	261	3	1063	38	8	1	0	47
<b>BGM Zone total</b>		<b>6357</b>	<b>5995</b>	<b>4347</b>	<b>121</b>	<b>16820</b>	<b>6755</b>	<b>6010</b>	<b>4261</b>	<b>167</b>	<b>17193</b>	<b>249</b>	<b>117</b>	<b>127</b>	<b>25</b>	<b>518</b>

  
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		15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	Belagavi U	0	0	0	0	0	0	0	0	0	0
2	Belagavi R	18	13	6	0	37	0	0	0	0	0
3	Bailhongal	39	29	18	0	86	0	0	0	0	0
4	Ramadurg	61	20	11	0	92	0	3	0	0	3
5	Ghataprabha	8	7	4	0	19	0	0	0	0	0
6	Chikkodi	22	7	13	0	42	0	0	0	0	0
7	Athani	62	9	18	0	89	3	0	1	0	4
8	Raibag	59	50	45	0	154	0	0	0	0	0
9	Vijayapur	41	17	25	0	83	0	0	0	0	0
10	Indi	16	3	2	0	21	18	5	3	0	26
11	Basavana Bagewadi	12	7	5	0	24	4	2	2	0	8
12	Bagalkot	95	23	0	0	118	0	0	8	0	8
13	Jamkhandi	22	3	14	0	39	0	8	8	0	16
14	Mudhol	26	0	0	0	26	0	10	0	0	10
<b>BGM Zone total</b>		<b>481</b>	<b>188</b>	<b>161</b>	<b>0</b>	<b>830</b>	<b>25</b>	<b>25</b>	<b>22</b>	<b>0</b>	<b>75</b>

  
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HUBLI ELECTRICITY SUPPLY COMPANY LIMITED

*Annexure - B2*


Sl. No.	Name of the Division	No of Transformers existing during the F. Year APR19 to NOV 19					No of Transformers failed during the Year F. APR19 to NOV 19					% Failure during the Year F. APR19 to NOV 19				
		15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	Belagavi U	311	578	1563	637	3089	10	27	81	50	168	3.22	4.67	5.18	7.85	5.44
2	Belagavi R	4989	1919	1227	41	8176	347	238	186	2	773	6.96	12.40	15.16	4.88	9.45
3	Bailhongal	8207	2671	1404	32	12314	505	344	232	1	1082	6.15	12.88	16.52	3.13	8.79
4	Ramadurg	4191	1293	454	15	5953	326	214	123	0	663	7.78	16.55	27.09	0.00	11.14
5	Ghataprabha	9086	2960	1658	72	13776	379	391	352	11	1133	4.17	13.21	21.23	15.28	8.22
6	Chikkodi	4254	2676	1721	89	8740	390	387	261	10	1048	9.17	14.46	15.17	11.24	11.99
7	Athani	5236	2818	1895	44	9993	347	322	251	5	925	6.63	11.43	13.25	11.36	9.26
8	Raibag	8315	3388	1504	114	13321	522	446	321	12	1301	6.28	13.16	21.34	10.53	9.77
9	Vijayapur	8468	2884	2817	129	14298	520	368	392	16	1296	6.14	12.76	13.92	12.40	9.06
10	Indi	11638	4792	2541	76	19047	431	348	244	6	1029	3.70	7.26	9.60	7.89	5.40
11	Basavana Bagewadi	7550	2262	1185	56	11053	617	295	162	7	1081	8.17	13.04	13.67	12.50	9.78
12	Bagalkot	8925	3062	2535	445	14967	513	402	336	17	1268	5.75	13.13	13.25	3.82	8.47
13	Jamkhandi	7669	3785	2399	160	14013	499	416	421	21	1357	6.51	10.99	17.55	13.13	9.68
14	Mudhol	6756	3198	1717	11	11682	374	350	245	1	970	5.54	10.94	14.27	9.09	8.30
<b>BGM Zone total</b>		<b>95595</b>	<b>38286</b>	<b>24620</b>	<b>1921</b>	<b>160422</b>	<b>5780</b>	<b>4548</b>	<b>3607</b>	<b>159</b>	<b>14094</b>	<b>6.05</b>	<b>11.88</b>	<b>14.65</b>	<b>8.28</b>	<b>8.79</b>
		Action taken to reduce Transformer Failure. are provided on existing overloaded DTCs under UAIP,GK , IPDS and DDUGJY branches touching to HT/LT lines 3)Stringing of loose span of HT/LT lines 4)Renewal of earthings and replacement damaged cables 5)Balancing the load 6) Over loaded 25kva tc has been enhanced to higher capacity 63kva and 100kva HT/LT Reconductoring 8) Unauthorised load is disconnected,														
		1)Additional DTCs 2)Cutting of tree 7)														

  
**Executive Engineer (EI)**  
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 Corporate Office, Hescor  
 Navanagar, Hubballi - 580 025

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED																
Sl. No.	Name of the Division	No of Transformers repaired during the F. Year APR19 to NOV 19					No of repaired Transformers issued to the field during the F. Year APR19 to NOV 19					No of failed Transformers considered as not repairable during the F. Year APR19 to NOV 19				
1	2	6					7					8				
	Transformers Capacity	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total	15/25 KVA	63 KVA	100 KVA	200/250 KVA	Total
1	Belagavi U	10	27	81	50	168	10	27	81	50	168	0	0	0	0	0
2	Belagavi R	345	237	184	2	768	347	238	186	2	773	2	1	2	0	5
3	Bailhongal	505	330	226	1	1062	505	330	226	1	1062	12	5	5	0	22
4	Ramadurg	318	214	104	1	637	318	214	104	1	637	2	1	2	0	5
5	Ghataprabha	368	359	318	0	1045	368	359	318	0	1045	10	15	12	0	37
6	Chikkodi	359	371	289	0	1019	309	321	239	0	869	19	9	9	0	37
7	Athani	219	221	162	0	602	322	301	251	5	879	1	3	3	0	7
8	Raibag	456	416	276	12	1160	456	416	276	12	1160	5	5	8	0	18
9	Vijayapur	514	366	389	16	1285	514	366	389	16	1285	6	2	3	0	11
10	Indi	420	343	241	6	1010	420	343	241	6	1010	17	4	1	0	22
11	Basavana Bagewadi	594	286	156	7	1043	594	286	156	7	1043	12	6	3	0	21
12	Bagalkot	545	422	384	19	1370	494	389	330	17	1230	34	11	2	0	47
13	Jamkhandi	498	414	418	20	1350	484	391	400	20	1295	1	2	3	0	6
14	Mudhol	138	113	80	0	331	138	113	80	1	332	1	4	1	0	6
BGM Zone total		5289	4119	3308	134	12850	5279	4094	3277	138	12788	122	68	54	0	244

**Executive Engineer (EI)**  
RA Section  
Corporate Office, Hescom  
Navanagar, Hubballi - 580 025

HUBLI ELECTRICITY SUPPLY COMPANY LIMITED											
Sl. No.	Name of the Division	No of failed Transformers replacement by new transformers during the F. Year APR19 to NOV 19					Balance No of failed Transformers yet to be replaced during the end of F. Year APR19 to NOV 19				
1	2	9					10				
	Transformers Capacity	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total	15/ 25 KVA	63 KVA	100 KVA	200/ 250 KVA	Total
1	Belagavi U	0	0	0	0	0	0	0	0	0	0
2	Belagavi R	0	1	3	0	4	0	0	0	0	0
3	Bailhongal	7	14	9	0	30	0	14	6	0	20
4	Ramadurg	13	5	6	0	24	9	4	1	0	14
5	Ghataprabha	7	3	6	0	16	0	0	0	0	0
6	Chlkkodi	2	5	1	0	8	0	0	0	0	0
7	Athani	1	2	1	0	4	25	21	0	0	46
8	Raibag	18	16	34	0	68	48	14	11	0	73
9	Vijayapur	4	2	2	0	8	2	0	1	0	3
10	Indi	6	1	1	0	8	5	4	2	0	11
11	Basavana Bagewadi	7	3	2	0	12	16	6	4	0	26
12	Bagalkot	7	18	20	0	45	19	13	6	0	38
13	Jamkhandi	14	23	18	0	55	0	0	0	0	0
14	Mudhol	17	14	11	0	42	8	15	7	0	30
	<b>BGM Zone total</b>	<b>103</b>	<b>103</b>	<b>114</b>	<b>0</b>	<b>324</b>	<b>132</b>	<b>132</b>	<b>38</b>	<b>0</b>	<b>261</b>

  
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**Corporate Office, Hescam**  
**Navanagar, Hubballi - 580 025**

Physical and financial progress, in respect of the schemes taken up by HESCOM.

