

SYSTEM PERFORMANCE REPORT



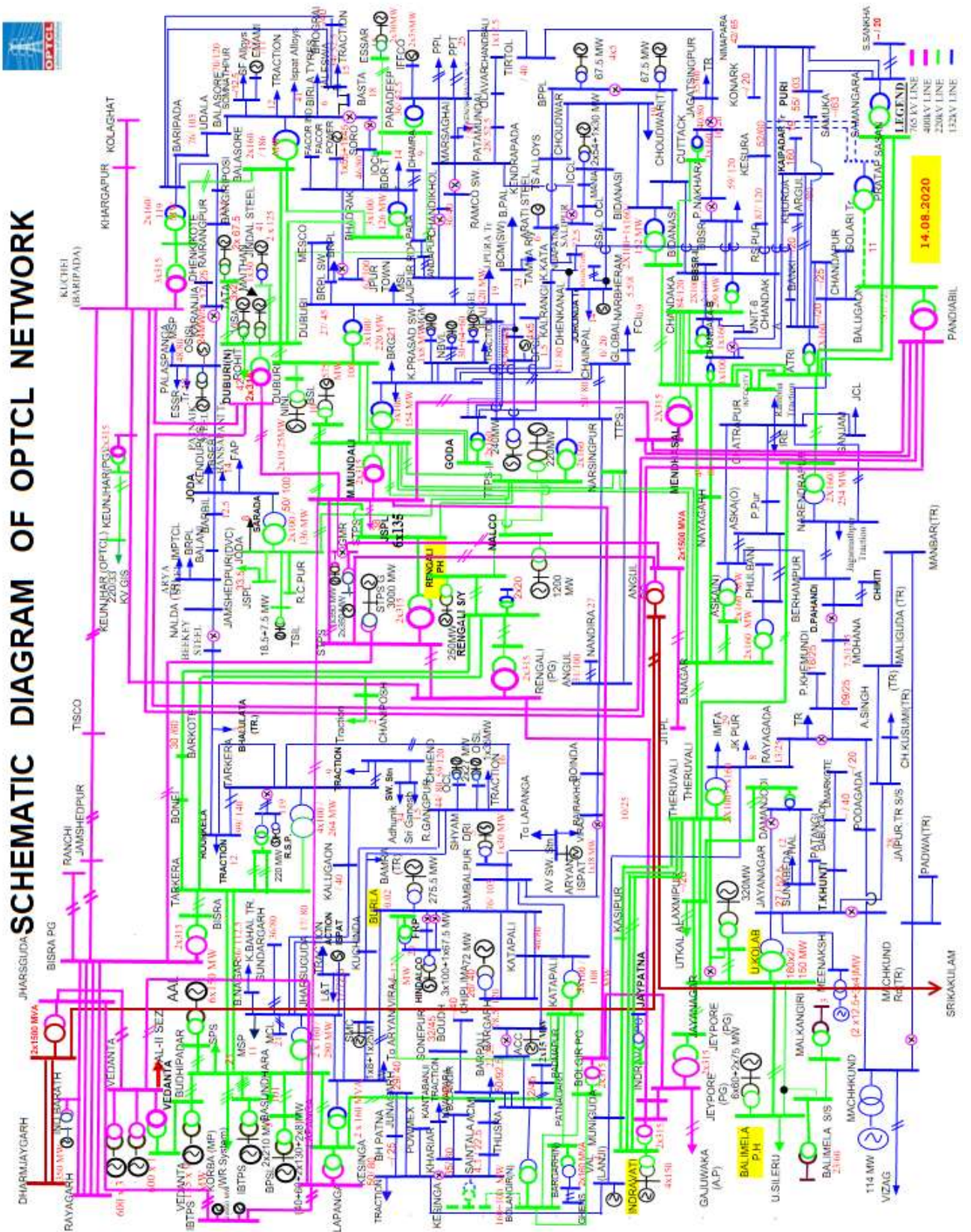
AUGUST'2020

SLDC, OPTCL
BHUBANESWAR – 17

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SCHEMATIC DIAGRAM OF OPTCL NETWORK



SUMMARY REPORT FOR AUGUST- 2020

A. Voltage Profile

220 KV

			<u>Date & Time</u>	<u>Location</u>
Maxm. -	241.27 kV	20.08.2020	06:45Hrs	Laxmipur
	>240 KV			Jayanagar, Laxmipur.
Minm. -	197.28 kV	09.08.2020	21:15 Hrs	Bhadrak
	< 200 KV			Bhadrak.