Sl. No.	Name of the Scheme	Total No. of works	Total Cost of Scheme (Rs in Crores)	Funding mechanism for the scheme	Objectives of the Scheme	Scheduled date for completion of the scheme	No. of works completed till FY19	Objectives achieved with figures	Total expenditure till FY19	Balance no. of works to be completed**	Expected expenditure for completion of balance works**	Expected date of completion of balance works	Cost to Benefit Ratio
1	DDUGJY	24	370.63	A) Govt. of India Grant: 60% of the sanctioned cost. B) HESCOM Contribution: 10% of the sanctioned cost. C) Loan/own fund: 30% of the sanctioned cost. D) Additional Grant from GOI on achievement of prescribed milestones: 50% of total loan / own fund (30%) i.e. 15%.	The DDUGJY scheme will enable to initiate much awaited reforms in the rural areas. It focuses on feeder reparation (rural households & agricultural) and strengthening of sub-transmission & distribution infrastructure including metering at all levels in rural areas. This will help in providing round the clock power to rural households and adequate power to agricultural consumers.	31.03.2020	Over all progress: 73%. No of works completed: 20	Work was under progress as on 31.03.2019.	150.42	20	220.21	31.03.2020	
2	IPDS	15	246.2	A) Govt. of India Grant: 60% of the sanctioned cost. B) HESCOM Contribution: 10% of the sanctioned cost. C) Loan/own fund: 30% of the sanctioned cost. D) Additional Grant from GOI on achievement of prescribed milestones: 50% of total loan / own fund (30%) i.e. 15%.	1). Providing reliable and quality power supply in an efficient manner in urban areas by Strengthening of sub-transmission and distribution network. Metering. Providing Solar panels on Govt. buildings with net-metering and Reduction of A&C losses. 2) Following are works proposed under the scheme : Establishing of 33/11KV SS-5Nos. New 33KV Line: 12Kms. 11KV New line: 209Kms. 11KV Reconductoring : 218Kms. UG Cable: 49Kms. New DTCs: 514 Nos. Enhancement of DTCs: 264Nos. New LT Line: 82Kms. LT Line Reconductoring : 1437Kms. Metering: 210843 Nos and providing SRIPV: 1817Kwp.	31.12.2019	Over all progress: 62%. No of works completed: 13	Work was under progress as on 31.03.2019.	85.61	13	160.59	31.12.2019	
3	R-APDRP PART-B	1	51.134	PFC (25% PFC Funding & Balance 75 % HESCOM OWN FUND	To re-strengthen infrastructure of RAPDRP PART B related TOWNS	31.03.2015	Project completed on 31.03.2015	100%	51.134 Crores	NIL	N/A	N/A	
4	Model Village	324	72.44	HESCOM Own Fund	The following work are involved under the Scheme to strengthen the network, to avoid accidents and to supply un-interrupted & reliable power supply: • System Strengthening work in the selected village. • Additional DTC based on requirement & over load of existing DTC. • Conversion of LT Single Phase wire system to Three Phase System. • Replacement of Old/Deteriorated pole • Providing intermediate poles to lengthy spans. • Reconductoring of HT / LT in Village jurisdiction	31.06.2019	Over all progress: 24%. No of works completed: 78Nos	-	7.97	248	64.47	31.03.2020	
5	SAUBHAGY A	91764	119.5	A) Govt. of India Grant: 60% of the sanctioned cost. B) HESCOM Contribution: 10% of the sanctioned cost. C) Loan/own fund: 30% of the sanctioned cost. D) Additional Grant from GOI on achievement of prescribed milestones: 50% of total loan / own fund (30%) i.e. 15%	To achieve Universal household Electrification by providing last mile connectivity & electricity connections to all households in Rural & Urban areas	31.12.2019	52026	52026 HHs are electrified	27.34	39738	92.16	31.03.2020	
6	Any other schemes												

  
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Year wise break up of no. of works completed and corresponding expenditure incurred from the first year of inception of the scheme to till FY19.									
Sl. No.	Name of the Scheme	FY16-17		FY17-18		FY18-19		FY19-20 (up to Nov-19)	
		No. of works completed	Expenditure incurred (Rs in Cr)	No. of works completed	Expenditure incurred (Rs in Cr)	No. of works completed	Expenditure incurred (Rs in Cr)	No. of works completed	Expenditure incurred (Rs in Cr)
1	DDUGJY	0	0.64	0 Nos, Over all progress: 16%	51.87	Over all progress:73%. No of works completed: 2Nos	97.91	Over all progress:93%. No of works completed: 12Nos	101.88
2	IPDS	0	0.44	0Nos, over all progress of the Project: 22%	32.38	No of works completed:2Nos over all progress of the Project:62%	52.79	No of works completed: 13Nos over all Progress of the Project:92%	66.85
3	R-APDRP PART B	Project completed on 31.03.2015 with an expenditure of 51.134 Crores.							
4	Model Village	0	0	0	0	Over all progress: 24%. No of works completed:76Nos	7.97	Over all progress:66%. No of works completed: 214 Nos	22.13
5	SAUBHAGYA	-	-	-	-	52026	27.34	75202	11.74
6	Any other schemes								

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Corporate Office, Hesco  
Nagpur, Maharashtra

Year wise break up of no. of balance works that will complete and corresponding expenditure for completion of balance works of the scheme from FY20 onwards.							
Sl. No.	Name of the Scheme	FY20		FY21		FY22	
		Balance no. of works to be completed	Expenditure (Rs in Cr)	Balance no. of works to be completed	Expenditure (Rs in Cr)	Balance no. of works to be completed	Expenditure (Rs in Cr)
1	DDUGJY	19*	220.21				
2	IPDS	13*	160.59				
3	R-APDRP PART B	Project completed on 31.03.2015 with an expenditure of 51.134 Crores.					
4	Model Village	248*	64.47				
5	SAUBHAGYA	39738	92.16				
6	Any other schemes						

\*Balance no. of works to be completed includes the progress achieved up to November-2019



**Executive Engineer (EI)**

RA Section

Corporate Office, Hescor

Navanagar, Hubballi - 560 025

11.11.2019

**HUBLI ELECTRICITY SUPPLY COMPANY LTD.**

Format-D17

**Work In Progress**

Sl. No.	Particulars	FY-18 (Actuals)	FY-19 (Actuals)	FY-20 (Projection)	FY-21 (Projection)
	Opening balance	471.50	567.89	503.73	1,127.06
	Add:				
i.	Capital expenditure	1,518.06	964.29	2,077.75	1,205.51
ii.	Interest & Finance charges capitalised				
iii.	Other expenses capitalised				
	<b>Total capital expenditure for the year</b>	1,989.56	1,532.18	2,581.48	2,332.57
	Less:				
	Expenditure Capitalised (Transferred to Form-T15/D15)	1,421.67	1,028.45	1454.43	843.86
	Other Adjustments				
	<b>Grand Total</b>	<b>567.89</b>	<b>503.73</b>	<b>1,127.06</b>	<b>1,488.71</b>



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 Navanagar, Hubballi - 580 025




**HUBLI ELECTRICITY SUPPLY COMPANY LIMITED**  
Source of funding for each category of works proposed for FY-21 by HESCOM

*Annexure - 5*

Sl. No.	Scheme	A/c Head	Revised Capital Budget Proposal for FY 21	Source of Funding
			<b>Rs in crores</b>	
	Mandatory works, Social obligation and other works			
1	Gangakalyan IP sets: Dr. B. R Ambedkar Development Corporation	47.310, 14.182, 14.334	100	Equity from State Govt & other corporation Grant
2	Gangakalyan IP sets: Karnataka State Tribal Development Corporation	47.315, 14.335		
3	Gangakalyan IP sets: D.Devraju urs Backward Class Development Corporation	47.308, 14.336		
4	Gangakalyan IP sets :Karnataka Minority Development Corporation	47.309, 14.337		
5	Gangakalyan IP sets :Karnataka Vishwakarma Samudaya Development Corporation	14.338 (47.310)		
	Gangakalyan total		<b>100.00</b>	
	GOK Sponsered Works			
6	Special Development Plan for backward talukas under Nanjundappa scheme(SDP)	14.191, 14.192, 14.193, 14.194	25	Equity from State Govt
7	Rural Electrification under SCSP (Not covered under RGGVY)	14.304, 14.305, 14.306	7	Equity from State Govt & Internal resource
8	Rural Electrification under TSP (Not covered under RGGVY)	14.307, 14.308, 14.309	3	
9	Energisation of IP sets under Sheegra Samparka	14.331, 14.332, 14.333, 14.1887	10	90 % REC loan & Consumer contribution
10	Creating infrastrucutre to UAIP Sets (Before and after 2014 GOK circular)	14.167	88	
11	Nirantar Jyoti Yojana.	14.1627, 14.1626	17	REC loan
11.a	Bifurcation of IP Sets for completed NJY Feeders		26	
	<b>Sub - total</b>		<b>176.00</b>	
	GOI Sponsered Works			
13	DDUGVY	14.420, 14.421, 14.422, 14.423, 14.424, 14.425	23	loan from REC
14	R- APDRP.	14.1787, 14.1797,	1	loan from nationalised bank/ Internal Resource
14.a	R-APDRP exclusively for Modem and meters		0.5	loan from nationalised bank/ Internal Resource
15	IPDS IT initiative Phase II		10.57	GOI Grant
16	IPDS	14.410, 14.411, 14.412, 14.413, 14.414, 14.415, 14.416, 14.417	65.08	60% GOI Grant 10% Internal resources & 30% loan from REC/PFC
17	Soubhagya Yojane		20	
	<b>Sub - total</b>		<b>120.15</b>	
18	Expansion of network and system improvement works.			
a	Additional DTCs	14.1517, 14.1497	50	loan from nationalised bank/ Internal Resource
b	Enhancement of Distribution Transformers	14.1697	5	
c	Shifting of existing transformer to load centre	14.1497	2	
d	LT line conversion of 1Ph 2 wire or 1Ph 3 wire to 3ph 5 wire	14.1407	5	
e	Providing new link lines for bifurcation of load	14.1607	30	
19	Construction of new 33 KV stations	14.1206, 14.122, 14.123, 14.126, 14.200, 14.161	25	10% internal Resource, 90% REC Loan
19.a	Construction of new 33 KV lines.	14.1106, 14.1166, 14.1136, 14.141, 14.163, 14.165,	15	
20	Augmentation of 33 KV stations.	14.1296, 14.121	15	
21	Construction of 11 KV lines for 33 KV / 110 KV sub-stations.	14.1457	35	
22	Replacement of 33 KV lines Rabbit conductor by Coyote conductor.	14.1686	25	
23	11 KV Re-conductoring.	14.1467	35	
24	LT Re-conductoring.	14.174	40	
25	NEF (REC) for replacing 11 KV OH feeders by UG Cables in Hubli and Belgaum cities.	14.1907	3	REC loan
25.a	Replacing 11 KV OH feeders by UG Cables in Gokak Town		5	REC loan
26	Commissioning of 3 Ph 4 wire HT Metering Cubicle with meter, CTs, PTs		30.86	loan from nationalised bank/ Internal Resource
27	Refurbishing works on HT/LT/DTC in O & M Divisions	14.189	100	REC loan under NEF
	OTM		6.5	
	<b>Sub-total (i+ii+iii+iv+v+vi)</b>		<b>427.36</b>	
	Reduction of T & D and ATC loss			
28	Providing meters to un-metered IP sets.	14.401	0	loan from nationalised bank/ Internal Resource
29	Providing meters to un-metered BJ/KJ installations.	14.351, 14.361	1	
30	Replacement of faulty / MNR energy meters by static meters.	14.1587	10	
31	Replacement of more than 10 year old electromechanical energy meters by static meters.		61.152	REC loan
32	DTC's metering ( Other than APDRP)	14.1717, 14.1727	3	loan from nationalised bank/ Internal Resource
	<b>Sub - total</b>		<b>75.15</b>	
	General (In House)			
33	Rural Electrification (General)(Not covered under RGGVY)	14.3007	1	loan from nationalised bank/ Internal Resource
34	Electrification of BPL Households (General) (Not covered under RGGVY)	14.3607	1	
35	Water works	47.35	0	
36	Other E & I Works (DP & GOS)		5	
37	Energisation of IP sets under general.	14.320, 14.324, 14.321, 14.323, 14.325	5	
38	Service connections other than IP/BJ/KJ/Water works.	14.4007, 47.3057, 14.155, 14.142	15	

  
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Sl. No.	Scheme	A/c Head	Revised Capital Budget Proposal for Fy 21	Source of Funding
39	Improvement Works at 5 Nos of Villages in each MLA Constituency & 5 Nos of Villages in each MP Constituency under MADARI VIDUYAT GRAM.		26	loan from nationalised bank/ Internal Resource
40	Providing prepaid meters to temporary installations	14.184, 14.185	8.95	
41	Providing numerical relays to provide power supply to farm houses		2	
42	Providing 16KVA Transformers for A/P/S to farm houses in Chikodi Division		5	
43	The work of Supply of Hardware, Supervisory Manpower (for Technical Support) and Development of Software (End to End Solution including Google Map Subscription for 2 Years, if applicable) to Support Enumeration of IP Sets in HESCOM Jurisdiction (except Bailhongal O & M Division) through GIS Application and Maintenance for 2 Years	18.102	0.7	
44	Replacement of old and failed equipments and other works of existing 33 KV stations and lines.	14.1176,14.1286	15	
45	T&P materials.	10.7117 to 10.9847, 14.8107	5	
	<b>Sub - total</b>		<b>89.65</b>	
	New initiatives works			
46	IT initiatives, automation and call centre	14.183	4	loan from nationalised bank/ Internal Resource
47	Providing solar roof tops to HESCOM and other Government office buildings	14.502	2	
48	Establishing ALDC & SCADA.	14.1306,14.1307	4	
49	Special pilot project for Sterategic Business Centre at Gadag Division		2	
50	Smart Metering		9.2	60% GOI Grant 10% Internal resources & 30% loan from REC/PFC
51	DSM Projects		1	loan from nationalised bank/ Internal Resource
	<b>Sub - total</b>		<b>22.20</b>	
	Immediate Execution (Planned/Unplanned)			
52	Replacement of failed distribution transformers.	14.1697, 14.1707	10	loan from nationalised bank/ Internal Resource
53	Replacement of Power Transformers.	14.187	5	
54	Preventive measures to reduce the accidents. (Providing intermediate poles, Restrining of sagging lines, providing guy & struds, providing	14.152, 14.175	70	
55	Replacement of broken poles / Disaster Management Works	14.147, 14.150	20	
56	Restoration of Power Supply in Flood Affected Areas	14.376	50	
	<b>Sub - total</b>		<b>155.00</b>	
57	Civil Engineering works like Construction of new office buildings/ Sub station civil works, Mordenisaton/Repairs to existing buildings, regular maintainance to immovable properties	14.502, 14.503, 14.504	40	loan from nationalised bank/ Internal Resource
58	Corporate Office Reserve for Emergency			
	<b>Sub - total</b>		<b>40.00</b>	
	<b>Total (i+ii+iii+iv+v)</b>		<b>1205.51</b>	

  
**Executive Engineer (EI)**  
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**Corporate Office, Hescocom**  
**Navanagar, Hubballi - 580 025**

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Existing Tariff Rates for FY-21**

*Annexure-6(a)*

SI No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores
1	LT-1 (up to 40 units)	Applicable to installations serviced under BL/KL schemes		KW	718179	28739	199.94	45.00	7.07	0.00	141.36	141.36
1	LT-1 (above 40 units)	Applicable to installations serviced under BL/KL schemes			718179	28739	199.94			0.00	141.36	141.36
2			<=1KW	KW	42349	7017		45.00		0.00	0.00	0.00
			>1KW	KW								
			<=30 KWh				0.69		3.60		0.25	
			30<x<=100KWh				19.30		4.90		9.46	
			100<x<=200				7.27		6.45		4.69	
			>200				16.65		7.30		12.15	
	LT-1 (above 40 units)				42349	7017	43.91			0.00	26.55	26.55
	<b>Total - LT-1</b>			<b>KW</b>	<b>760528</b>	<b>35756</b>	<b>243.85</b>			<b>0.00</b>	<b>167.91</b>	<b>167.91</b>
2	LT-2(a)(i)	Applicable to lighting/combined lighting, heating and motive power installations of areas covered under Urban local bodies including Corporations of HESCOM										
			<=1KW	KW	968153	549160		60.00		69.71		
			>1KW	KW	476852	1170440		70.00		92.59		
			<=30 KWh				151.20		3.70		55.95	
			30<x<=100KWh				497.18		5.20		258.53	
			100<x<=200				204.97		6.75		138.35	
			>200				192.20		7.80		149.92	
			<b>Total</b>	<b>KW</b>	<b>1445005</b>	<b>1719600</b>	<b>1045.55</b>			<b>162.30</b>	<b>602.75</b>	<b>765.05</b>
3	LT-2(a)(ii)	Applicable to lighting/combined lighting, heating and motive power installations of areas covered under Village Panchayths of HESCOM										
			<=1KW	KW	1091847	272963		45.00		58.96		
			>1KW	KW	403834	779978		60.00		48.89		
			<=30 KWh				87.04		3.60		31.33	
			30<x<=100KWh				264.31		4.90		129.51	
			100<x<=200				62.49		6.45		40.30	
			>200				96.89		7.30		70.73	
			<b>Total</b>	<b>KW</b>	<b>1495680</b>	<b>1052941</b>	<b>510.72</b>			<b>107.85</b>	<b>271.88</b>	<b>379.73</b>
				<b>KW</b>	<b>2940685</b>	<b>2772541</b>	<b>1556.28</b>			<b>270.15</b>	<b>874.63</b>	<b>1,144.78</b>
	<b>Sub Total of LT-2a</b>											

*[Signature]*

**Executive Engineer (E1)**  
**RA Section**  
**Corporate Office, Hescocom**  
**Navanagar, Hubballi - 580 025**

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**

**Statement showing Projected Revenue at Existing Tariff Rates for FY-21**

Form D-21(a)

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores	
5	LT-2(b)(i)	Applicable to the installations of Private Professional and other private educational institutions under Urban Local Bodies including City Corporations of HESCOM	<=2KW	KW	3476	1514	Per KW	75.00		0.42			
			>2KW	KW	2042	26428	Minimum	100.00		2.38			
			<=200 KWH			7.41			First 200	6.90		5.11	
		>200				10.38					8.46		
		<b>Total</b>		<b>5518</b>	<b>27941.46</b>	<b>17.78</b>				<b>2.80</b>	<b>13.57</b>	<b>16.36</b>	
6	LT-2(b)(ii)	Applicable to the installations of Private Professional and other private educational institutions under Village Panchayats HESCOM	<=2KW	KW	1790	895	Per KW	65.00		0.18			
			>2KW	KW	842	8725	Minimum	85.00		0.68			
			<=200 KWH			1.68			First 200	6.35		1.07	
		>200				3.52					2.67		
		<b>Total</b>		<b>2632</b>	<b>9620</b>	<b>5.20</b>				<b>0.86</b>	<b>3.74</b>	<b>4.60</b>	
<b>Sub Total of LT-2b</b>				<b>8150</b>	<b>37562</b>	<b>22.98</b>				<b>3.66</b>	<b>17.31</b>	<b>20.96</b>	
<b>Sub Total of LT-2</b>				<b>2948835</b>	<b>2810103</b>	<b>1579.26</b>				<b>273.81</b>	<b>891.94</b>	<b>1,165.75</b>	
7	LT-3(i)	Applicable to Commercial Lighting, Heating and Motive Power installations of all urban local bodies including city corporations of HESCOM	<=1KW	KW	217629	108814	Per KW	80.00		20.89			
			>1KW	KW	72543	358516		95.00		34.42			
			<=50			76.59			First 50	8.00		61.27	
		>50				278.30					250.47		
		<b>Total</b>		<b>290172</b>	<b>467330</b>	<b>354.89</b>				<b>55.31</b>	<b>311.74</b>	<b>367.05</b>	
8	LT-3(ii)	Applicable to Commercial Lighting, Heating and Motive Power installations of all Village Panchayats of HESCOM	<=1KW	KW	48703	24351	Per KW	70.00		4.09			
			>1KW	KW	73054	136539		85.00		11.47			
			<=50			66.09			First 50	7.50		49.57	
		>50				99.79					84.82		
		<b>Total</b>		<b>121757</b>	<b>160890</b>	<b>165.88</b>				<b>15.56</b>	<b>134.39</b>	<b>149.95</b>	
<b>Sub Total of LT-3</b>				<b>411929</b>	<b>628220</b>	<b>520.78</b>				<b>70.87</b>	<b>446.14</b>	<b>517.01</b>	
9	LT-4(a)	Applicable to I.P. Sets Up to and inclusive of 10 HP		HP	1045411	5121417	Per HP			0.00			
						7589.53						4,925.61	
<b>Sub Total of LT-4(a)</b>				<b>1045411</b>	<b>5121417</b>	<b>7589.53</b>				<b>0.00</b>	<b>4,925.61</b>	<b>4,925.61</b>	
12	LT-4(b)	Applicable to IP Sets - Above 10 HP		HP	857	24142	Per HP	70.00		2.03			
						16.63						5.82	
<b>Sub Total of LT-4(b)</b>				<b>857</b>	<b>24142</b>	<b>16.63</b>				<b>2.03</b>	<b>5.82</b>	<b>7.85</b>	

  
**Executive Engineer (EI)**  
 RA Section  
 Corporate Office, Hescocom  
 Navanagar, Hubballi - 580 025

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Existing Tariff Rates for FY-21**

Form D-21(a)