132 KV

Maxm. -	143.30 kV	26.08.2020	05:45 Hrs	Chainpal
	>145 KV			Nil.
Minm. -	95.55 kV	14.08.2020	16:15 Hrs	Khurda.
	< 120 KV			Chainpal, Khurda, Puri.

B. Frequency Profile

Date & Time

Maxm. -	50.24 Hz	21.08.20	13:33 Hrs.
Minm. -	49.60 Hz	31.08.20	19:11 Hrs.
Average -	50.00 Hz		
% of time the freq. is within 49.9 Hz to 50.05 Hz -	(IEGC band)	78.93%	
% of time the freq. is > 50.05 HZ -		15.08%	
% of time the freq. is ≤49.9 HZ -		5.99%	
% of time the freq. is < 48.5 HZ -		0.00%	

C. Demand Profile

Peak System Demand	4487.95 MW	At 20:00 Hrs on 28.08.20
Minimum System Demand	2593.56 MW	At 05:00 Hrs on 26.08.20
Average System Demand	3529.83 MW	

D. Major events

Sl. No	Date	Details of event
1	06.08.20	At 17:20 Hrs, Unit #1(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).
2	06.08.20	At 19:21 Hrs, 315 MVA, 400/220 kV ICT-II at Tata Steel Ltd, Kalinganagar S/S charged.
3	07.08.20	At 13:37 Hrs, Unit #2(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).
4	07.08.20	At 16:27 Hrs, 315 MVA, 400/220 kV ICT-I at Tata Steel Ltd, Kalinganagar S/S charged.
5	14.08.20	At 13:24 Hrs, 40 MVA, 132/33 kV Power Transformer- II charged at Grid S/S, New Bargarh.
6	15.08.20	At 01:09 Hrs, 132 kV Tusura-Deogaon RTSS charged.
7	21.08.20	At 00:25 Hrs, Unit #3(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).

GENERATION CAPACITY

STATE SECTOR GENERATION

All Figures in MW

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY		FIRM POWER (MW)
1	O.H.P.C.			
	HIRAKUD POWER STATION			
	(a)BURLA	2x49.5 = 99 2x32 = 64 3x37.5 = 112.5	275.5	134
	(b)CHIPLIMA	3x24	72	
	BALIMELA POWER HOUSE	6x60 + 2x75	510	135
	RENGALI POWER HOUSE	5x50	250	60
	UPPER KOLAB POWER HOUSE	4x80	320	95
	INDRAVATI POWER HOUSE	4x150	600	224
	MACHHKUND POWER HOUSE (Orissa Share 30%, Purchase upto 20% extra)	3x17 = 51.00 3x23= 69	36	30
	TOTAL HYDRO (A)	2063.5		
2	N.T.P.C.(TAKEN OVER)			
	TTPS STAGE-I	4x60 = 240	160.2 (Auxilliary 10.5 %, Availability 80%)	160.2 (Auxilliary 10.5 %, Availability 80%)
	TTPS STAGE - II	2x110 = 220	146.85 (Auxilliary 10.5 %, Availability 80%)	146.85 (Auxilliary 10.5 %, Availability 80%)
	TOTAL TTPS	460		
3	O.P.G.C.			
	IB TPS	2x210 = 420	342.09 (Auxilliary 9.5 %, Availability 90%)	342.09 (Auxilliary 9.5 %, Availability 90%)
	IB TPS-Stage-II	2x660 = 1320	(75) 833.085 (Share 75%, Auxilliary 6.5 %, Availability 90%)	833.085 (Share 75%, Auxilliary 6.5 %, Availability 90%)
	TOTAL THERMAL (B)	2200		