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores
13	LT-4 @ i	Applicable to Private Horticultural Nurseries, Coffee and Tea plantations of sanctioned load of 10 HP & below.		HP	400	1528	0.67	60.00	3.50	0.11	0.24	0.35
			<b>Total</b>	HP	400	1528	0.67			0.11	0.24	0.35
13	LT-4 @ ii	Applicable to Private Horticultural Nurseries, Coffee and Tea plantations of sanctioned load of above 10 HP		HP	114	651	0.18	70.00	3.50	0.05	0.06	
			<b>Total</b>	HP	114	651	0.18			0.05	0.06	0.12
			<b>Sub Total of LT-4(c)</b>	KW	514	2179	0.86			0.16	0.30	0.46
			<b>Sub Total of LT-4</b>	KW	1046782	5147738	7607.02			2.19	4,931.73	4,933.92
14	LT-5(a)		<=5HP	HP	22077	74184		55.00	5.45	4.90	11.38	
			5<x<40	HP	8491	83672		60.00	6.45	6.02	15.58	
			40<=x<67	HP	2377.51	127886		80.00	6.75	12.28	11.09	
			>=67	HP	1018.9	71325		140.00		11.98		
		Applicable to Heating & Motive power (including lighting) installations of HESCOM	<=500KWh				20.89					
			500<x<=1000				79.97					
			>=1000				16.43					
			<b>Total</b>	HP	33964	357068	117.29			35.18	74.05	109.23
14	LT-5(b)		<=5HP	HP	67668	129072		45.00		6.97		
			5<x<40	HP	19334	172807		55.00		11.41		
			40<=x<67	HP	6767	340077		75.00		30.61		
			>=67	HP	2900	198891		125.00		29.83		
		Applicable to Heating & Motive power (including lighting) installations of HESCOM	<=500KWh				39.04				20.88	
			500<x<=1000				148.27				93.41	
			>=1000				30.52				20.14	
			<b>Total</b>	HP	96668	840847	217.82			78.82	134.43	213.25
			<b>Sub Total of LT-5</b>	KW	130632	1197915	335.11			114.00	208.49	322.48
16	LT-6	Applicable to water supply and sewerage pumping installations of HESCOM		HP	55725	260166		75.00	4.60	23.41	177.54	
			<b>Total</b>	HP	55725	260166	385.95			23.41	177.54	200.95
17	LT-6	Applicable to Public Street lights/Park lights of HESCOM		KW	26204	67994	157.89	90.00	6.25	7.34	98.68	
			<b>Total</b>	KW	26204	67994	157.89			7.34	98.68	106.02
17	LT-6 (LED)	Applicable to Public Street lights/Park lights of HESCOM		KW	30	47	1.00	90.00		0.01		
			<b>Total</b>	KW	30	47	1.00					
			<b>Sub Total of LT-6(b)(LED)</b>	KW	26234	47	158.89	0	0	0	0.53	0.53
			<b>Sub Total of LT-6</b>	KW	81959	260213	544.84			30.76	276.74	307.51

*[Signature]*

**Executive Engineer (EI)**  
**RA Section**  
**Corporate Office, Hescocom**  
**Navanagar, Hubballi - 580 025**

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Existing Tariff Rates for FY-21**

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores	
18	LT-7(a)	Applicable to Temporary Power Supply of all categories including Hoarding & Advertisement boards.	<67HP	KW	130438	161428		210.00		0.00			
	>=67		KW				39.00		10.60	0.00	41.34		
	<67		KW				39.00				0.00	41.34	41.34
	<b>Sub Total of LT-7(a)</b>		<b>Total</b>	<b>KW</b>	<b>130438</b>	<b>161428</b>				<b>0.00</b>	<b>41.34</b>	<b>41.34</b>	
18	LT-7(b)	Applicable to Temporary Power Supply of all categories including Hoarding & Advertisement boards.	<67HP	KW	1318	1641		85.00		0.17			
	>=67		KW				0.39		10.60	0.00	0.42		
	<67		KW				0.39				0.17	0.42	0.58
	<b>Sub Total of LT-7(b)</b>		<b>Total</b>	<b>KW</b>	<b>1318</b>	<b>1641</b>				<b>0.17</b>	<b>0.42</b>	<b>0.58</b>	
	<b>Total of LT-7</b>			<b>KW</b>	<b>131755</b>	<b>163069</b>				<b>0.17</b>	<b>41.75</b>	<b>41.92</b>	
	<b>LT - TOTAL</b>				<b>5512420</b>	<b>10243014</b>	<b>10870.24</b>	<b>0</b>		<b>491.80</b>	<b>6964.69</b>	<b>7,456.49</b>	
1	HT-1	Applicable to Water Supply, Drainage / Sewerage water treatment plant and Sewerage Pumping installations of HESCOM		KVA	464	94440		210.00		17.85			
	<b>Sub Total of HT-1</b>			<b>Total</b>	<b>KVA</b>	<b>464</b>	<b>94440</b>			<b>5.20</b>	<b>17.85</b>	<b>165.68</b>	<b>183.53</b>
2	HT-2(a)	Applicable to Industries, Factories, Workshops, Universities, Educational Institutions belonging to Government, Local bodies, Aided Institutions, Hostels of all Educational Institutions etc. of HESCOM	<=100,000	KVA	2143	667602							
	>100,000		KVA				304.53			6.95		211.65	
	<b>Total</b>		<b>KVA</b>				993.83			<b>7.20</b>		<b>715.55</b>	
	<b>Sub Total of HT-2(a)</b>		<b>Total</b>	<b>KVA</b>	<b>2143</b>	<b>667602</b>	<b>1298.35</b>			<b>126.18</b>	<b>927.20</b>	<b>1,053.38</b>	
4	HT-2(b)	Applicable to Commercial Complexes, Cinemas, Hotels, Boarding & Lodging, Amusement Parks, Telephone Exchanges, Private Hospitals & Nursing Homes, etc. of HESCOM	<=200,000	KVA	732	89063		230.00		18.44			
	>200,000		KVA				34.75			8.65		30.06	
	<b>Total</b>		<b>KVA</b>				103.54			<b>8.75</b>		<b>90.60</b>	
	<b>Sub Total of HT-2(b)</b>		<b>Total</b>	<b>KVA</b>	<b>732</b>	<b>89063</b>	<b>138.29</b>			<b>18.44</b>	<b>120.66</b>	<b>139.09</b>	
4	HT-2(c)(i)	Applicable to Hospitals, Educational Institutions	<=200,000	KVA	250	24298		210.00		4.59			
	>200,000		KVA				22.06			6.80		15.00	
	<b>Total</b>		<b>KVA</b>				65.71			<b>7.20</b>		<b>47.31</b>	
	<b>Sub Total of HT-2(c)(i)</b>		<b>Total</b>	<b>KVA</b>	<b>250</b>	<b>24298</b>	<b>87.77</b>			<b>4.59</b>	<b>62.31</b>	<b>66.90</b>	
4	HT-2(c)(ii)	Applicable to Hospitals, Educational Institutions other than HT-2(c)(i)	<=200,000	KVA	152	14830		210.00		2.80			
	>200,000		KVA				4.43			7.80		3.46	
	<b>Total</b>		<b>KVA</b>				18.43			<b>8.20</b>		<b>15.11</b>	
	<b>Sub Total of HT-2(c)(ii)</b>		<b>Total</b>	<b>KVA</b>	<b>152</b>	<b>14830</b>	<b>22.86</b>			<b>2.80</b>	<b>18.57</b>	<b>21.37</b>	
	<b>Sub Total of HT-2(c)</b>		<b>Total</b>	<b>KVA</b>	<b>402</b>	<b>39128</b>	<b>110.63</b>			<b>7.40</b>	<b>80.88</b>	<b>88.27</b>	
	<b>Total of HT-2</b>			<b>KW</b>	<b>3277</b>	<b>795793</b>	<b>1547.27</b>			<b>152.01</b>	<b>1128.74</b>	<b>1280.75</b>	

*[Signature]*

**Executive Engineer (EI)**  
RA Section  
Corporate Office, Hescocom  
Navanagar, Hubballi - 580 025

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Existing Tariff Rates for FY-21**

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores
6	HT-3(a)(i)	Applicable to LI schemes under Govt Departments/ Govt owned Corporations of HESCOM		HP	163	248003	275.88	1,480.00	27.53	27.53	75.87	
			<b>Total</b>	<b>HP</b>	<b>163</b>	<b>248003</b>	<b>275.88</b>		<b>27.53</b>	<b>27.53</b>	<b>75.87</b>	<b>103.39</b>
7	HT-3(a)(ii)	Applicable to Private LI schemes and Lift Irrigation societies Connected to Urban/Express feeders of HESCOM		HP	164	120131	163.45	70.00	7.57	7.57	44.95	
			<b>Total</b>	<b>HP</b>	<b>164</b>	<b>120131</b>	<b>163.45</b>		<b>7.57</b>	<b>7.57</b>	<b>44.95</b>	<b>52.52</b>
7	HT-3(a)(iii)	Applicable to Private LI schemes and Lift Irrigation societies other than those covered under HT-3 (a)(ii) of HESCOM		HP	12	4425	4.35	50.00	0.27	0.27	1.20	
			<b>Total</b>	<b>HP</b>	<b>12</b>	<b>4425</b>	<b>4.35</b>		<b>0.27</b>	<b>0.27</b>	<b>1.20</b>	<b>1.46</b>
	<b>Sub Total of HT-3(a)</b>				<b>339</b>	<b>372559</b>	<b>443.67</b>		<b>35.36</b>	<b>35.36</b>	<b>122.01</b>	<b>157.37</b>
8	HT - 3b	Applicable to Irrigation and Agricultural Farms, Government Horticultural Farms, Private Horticulture nurseries, Coffee, Tea, Coconut & Arecanut Plantations. Of HESCOM		HP	2	64		1,480.00	0.00	0.00	0.04	
			<b>Total</b>	<b>HP</b>	<b>2</b>	<b>64</b>	<b>0.09</b>		<b>0.00</b>	<b>0.00</b>	<b>0.04</b>	<b>0.04</b>
	<b>Sub Total of HT-3</b>				<b>341</b>	<b>372623</b>	<b>443.76</b>		<b>35.36</b>	<b>35.36</b>	<b>122.05</b>	<b>157.41</b>
9	HT-4	Applicable to Residential apartments and colonies of areas under City Municipal Corporations of HESCOM		KVA	30	8532	15.04	130.00	1.00	1.00	10.00	
			<b>Total</b>	<b>KVA</b>	<b>30</b>	<b>8532</b>	<b>15.04</b>		<b>1.00</b>	<b>1.00</b>	<b>10.00</b>	<b>11.00</b>
10	HT-5	Temporary		HP	66	84724	35.24	260.00	26.43	26.43	37.36	
			<b>Total</b>	<b>KVA</b>	<b>66</b>	<b>84724</b>	<b>35.24</b>		<b>26.43</b>	<b>26.43</b>	<b>37.36</b>	<b>63.79</b>
	<b>HT - TOTAL</b>				<b>4178</b>	<b>1356112</b>	<b>2359.94</b>		<b>232.65</b>	<b>232.65</b>	<b>1463.83</b>	<b>1696.48</b>
	<b>TOTAL</b>				<b>5516598</b>		<b>13230.18</b>		<b>724.45</b>	<b>724.45</b>	<b>8428.52</b>	<b>9152.97</b>

**Executive Engineer (EI)**  
RA Section  
Corporate Office, Hescocom  
Navanagar, Hubballi - 580 025

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Revised Tariff Rates for FY-21**

*Annexure - 6(C)*

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Form D-21(a)		Billed Amount in crores
									Energy Charges	Fixed Charges	
1	LT-1 (up to 40 units)	Applicable to installations serviced under B1/K1 schemes		KW	718179	28739	199.94	55.00	7.52	0.00	150.37
1	LT-1 (above 40 units)	Applicable to installations serviced under B1/K1 schemes		KW	718179	28739	199.94			0.00	150.37
2			<=1KW	KW	42349	7017		55.00		0.00	0.00
			>1KW	KW							
			<=30 KWh				0.69		4.05		0.28
			30<x<=100KWh				19.30		5.35		10.33
			100<x<=200				7.27		6.90		5.02
			>200				16.65		7.75		12.90
	LT-1 (above 40 units)				42349	7017	43.91			0.00	28.53
	<b>Total - LT-1</b>			<b>KW</b>	<b>760528</b>	<b>35756</b>	<b>243.85</b>			<b>0.00</b>	<b>178.89</b>
2	LT-2(a)(i)	Applicable to lighting/combined lighting, heating and motive power installations of areas covered under Urban local bodies including Corporations of HESCOM		KW	968153	549160		70.00		81.32	
			<=1KW	KW	476852	1170440		80.00		106.64	
			>1KW								
			<=30 KWh				151.20		4.15		62.76
			30<x<=100KWh				497.18		5.65		280.94
			100<x<=200				204.97		7.20		147.59
			>200				192.20		8.25		158.58
	<b>Total</b>			<b>KW</b>	<b>1445005</b>	<b>1719600</b>	<b>1045.55</b>			<b>187.96</b>	<b>649.87</b>
3	LT-2(a)(ii)	Applicable to lighting/combined lighting, heating and motive power installations of areas covered under Village Panchayths of HESCOM		KW	1091847	272963		55.00		72.06	
			<=1KW	KW	403834	779978		70.00		58.25	
			>1KW								
			<=30 KWh				87.04		4.05		35.26
			30<x<=100KWh				264.31		5.35		141.42
			100<x<=200				62.49		6.90		43.12
			>200				96.89		7.75		75.10
	<b>Total</b>			<b>KW</b>	<b>1495680</b>	<b>1052941</b>	<b>510.72</b>			<b>130.31</b>	<b>294.89</b>
<b>Sub Total of LT-2a</b>				<b>KW</b>	<b>2940685</b>	<b>2772541</b>	<b>1556.28</b>			<b>318.28</b>	<b>944.76</b>
											<b>1,263.04</b>

*[Signature]*  
**Executive Engineer (EI)**  
 RA Section

Corporate Office, Hescocom  
 Navanagar, Hubballi - 580 025



**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**

**Statement showing Projected Revenue at Revised Tariff Rates for FY-21**

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores	Form D-21(a)	
													10	0.45
5	LT-2(b)(i)	Applicable to the installations of Private Professional and other private educational institutions under Urban Local Bodies including City Corporations of HESCOM	<=2KW	KW	3476	1514		85.00		0.46				
			>2KW	KW	2042	26428	110.00		2.70					
			<=200 KWH			7.41							5.44	
			>200			10.38					8.60			
			<b>Total</b>	<b>KW</b>	<b>5518</b>	<b>27941.46</b>	<b>17.78</b>			<b>3.15</b>	<b>14.37</b>	<b>17.52</b>		
6	LT-2(b)(ii)	Applicable to the installations of Private Professional and other private educational institutions under Village Panchayats HESCOM	<=2KW	KW	1790	895		75.00		0.20				
			>2KW	KW	842	8725	95.00		0.79					
			<=200 KWH			1.68							1.14	
			>200			3.52					2.83			
			<b>Total</b>	<b>KW</b>	<b>2632</b>	<b>9620</b>	<b>5.20</b>			<b>0.99</b>	<b>3.97</b>	<b>4.96</b>		
			<b>Sub Total of LT-2b</b>	<b>KW</b>	<b>8150</b>	<b>37562</b>	<b>22.98</b>			<b>4.14</b>	<b>18.34</b>	<b>22.49</b>		
			<b>Sub Total of LT-2</b>	<b>KW</b>	<b>2948835</b>	<b>2810103</b>	<b>1579.26</b>			<b>322.42</b>	<b>963.10</b>	<b>1,285.52</b>		
7	LT-3(i)	Applicable to Commercial Lighting, Heating and Motive Power installations of all urban local bodies including city corporations of HESCOM	<=1KW	KW	217629	108814		90.00		23.50				
			>1KW	KW	72543	358516	105.00		38.72					
			<=50			76.59							64.72	
			>50			278.30					9.45			
			<b>Total</b>	<b>KW</b>	<b>290172</b>	<b>467330</b>	<b>354.89</b>			<b>62.22</b>	<b>327.74</b>	<b>389.96</b>		
8	LT-3(ii)	Applicable to Commercial Lighting, Heating and Motive Power installations of all Village Panchayats of HESCOM	<=1KW	KW	48703	24351		80.00		4.68				
			>1KW	KW	73054	136539	95.00		13.11					
			<=50			66.09							52.55	
			>50			99.79					8.95			
			<b>Total</b>	<b>KW</b>	<b>121757</b>	<b>160890</b>	<b>165.88</b>			<b>17.78</b>	<b>141.87</b>	<b>159.65</b>		
			<b>Sub Total of LT-3</b>	<b>KW</b>	<b>411929</b>	<b>628220</b>	<b>520.78</b>			<b>80.01</b>	<b>469.60</b>	<b>549.61</b>		
9	LT-4(a)	Applicable to IP Sets Up to and inclusive of 10 HP		HP	1045411	5121417		0.00		0.00				
						7589.53						6.94		
						7589.53							5,267.62	
			<b>Sub Total of LT-4(a)</b>	<b>KW</b>	<b>1045411</b>	<b>5121417</b>	<b>7589.53</b>			<b>0.00</b>	<b>5,267.62</b>	<b>5,267.62</b>		
12	LT-4(b)	Applicable to IP Sets - Above 10 HP		HP	857	24142		80.00		2.32				
						16.63						6.57		
						16.63							6.57	
			<b>Sub Total of LT-4(b)</b>	<b>KW</b>	<b>857</b>	<b>24142</b>	<b>16.63</b>			<b>2.32</b>	<b>6.57</b>	<b>8.89</b>		

  
**Executive Engineer (Ei)**  
**RA Section**  
 Corporate Office, Hescocom  
 Navanagar, Hubballi - 580 025

NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM


Statement showing Projected Revenue at Revised Tariff Rates for FY-21

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	Energy Charges	Fixed Charges in crores	Energy Charges in crores	Billed Amount in crores
13	LT-4 @ i	Applicable to Private Horticultural Nurseries, Coffee and Tea plantations of sanctioned load of 10 HP & below.		HP	400	1528	0.67	70.00	3.95	0.13	0.27	0.39
		<b>Total</b>		HP	<b>400</b>	<b>1528</b>	<b>0.67</b>			<b>0.13</b>	<b>0.27</b>	
13	LT-4 @ ii	Applicable to Private Horticultural Nurseries, Coffee and Tea plantations of sanctioned load of above 10 HP		HP	114	651	0.18	80.00	3.95	0.06	0.07	0.14
		<b>Total</b>		HP	<b>114</b>	<b>651</b>	<b>0.18</b>			<b>0.06</b>	<b>0.07</b>	
		<b>Sub Total of LT-4(c)</b>		KW	<b>514</b>	<b>2179</b>	<b>0.86</b>			<b>0.19</b>	<b>0.34</b>	<b>0.53</b>
		<b>Sub Total of LT-4</b>		KW	<b>1046782</b>	<b>5147738</b>	<b>7607.02</b>			<b>2.51</b>	<b>5,274.53</b>	<b>5,277.03</b>
14	LT-5(a)		<=5HP	HP	22077	74184		65.00	5.90	5.79		
			5<x<=40	HP	8491	83672		70.00	6.90	7.03		
			40<x<=67	HP	237751	127886		90.00	7.20	13.81		
			>=67	HP	10189	71325		150.00		12.84		
		Applicable to Heating & Motive power (including lighting) installations of HESCOM	<=500KWh				20.89				12.33	
			500<x<=1000				79.97				55.18	
			>=1000				16.43				11.83	
		<b>Total</b>		HP	<b>33964</b>	<b>357068</b>	<b>117.29</b>			<b>39.47</b>	<b>79.34</b>	<b>118.80</b>
14	LT-5(b)		<=5HP	HP	67668	129072		55.00	5.80	8.52		
			5<x<=40	HP	19334	172807		65.00	6.75	13.48		
			40<x<=67	HP	6767	340077		85.00	7.05	34.69		
			>=67	HP	2900	198891		135.00		32.22		
		Applicable to Heating & Motive power (including lighting) installations of HESCOM	<=500KWh				39.04				22.64	
			500<x<=1000				148.27				100.09	
			>=1000				30.52				21.52	
		<b>Total</b>		HP	<b>96668</b>	<b>840847</b>	<b>217.82</b>			<b>88.91</b>	<b>144.25</b>	<b>233.15</b>
		<b>Sub Total of LT-5</b>		KW	<b>130632</b>	<b>1197915</b>	<b>335.11</b>			<b>128.37</b>	<b>223.59</b>	<b>351.96</b>
16	LT-6	Applicable to water supply and sewerage pumping installations of HESCOM		HP	55725	260166	385.95	85.00	5.05	26.54	194.93	
				HP	<b>55725</b>	<b>260166</b>	<b>385.95</b>			<b>26.54</b>	<b>194.93</b>	<b>221.47</b>
17	LT-6	Applicable to Public Street lights/Park lights of HESCOM		KW	26204	67994	157.89	100.00	6.70	8.16	105.80	
				KW	<b>26204</b>	<b>67994</b>	<b>157.89</b>			<b>8.16</b>	<b>105.80</b>	<b>113.96</b>
17	LT-6 (LED)	Applicable to Public Street lights/Park lights of HESCOM		KW	30	47	1.00	100.00	5.70	0.01		
				KW	<b>30</b>	<b>47</b>	<b>1.00</b>			<b>0.01</b>		
		<b>Sub Total of LT-6(b)(LED)</b>		KW	<b>26234</b>	<b>47</b>	<b>158.89</b>	<b>0</b>	<b>5.70</b>	<b>0</b>	<b>0.57</b>	<b>0.58</b>
		<b>Sub Total of LT-6</b>		KW	<b>81959</b>	<b>260213</b>	<b>544.84</b>			<b>34.70</b>	<b>301.30</b>	<b>336.00</b>