CENTRAL SECTOR GENERATION

SL.NO.	NAME OF POWER STATION	INSTALLED CAPACITY	OPTCL'S SHARE OF INSTALLED CAPACITY ON REALTIME BASIS.		AUX. CONS.	% AGE AVAILABILITY (excluding UA)
			% age	MW	%	%
1	CHUKHA (BHUTAN)	4 x 84 = 336 (Considering 270 MW, total availability)	15.19	41.00		85
2	TALA HEP (BHUTAN)	6 x 170 = 1020	4.25	43.40		
3	FARAKKA (WEST BENGAL)	3 x 200 = 600 2 x 500 = 1000 1 x 500 = 500	13.63 16.62	218.08 83.10	7.5	77.91 85
4	KAHALGAON (BIHAR)	4 x 210 = 840 3 x 500 = 1500	15.24 2.05	132.47 39.30	9 9	53.98 62.11
5	TSTPP, KANIHA (ORISSA)	2 x 500 = 1000 4 x 500 = 2000	31.8 10	318.00 200.00	7.5 7.5	85
6	TISTA HEP (SIKKIM)	3 x 170 = 510	20.59	105.00		85
7	MANGDECHU HEP, BHUTAN	4x180	9.33+1.65	90.87		
8	MTPS (Mijafarpur) (BIHAR)	2x195	8.53	33.27		
9	DARLIPALI STPS	1X800	58.82	470.56		
	TOTAL ISGS			1775.05		

GRAND TOTAL, (A) + (B) + (C) = 6038.55

Firm power for OHPC stations has been computed as per design energy of the stations approved by CEA. Firm availability of State Thermal as per CERC /OERC norms. ISGS share of power is as per CGS power allocation sheet of CEA as on 01.07.2013.