*[Signature]*  
**Executive Engineer (EI)**  
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 Navanagar, Hubballi - 580 025

**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Revised Tariff Rates for FY-21**

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	0.45		Billed Amount in crores
									Energy Charges in crores	Fixed Charges in crores	
18	LT-7(a)	Applicable to Temporary Power Supply of all categories including Hoarding & Advertisement boards.	<67HP >=67 Total	KW KW KW	130438 130438 130438	161428 161428 161428	39.00 39.00 39.00	220.00 220.00 220.00	0.00 11.05 0.00	43.09 43.09 43.09	43.09
18	LT-7(b)	Applicable to Temporary Power Supply of all categories including Hoarding & Advertisement boards.	<67HP >=67 Total	KW KW KW	1318 1318 1318	1641 1641 1641	0.39 0.39 0.39	95.00 95.00 95.00	0.19 0.00 0.19	0.44 0.44 0.44	0.62
Total of LT-7					131755	163069	39.39		0.19	43.53	43.72
LT - TOTAL					5512420	10243014	10870.24	0	568.19	7454.54	8,022.73
1	HT-1	Applicable to Water Supply, Drainage / Sewerage water treatment plant and Sewerage Pumping Installations of HESCOM		KVA	464	94440	318.62	220.00	18.70	180.04	
Sub Total of HT-1			Total	KVA	464	94440	318.62	220.00	18.70	180.04	198.74
2	HT-2(a)	Applicable to Industries, Factories, Workshops, Universities, Educational Institutions belonging to Government, Local bodies, Aided Institutions, Hostels of all Educational Institutions etc. of HESCOM		KVA	2143	667602					
Sub Total of HT-2(a)			Total	KVA	2143	667602	1298.35				1,117.90
4	HT-2(b)	Applicable to Commercial Complexes, Cinemas, Hotels, Boarding & Lodging, Amusement Parks, Telephone Exchanges, Private Hospitals & Nursing Homes, etc. of HESCOM		KVA	732	89063		240.00	19.24		
Sub Total of HT-2(b)			Total	KVA	732	89063	138.29	220.00	19.24	126.89	146.13
4	HT-2(c)(i)	Applicable to Hospitals, Educational Institutions		KVA	250	24298			4.81		
Sub Total of HT-2(c)(i)			Total	KVA	250	24298	87.77		4.81	66.27	71.08
4	HT-2(c)(ii)	Applicable to Hospitals, Educational Institutions other than HT-2©(i)		KVA	152	14830			2.94		
Sub Total of HT-2(c)(ii)			Total	KVA	152	14830	4.43		2.94	3.66	
Sub Total of HT-2(c)			Total	KVA	402	39128	110.63		7.75	85.86	93.61
Total of HT-2			Total	KW	3277	795793	1547.27		159.17	1198.46	1357.63

  
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**NAME OF THE ELECTRICITY SUPPLY COMPANY :- HESCOM**  
**Statement showing Projected Revenue at Revised Tariff Rates for FY-21**

Sl No	Tariff Category	Category Description	Particulars	(KW/KVA /HP)	No of Consumers	Sanctioned load (KW/KVA/HP)	Consumption (in Mus)	Fixed Charges	0.45		Billed Amount in crores
									Energy Charges	Fixed Charges in crores	
6	HT-3(a)(i)	Applicable to LI schemes under Govt Departments/ Govt owned Corporations of HESCOM		HP	163	248003		1,540.00	28.64		
							275.88			88.30	
	<b>Total</b>			<b>HP</b>	<b>163</b>	<b>248003</b>	<b>275.88</b>		<b>28.64</b>	<b>88.30</b>	<b>116.94</b>
7	HT-3(a)(ii)	Applicable to Private LI schemes and Lift Irrigation societies: Connected to Urban/Express feeders of HESCOM		HP	164	120131		80.00	8.65		
							163.45			52.31	
	<b>Total</b>			<b>HP</b>	<b>164</b>	<b>120131</b>	<b>163.45</b>		<b>8.65</b>	<b>52.31</b>	<b>60.96</b>
7	HT-3(a)(iii)	Applicable to Private LI schemes and Lift Irrigation societies other than those covered under HT-3 (a)(ii) of HESCOM		HP	12	4425		60.00	0.32		
							4.35			1.39	
	<b>Total</b>			<b>HP</b>	<b>12</b>	<b>4425</b>	<b>4.35</b>		<b>0.32</b>	<b>1.39</b>	<b>1.71</b>
	<b>Sub Total of HT-3(a)</b>			<b>KW</b>	<b>339</b>	<b>372559</b>	<b>443.67</b>		<b>37.61</b>	<b>142.00</b>	<b>179.62</b>
8	HT - 3b	Applicable to Irrigation and Agricultural Farms, Government Horticultural Farms, Private Horticulture nurseries, Coffee, Tea, Coconut & Arecanut Plantations. of		HP	2	64		1,540.00	0.00		
							0.09			0.05	
	<b>Total</b>			<b>HP</b>	<b>2</b>	<b>64</b>	<b>0.09</b>			<b>0.05</b>	<b>0.05</b>
	<b>Sub Total of HT-3</b>				<b>341</b>	<b>372623</b>	<b>443.76</b>		<b>37.61</b>	<b>142.05</b>	<b>179.66</b>
9	HT-4	Applicable to Residential apartments and colonies of areas under City Municipal Corporations of HESCOM		KVA	30	8532		140.00	1.08		
							15.04			10.68	
	<b>Total</b>			<b>KVA</b>	<b>30</b>	<b>8532</b>	<b>15.04</b>		<b>1.08</b>	<b>10.68</b>	<b>11.75</b>
10	HT-5	Temporary		HP	66	84724		270.00	27.45		
							35.24			38.94	
	<b>Total</b>			<b>KVA</b>	<b>66</b>	<b>84724</b>	<b>35.24</b>		<b>27.45</b>	<b>38.94</b>	<b>66.39</b>
	<b>HT - TOTAL</b>			<b>KW</b>	<b>4178</b>	<b>1356112</b>	<b>2359.94</b>		<b>244.01</b>	<b>1570.18</b>	<b>1814.19</b>
	<b>TOTAL</b>			<b>KW</b>	<b>5516598</b>		<b>13230.18</b>		<b>812.20</b>	<b>9024.72</b>	<b>9836.92</b>

  
**Executive Engineer (Ei)**  
**RA Section**  
 Corporate Office, Hescocom  
 Navanagar, Hubballi - 580 025

Annexure - 7

11/6/2019

Gmail - Energy Requirement for FY-20 (Revised) and for FY-21 for Tariff Filing FY-20



Ee Ra <eera.hescom@gmail.com>

## Energy Requirement for FY-20 (Revised) and for FY-21 for Tariff Filing FY-20

2 messages

**Ee Ra** <eera.hescom@gmail.com>  
To: HRECS hukeri <hukeri.recs@gmail.com>

Thu, Oct 24, 2019 at 3:19 PM

Please arrange to furnish Energy Requirement for FY-20 (Revised) and for FY-21

Particulars	FY-20 MU		FY-21 MU	
	Existing	Revised	Existing	Revised
HRECS Hukkeri (Including Transmission loss) in Mus	360.79		383.82	
AEQUS (Including Transmission loss) in Mus	35.43		50.17	

With Regards,

**Executive Engineer (EI), (RA)**  
Corporate Office,  
HESCOM, Hubballi-25.

**HRECS hukeri** <hukeri.recs@gmail.com>  
To: Ee Ra <eera.hescom@gmail.com>

Sat, Nov 2, 2019 at 12:20 PM

Sir,

Energy Requirement for FY-20 (Revised) and for FY-21 as below

Particulars	FY-20 MU		FY-21 MU	
	Existing	Revised (Provisional)	Existing	Revised (Provisional)
HRECS Hukkeri (Including Transmission loss) in Mus	360.79	347.77	383.82	364.49
AEQUS (Including Transmission loss) in Mus	35.43	25.61	50.17	29.80

[Quoted text hidden]