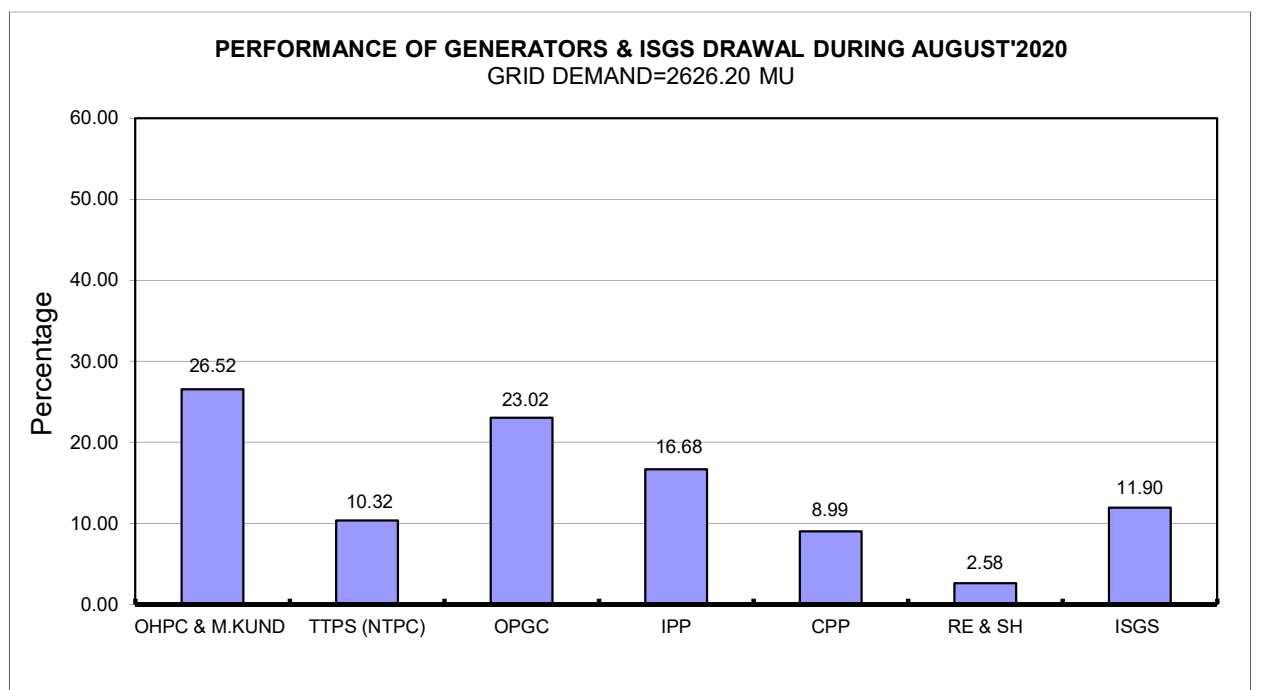
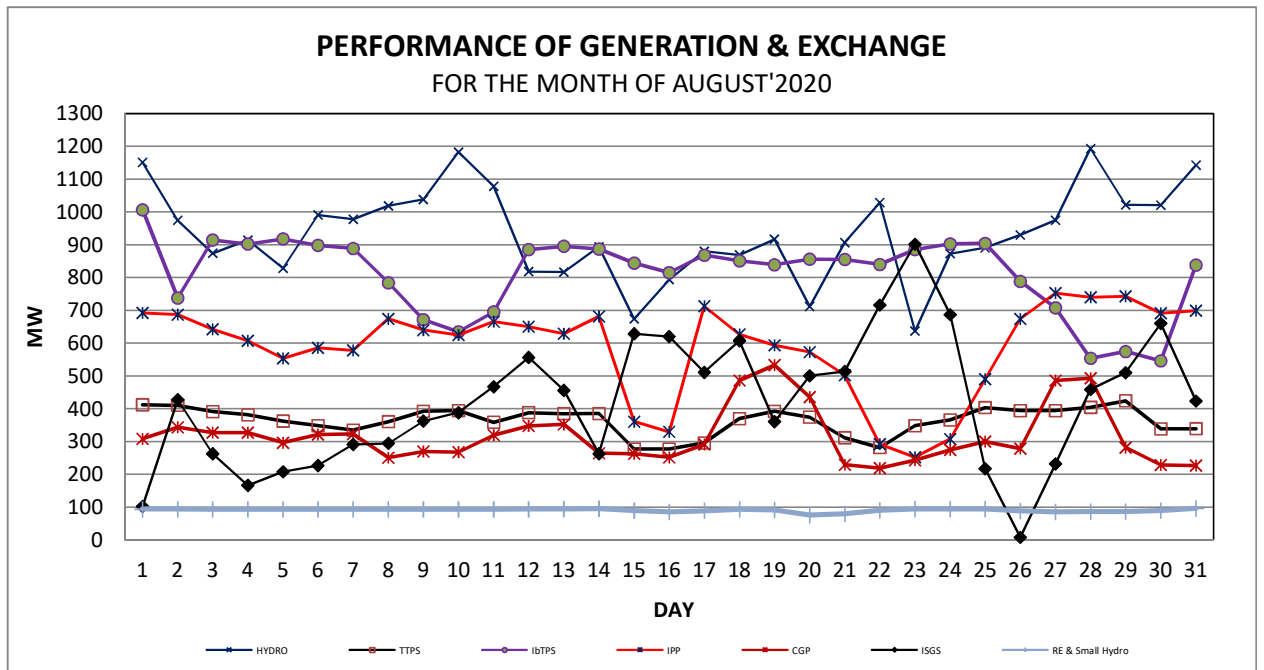
CAPACITY OF IPP, CPP, SMALL HYDRO & RENEWABLE

SL.No	POWER STATION	INSTALLED CAPACITY	TOTAL	TYPE	VOLTAGE LEVEL
IPP & SMALL HYDRO					
1	MEENAKSHI POWER LTD.	3 X 4 + 2 X 12.5	37	SMALL HYDRO	132 kV
2	ORISSA POWER CONSORTIUM LTD.	4 X 5	20	SMALL HYDRO	132 kV
3	VEDANTA LTD., JHARSUGUDA(IPP)	1 X 600	600	THERMAL	400kV
4	GMR KAMALANGA ENERGY LTD.	3 X 350	1050	THERMAL	400kV
5	JITPL	2 X 600	1200	THERMAL	400kV
6	NBVL (MERAMUNDALI)	1 X 60=60	60	THERMAL	132 kV
7	BTPL	3X8=24	24	SMALL HYDRO	132kV
	TOTAL		2991		

CPP					
1	AARATI STEEL GHANTIKHAL	1 X 40 + 1 X 50	90	THERMAL	132 kV
2	ACC. BARGARH	1 X 30	30	THERMAL	132 kV
3	ACTION ISPAT & POWER PVT. LTD.	1 X 12 + 1 X 25 + 1 X 43	80	THERMAL	132 kV
4	ARYAN ISPAT & POWER PVT. LTD.	1 X 18	18	THERMAL	132 kV
5	ADITYA ALUMINIUM Ltd	6X 150	900	THERMAL	220 kV
6	BHUBANESWAR POWER PVT. LTD.	2 X 67.5	135	THERMAL	132 kV
7	BHUSAN STEEL LTD.,MERAMUNDALI	1 X 33+1 X 77+ 2 X 150+2 X 165	740	THERMAL	220 kV
8	BHUSAN POWER & STEEL LTD,	1X60+1X40+3X130+ 2 X 8	506	THERMAL	220 kV
9	EMAMI PAPER MILLS.	1 X 15 + 1 X 5	20	THERMAL	132 kV
10	ESSAR POWER LTD	2x30	60	THERMAL	220 kV
10	FACOR POWER	1X 45	45	THERMAL	132 kV
11	HPCL(HINDALCO),(HIRAKUD)	1 X 67.5 + 3 X 100	367.5	THERMAL	132 kV
12	IMFA(CHOUDWAR)	2 X 54 + 1 X 30 + 2 X 60	258	THERMAL	132 kV
13	IFFCO (PARADEEP)	2 X 55	110	THERMAL	132 kV
14	JINDAL STAINLESS LTD., DUBURI	2 X 125 + 1 X 13	263	THERMAL	220 kV
15	JINDAL STEEL & POWER LTD., ANGUL	6 X 135	810	THERMAL	220 kV
16	NINL (DUBURI)	2 X 19.25 + 1 X 24	62.5	THERMAL	220 kV
17	MAHAVIR FERRO ALLOYS PVT. LTD.	1 X 12	12	THERMAL	33 kV
18	MAITHAN ISPAT NIGAM LTD., Jajpur Rd	1 X 30	30	THERMAL	220 kV
19	MSP METTALLICS LTD.	1 X 25	25	THERMAL	132 kV
20	NALCO(ANGUL)	10 X 120	1200	THERMAL	220 kV
21	NALCO(DAMANJODI)	18.5 X 4	74	THERMAL	132 kV
22	NARBHERAM POWER & STEEL PVT.	1 X 8	8	THERMAL	132 kV
23	NBVL (MERAMUNDALI)	1 X 30 + 1X 64	94	THERMAL	132 kV
24	OCL INDIA LTD., RAJGANGPUR	2 X 27	54	THERMAL	132 kV
25	OISL, RAJGANGPUR	1 X 35	35	THERMAL	132 kV
25	ORISSA SPONGE IRON & STEEL LTD.	1 X 24	24	THERMAL	132 kV
26	PATTANAIK STEEL, (KEONJHAR)	1 X 15	15	THERMAL	33 kV
27	RATHI STEEL & POWER LTD. (Katapalli)	1 X 20	20	THERMAL	33 kV
28	RSP (ROURKELA)	2 X 60 + 4 X 25	220	THERMAL	220 kV
29	SEVEN STAR STEELS LTD.	1 X 8	8	THERMAL	33 kV
30	SHYAM DRI, (PANDOLI, SAMBALPUR)	1 X 30	30	THERMAL	132 kV
31	SMC POWER GENERATION LTD.	1 X 8 + 1 X 25	33	THERMAL	132 kV
32	SREE GANESH	1 X 32	32	THERMAL	132 kV
33	TATA SPONGE IRON (JODA)	1 X 18.5 + 1 X 7.5	26	THERMAL	220 kV
34	TATA POWER & STEEL, (K NAGAR)	2 X 67.5	135	THERMAL	220 kV
35	UTKAL ALUMINA, LAXMIPUR	3x30	90	THERMAL	220 kV
36	VEDANTA LTD.(SEZ),JHARSUGUDA	3 X 600	1800	THERMAL	400 kV
37	VEDANTA (JHARSUGUDA))	9 X 135	1215	THERMAL	220 kV
38	VEDANTA (LANJIGARH)	3 X 30	90	THERMAL	132 kV
39	VISA STEEL LTD., (NEW DUBURI)	3 X 25	75	THERMAL	220 kV
40	YAZDANI STEEL & POWER.	1 X 10	10	THERMAL	33 kV
		TOTAL	9850		