Thanks with regards,

HRECS Ltd., Hukkeri

**Executive Engineer (EI)**  
RA Section  
Corporate Office, Hescom  
Navanagar, Hubballi - 580 025

HESCOM's Approved Power Purchase For FY19							
NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES (RS Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh)	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/Kwh)
KPCL THERMAL STATIONS							
RAICHUR THERMAL POWER STATION RTPS 1-7 (7x210)	18.5000	1532.05	158.74	3.13	479.53	638.27	4.17
RAICHUR THERMAL POWER STATION RTPS 8 (1x250)	18.6734	221.83	43.35	3.06	67.92	111.28	5.02
BELLARY THERMAL POWER STATIONS BTPS-1 (1x500)	18.6734	407.63	57.90	3.75	152.86	210.76	5.17
BELLARY THERMAL POWER STATIONS BTPS-2 (1x500)	18.6734	473.18	87.86	3.40	160.88	248.74	5.26
BELLARY THERMAL POWER STATIONS BTPS-3 (1x700)	18.6734	149.39	0.00	3.12	46.61	46.61	3.12
YTPS Unit- 1	18.6734	149.39	0.00	2.34	34.96	34.96	2.34
YTPS Unit- 2	18.6734	149.39	0.00	2.34	34.96	34.96	2.34
TOTAL KPCL THERMAL		3082.85	347.85	3.17	977.72	1325.57	4.30
CGS SOURCES							
N.T.P.C-RSTP-I&II (3X200MW+3X500MW)	19.5317	517.20	38.27	2.40	124.13	162.40	3.14
N.T.P.C-RSTP-III (1X500MW)	19.5317	126.57	10.00	2.40	30.38	40.37	3.19
NTPC-Talcher (4X500MW)	19.5317	479.89	35.51	1.52	72.94	108.46	2.26
Simhadri Unit -1 & 2 (2X500MW)	19.5317	223.64	36.90	2.82	63.07	99.97	4.47
NTPC Tamilnadu Energy Company Ltd (NTECL)_Vallur TPS Stage I & 2 & 3 (3X500MW)	19.5317	135.94	25.39	3.00	40.78	66.17	4.87
Neyveli Lignite Corporation_NLC TPS-II STAGE I (3X210MW)	19.5317	134.10	16.09	2.90	38.89	54.98	4.10
Neyveli Lignite Corporation_NLC TPS-II STAGE 2 (4X210MW)	19.5317	187.27	22.66	2.90	54.31	76.97	4.11
Neyveli Lignite Corporation_NLC TPS I EXP (2X210MW)	19.5317	132.55	18.82	2.70	35.79	54.61	4.12
Neyveli Lignite Corporation_NLC TPS2 EXP (2X250MW)	19.5317	99.61	21.22	2.70	26.90	48.11	4.83

NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES (RS Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh)	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/Kwh)
NLC TAMINADU POWER LIMITED (NTPL) (TUTICORIN) (2X500MW)	19.5317	201.96	37.77	3.26	65.84	103.60	5.13
MAPS (2X220MW)	19.5317	34.71	0.00	2.23	7.74	7.74	2.23
Kaiga Unit 1 & 2 (2X220MW)	19.5317	170.71	0.00	3.23	55.14	55.14	3.23
Kaiga Unit 3 & 4 (2X200MW)	19.5317	179.11	0.00	3.23	57.85	57.85	3.23
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP U1 (1X1000MW)	19.5317	175.40	0.00	4.22	74.02	74.02	4.22
NPCIL-Kudankulam Atomic Power Generating Station (KKNPP) U2(1X1000MW)	19.5317	175.40	0.00	4.22	74.02	74.02	4.22
DVC-Unit-1 & 2 Meja TPS (2x500MW)	19.5317	284.38	39.81	2.22	63.13	102.95	3.62
DVC-Unit-7 & 8-KODERMA TPS (2x500MW)	19.5317	355.38	57.57	1.83	65.03	122.61	3.45
Kudgi	11.0000	176.91	33.79	3.60	63.69	97.48	5.51
TOTAL CGS Energy @ KPTCI periphery		3790.72	393.81	2.67	1013.63	1407.44	3.71
TOTAL MAJOR IPPS							
UDUPI POWER CORPORATION LIMITED_UPCL (2x600)	14.1250	948.07	152.64	3.15	298.64	451.28	4.76
KPCL HYDEL STATIONS							
SHARAVATHI VALLEY PROJECT_SVP (10x103.5+2x27.5)	26.0078	1181.08	0.00	0.44	51.97	51.97	0.44
MAHATMA GANDHI HYDRO ELECTRIC POWER HOUSE_MGHE (4x21.6+4x13.2)	26.0000	67.11	0.00	0.61	4.09	4.09	0.61
GERUSOPPA_GPH (SHARAVATHI TAIL RACE_STR) (4x60)	26.0000	133.60	0.00	1.62	21.69	21.69	1.62
KALI VALLEY PROJECT_KVP (2x50+6x150)	28.0221	781.27	0.00	0.70	54.69	54.69	0.70
VARAHI VALLEY PROJECT_VVP (4x115+2x4.5)	26.0000	268.87	0.00	1.21	32.62	32.62	1.21
ALMATTI DAM POWER HOUSE_ADPH (1x15+5x55)	26.0000	119.42	0.00	1.60	19.14	19.14	1.60

NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES (RS Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh)	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/Kwh)
BHADRA HYDRO ELECTRIC POWER HOUSE_BHEP ((1x2+2x12)+(1x7.2+1x6))	26.0000	13.60	0.00	4.32	5.88	5.88	4.32
KADRA POWER HOUSE_KPH (3x50)	26.0000	64.37	0.00	2.28	14.69	14.69	2.28
KODASALLI DAM POWER HOUSE_KDPH (3x40)	26.0000	73.43	0.00	1.59	11.71	11.71	1.59
GHATAPRABHA DAM POWER HOUSE_GDPH (2x16)	26.0000	19.60	0.00	2.01	3.94	3.94	2.01
SHIVASAMUDRAM (4x4+6x3) & SHIMSHAPURA (2x8.6) HYDRO STATIONS.	26.0000	75.55	0.00	0.99	7.48	7.48	0.99
MUNIRABAD POWER HOUSE (2x9+1x10)	26.0000	25.47	0.00	0.64	1.63	1.63	0.64
TOTAL KPCL HYDRO	26.0000	2823.36	0.00	0.81	229.53	229.53	0.81
OTHER HYDRO							
PRIYADARSHINI JURALA HYDRO ESLECTRIC STATION (6x39)	26.0000	28.60	0.00	4.10	11.73	11.73	4.10
TUNGABHADRA DAM POWER HOUSE_TBPH (4x9+4x9)	26.0000	3.45	0.00	1.03	0.35	0.35	1.03
TOTAL OTHER HYDRO		32.05		3.77	12.08	12.08	3.77
RENEWABLE SOURCES OF ENERGY SOURCES							
WIND-IPPS		844.35	0.00	3.50	295.52	295.52	3.50
KPCL-WIND (9x0.225+10x0.230)			0.00	3.49	0.00	0.00	
MINI HYDEL-IPPS		80.95	0.00	3.28	26.56	26.56	3.28
CO-GEN		201.08	0.00	4.36	87.62	87.62	4.36
CAPPTIVE			0.00	3.56	0.00		
BIOMASS			0.00	4.93	0.00		
SOLAR		503.91	0.00	5.60	282.19	282.19	5.60
Solar-New Park-Pavagada	19.0000	189.74	0.00	4.80	91.08	91.08	4.80
SOLAR-KPCL (YELESANDRA,ITNAL,YAPAL DINNI,SHIMSHA) (3x1+3x1+1x3x1x5)		3.53	0.00	6.18	2.18	2.18	6.18

  
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NAME OF THE GENERATING STATION	% SHARE OF ENERGY ALLOWED	ENERGY ALLOWED (MU)	CAPACITY CHARGES (RS Cr)	ENERGY CHARGES PER UNIT RATE (Rs/Kwh)	ENERGY CHARGES (Rs Cr)	TOTAL COST (Rs Cr)	PER UNIT RATE (Rs/Kwh)
TOTAL NCE		1823.56	0.00	4.31	785.15	785.15	4.31
Solar Park at Pavagada-Bundled with Thermal power of NTPC	19.0830	520.53	0.00	3.32	172.75	172.75	3.32
Power purchase from Co-gen - Medium Term	19.4600	188.92	0.00	4.82	91.14	91.14	4.82
Short term power purchase May 2018	12.5000	123.53	0.00	4.08	50.40	50.40	4.08
TRANSMISSION CHARGES			0.00		0.00		
PGCIL CHARGES			292.22		0.00	292.22	
KPTCL CHARGES			555.73		0.00	555.73	
SLDC			5.30		0.00	5.30	
POSOCO CHARGES			0.44		0.00	0.44	
<b>TOTAL INCLUDING TRANSMISSION &amp; LDC CHARGES</b>		<b>13333.57</b>	<b>1747.98</b>		<b>3631.04</b>	<b>5379.02</b>	<b>4.03</b>

  
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Analysis for KERC Approved Power Purchase Cost V/S Actual for FY 19

Ref: KERC Tariff order dated 14.05.2018, Annexure II, Page No 225

Source of Power	GoK Allocation in FY-18 %	GoK Allocation in FY-19 in %	Difference	PP Cost approved by KERC			PP Cost Actual Incurred by HESCOM			Difference		Remarks	
				Energy in MU	Cost in Cr	Cost Per Unit	Energy in MU	Cost in Cr	Cost Per Unit	Energy in MU	Cost in Cr		Cost Per Unit
KPCL Hydel	20.26	26.00	5.74	2823.36	229.53	0.81	3157.35	227.56	0.72	-333.99	1.97	0.09	Increase in Energy and PP Cost
KPCL Thermal	20.26	18.67	-1.59	2784.07	1255.65	4.51	2201.81	1193.54	5.42	582.26	62.11	-0.91	GoK allocation & PP cost Decrease
RPCL	20.26	18.67	-1.59	298.78	69.92	2.34	128.20	258.95	20.20	170.58	<-189.03	-17.86	No Generation from RPCL capacity chagres added hence increase in rate per unit.
KPCL Solar	100	100	0.00	3.53	2.18	6.18	2.66	1.70	6.39	0.87	0.48	-0.22	Decrease in energy & PP Cost
CGS	20.26	19.53	-0.73	3790.72	1407.44	3.71	3753.67	1730.17	4.61	37.05	<-322.73	-0.90	Increase in PP Cost due to capacity charges
UPCL	28.01	14.12	-13.89	948.07	451.28	4.76	689.84	428.39	6.21	258.23	22.89	-1.45	Decrease in allocation and increase in rate per unit due to capacity charges.
Renewable (Wind, MH, Cogen, solar)	19.46	19.46	0.00	1820.03	782.97	4.30	4109.83	1801.83	4.38	-2289.8	-1018.86	-0.08	Increase in Energy and increase in PP cost.
Co-gen Med term	19.46	19.46	0.00	188.92	91.14	4.82	337.57	163.60	4.85	-148.65	-72.46	-0.02	Increase in energy and PP Cost
Other Hydro			0.00	32.05	12.08	3.77	32.65	11.32	3.47	-0.6	0.76	0.30	Increase in energy and PP Cost
Others(,SLDC,PCKL,LC,)			0.00	0	5.30	0.00	8.40	0.00	0.00	0	-3.1	0.00	Increase in Cost
NTPC NSM -2	19.08	19.08	0.00	520.53	172.75	3.32	649.43	258.29	3.98	-128.9	-85.54	-0.66	Increase in energy and pp Cost
Others( IEX)			0.00	0	0	0.00	-156.94	-66.16	4.22	156.94	66.16	-4.22	sale of surplus power through IEX from PCKL
Short Term	12.5	12.5	0.00	123.53	50.4	4.08	120.73	49.31	4.08	2.8	1.09	0.00	Decrease in Energy and PP Cost
POSOCO Charges				0	0.44	0.00	0.00	0.00	0.00	0	0.44	0.00	
KPTCL Transmission Charges,				0	555.73	0.00	555.72	0.00	0.00	0	0.01	0.00	
PGCIL Transmission Charges,				0	292.22	0.00	384.83	384.83	0.00	0	-92.61	0.00	Addition due to CGS drawl through I-S corridor ( NTPC Kudagi) New unit.
<b>Total</b>				<b>13333.59</b>	<b>5379.03</b>	<b>4.03</b>	<b>15026.80</b>	<b>7007.45</b>	<b>4.66</b>	<b>-1693.21</b>	<b>-1628.42</b>		per SLDC Energy Balancing for FY-19
Inter Escom Energy Ezchange							434.52	176.63	4.06	-434.52	-176.63	-4.06	
<b>Grand Total</b>				<b>13333.59</b>	<b>5379.03</b>	<b>4.03</b>	<b>14592.28</b>	<b>6830.82</b>	<b>4.68</b>	<b>-1258.69</b>	<b>-1451.79</b>	<b>-0.65</b>	
HRECS							346.63	161.56	4.66	-346.63	-161.56	-4.66	
Rebate from Power Generator								3.78		0.00	-3.78	0.00	
<b>NET TOTAL</b>				<b>13333.59</b>	<b>5379.03</b>	<b>4.034</b>	<b>14245.65</b>	<b>6665.48</b>	<b>4.68</b>	<b>-912.06</b>	<b>-1286.45</b>	<b>-0.64</b>	



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Abstract of Different type of Generators PPA with HESCOM from 2015 to 2019

Sl. No:	Type of Generation	Up to 2015		2015-16		2016-17		2017-18		2018-19		2019-20		Total	
		No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW	No. of PPAs	Capacity in MW
1	Wind PP	146	405.65	2	93.50	17	422.00	8	90.30	6	50.00	-	-	179	1,061.45
2	Wind (MoA)	10	102.45	-	-	-	-	-	-	-	-	-	-	10	102.45
3	Solar PP	8	130.00	-	-	24	500.00	4	65.00	4	200.00	-	-	40	895.00
5	Cogen PP	8	62.04	-	-	8	140.88	1	26.50	-	-	1	25.42	18	254.84
6	Cogen PP(5yr)	-	-	-	-	27	93.70	10	30.32	-	-	-	-	37	124.02
7	Hydel PP	5	41.30	-	-	-	-	-	-	-	-	-	-	5	35.00
	Total	177	741.44	2	93.50	76	1,156.58	23	212.12	10	250.00	1	25.42	289	2,472.76
	Cumulative Total	177	741.44	179	834.94	255	1,991.52	278	2,203.64	288	2,453.64	289	2,479.06		

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Annexure-10

Annexure-11

Ascending order of Variable (Annexure 11)								Remarks
Power Purchase cost of HESCOM for FY-19								
Sl no	Source	Installed Capacity in MW	Energy in Mus	Fixed Charges/annum (Rs in Crs)	Variable Charge (Ps / Kwh)			
					Variable Charge (Rs in Crs)	Fuel Escn Charges/Royalty	Total variable Charges	
1	Inter ESCOMS		(434.52)	-	(176.63)	-	(176.63)	Receivable
2	Less HRECS		(346.63)	-	(161.56)	-	(161.56)	
3	Less Rebate		-	(3.78)	-	-	-	
4	Indian Energy Exchange (IEX)		(156.94)	-	(66.16)	-	(66.16)	
5	Linganamakki	55	62.81	0.14	(0.06)	-	(0.06)	
6	Chakra		-	-	-	-	-	
7	Mani Dam		-	-	-	-	-	
8	BTPS		-	-	-	-	-	
9	Bagalkot		-	-	-	-	-	
10	Tuticoir		-	-	-	-	-	
11	REACTIVE ENERGY		-	-	-	-	-	
12	Biomass		-	-	-	-	-	
13	Captive		-	-	-	-	-	
14	OTHERS		-	-	-	-	-	
15	New projects		-	-	-	-	-	
16	Co-generation		-	-	-	-	-	
17	Biomass		-	-	-	-	-	
18	Mini Hydel		-	-	-	-	-	
19	Wind mill		-	-	-	-	-	
20	Waste Energy		-	-	-	-	-	
21	Solar		-	-	-	-	-	
22	KPCL wind		-	-	-	-	-	
23	TB Dam		-	-	-	-	-	
24	Co-generation (Sec-11)		-	-	-	-	-	
25	TANGEDCO		-	-	-	-	-	
26	Mallaprabha Mini Hydel		0.03	-	-	-	-	
27	Mallapur		0.22	-	-	-	-	
28	TBHE		7.03	-	-	-	-	
29	SHIMSHA	17	18.39	-	-	-	-	
30	Priyadrashini Jurala Hydro Project	234	10.56	15.25	-	-	-	
31	TANTRANSCO		-	-	0.01	-	0.01	
32	PCKL		-	-	0.04	-	0.04	
33	UI (South Western Railways)		(1.77)	-	0.56	-	0.56	
34	SHIVASAMUDRAM	42	56.15	0.23	1.52	-	1.52	
35	KPCL Solar	3	2.66	-	1.70	-	1.70	
36	LC Charges		-	-	2.52	-	2.52	
	Solar W&B		17.84	-	2.51	-	2.51	
37	MGHE JOGFALLS	139	49.13	0.76	2.72	-	2.72	
38	Ghataprabha Hydro Electric Project(GHEP)	32	20.61	0.39	3.31	-	3.31	
39	Varahi Units 3&4	230	-	6.68	4.19	-	4.19	
40	Almatti Power House(ADPH)	290	104.24	13.27	4.51	-	4.51	
41	Bhadra Power House (BPH)	39	15.26	0.53	5.21	-	5.21	
42	Infirm Wind		14.60	-	5.60	-	5.60	
43	SLDC O & M Expenses		-	-	5.83	-	5.83	
44	MAPS (NPCIL)	440	18.53	-	6.19	-	6.19	
45	MUNIRABAD	28	23.05	1.20	6.70	-	6.70	
46	UI Charges		(8.85)	-	6.90	-	6.90	
47	Gerusoppa Power House(GPH)	241	133.87	6.84	8.91	-	8.91	
48	Kodasalli Power House(KDPH)	120	85.96	3.48	9.42	-	9.42	
49	Mini Hydel	41	32.65	-	11.32	-	11.32	
50	Infirm Solar		28.63	-	12.70	-	12.70	
51	Kadra Power House(KPH)	150	94.15	5.38	14.06	-	14.06	

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52	Unit III	700	57.95	92.63	18.08	-	18.08
53	Varahi 1 &2	230	326.34	5.63	24.79	-	24.79
54	NTPC VVNL-SOLAR	733	24.27	-	26.56	-	26.56
55	NTPC VVNL(COAL)		70.61	8.21	29.37	-	29.37
56	NTPC - RSTPS-3D	1000	123.71	9.54	31.11	-	31.11
57	Wind W&B & Through SLDC	-	123.94	-	36.72	-	36.72
58	RPCL (YTPS)	324	128.19	219.00	39.95	-	39.95
59	Kalinadi(Nagajari)	885	929.37	8.85	37.94	-	37.94
60	Sharavathi	1035	1,230.89	9.84	41.13	-	41.13
61	Other High Cost (Short term)		120.73	-	49.31	-	49.31
62	NTPC-SMTPS-2D(SIMHADRI)	2000	208.10	40.70	60.39	-	60.39
63	NTECL Vallur	500	143.15	34.03	63.74	-	63.74
64	NLC TPS I EXP	82	121.42	13.57	71.63	-	71.63
65	RTPS 8	250	216.61	52.20	77.38	-	77.38
66	NTPC -TSTPS-2D(TALCHER)	500	466.20	35.50	81.09	-	81.09
67	NLC TPL		202.05	40.91	97.64	-	97.64
68	Kudamkulam	2000	239.33	-	110.08	-	110.08
69	NLC TPS 2 (Stage1&2+TPS 2 EXP)	286	423.00	52.90	112.42	-	112.42
70	NTPC-RSTPS-1D	2100	470.79	35.88	120.83	-	120.83
71	Unit I	500	305.34	55.76	121.98	-	121.98
72	NTPC NSM (Coal)		397.15	5.28	126.10	-	126.10
73	NTPC NSM Solar		252.28	-	126.93	-	126.93
74	NTPC Kudgi Stn 1	600	334.59	149.76	127.83	-	127.83
75	DAMODAR VALLEY CORPORATION	1000	514.00	85.27	128.56	-	128.56
76	Unit II	500	344.42	56.12	137.60	-	137.60
77	Kaiga (NPCIL) Unit 1 & 2	880	418.24	-	155.85	-	155.85
78	M/s UPCL	1201	689.84	172.33	256.06	-	256.06
79	Co-generation	656	767.82	-	323.47	-	323.47
80	PGCIL Transmission Charges		-	-	384.83	-	384.83
81	RTPS -1 to 7	1471	1,277.50	156.50	425.29	-	425.29
82	KPTCL Tr Charges		-	-	555.72	-	555.72
83	SOLAR- OTHERS	244	1,081.47	-	560.27	-	560.27
84	Wind mill	563	2,388.69	-	1,002.04	-	1,002.04
	<b>Total</b>	<b>22341.91</b>	<b>14,245.64</b>	<b>1,390.77</b>	<b>5,274.72</b>	<b>-</b>	<b>5,274.72</b>

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