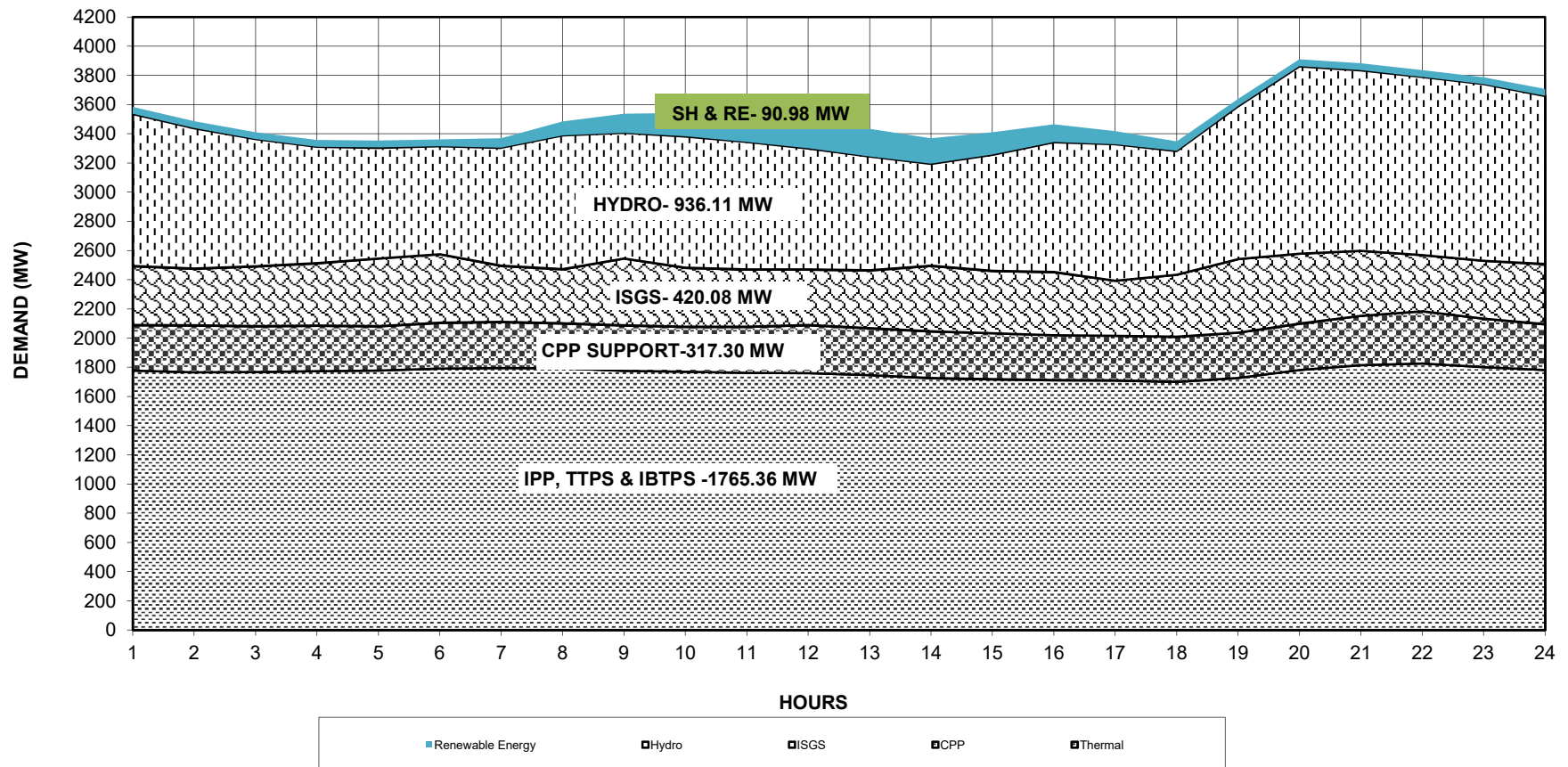
RENEWABLE PROJECTS

Sl.No	POWER STATION	INSTALLED CAPACITY	TOTAL	TYPE		CONNECTIVITY VOLTAGE
1	ABACUS HOLDINGS PVT. LTD, SONEPUR	1 MW	1	SOLAR		11 kV
2	AFTAAB SOLAR PVT. LTD. ,BOLANGIR (N)	5 MW	5	SOLAR		33 kV
3	ALEX GREEN ENERGY PVT LTD. PATNAGARH	5 MW	5	SOLAR		33 kV
4	JAY IRON & STEEL, BAMARA	1 MW	1	SOLAR		11 kV
5	J.K. PAPER LTD., THERUVALI	25 MW	25	BIOMASS		132 kV
6	M.G.M. GREEN ENERGY., CHANDPUR	1 MW	1	SOLAR		11 kV
7	MOLISATI VINIMAY PVT. LTD. BARKOTE	1 MW	1	SOLAR		11 kV
8	OCL SOLAR, SALIPUR	2.5 MW	2.5	SOLAR	SELF	132 kV
9	VIVACITY R.E PVT. LTD, CHANDPUR	1 MW	1	SOLAR		11 kV
10	RAAJRATNA ENERGY PVT. LTD. BOLANGIR (N)	1 MW	1	SOLAR		11 kV
11	S. N. MOHANTY, BARANGA, CHANDAKA	1 MW	1	SOLAR		11 kV
12	SHALIVAHAN GREEN ENERGY LTD.	20 MW	20	BIOMASS		132 kV
13	MAHAVIR FERRO ALLOYS (SOLAR), BANEI	1 MW	1	SOLAR		33 kV
14	MCL, BURLA, KATAPALI	2 MW	2	SOLAR	SELF	11 kV
15	ACME SOLAR, MURSING, BOLANGIR-SAINTALA	25 MW	25	SOLAR		132 kV
16	GEDCOL, MANMUNDA, SONEPUR	20 MW	20	SOLAR		33 kV
17	JYOTI SOLAR SOLUTIONS(P) LTD	10 MW	10	SOLAR		33 kV
18	SADIPALI SOLAR	20 MW	20	SOLAR		33 kV
19	BEL, SAINTALA	7.5 MW	7.5	SOLAR		132 kV
20	DAKSHIN ODISHA URGV PVT. LTD, PADMAPUR	40 MW	40	SOLAR		132 kV
21	VENTO POWER& ENERGY LTD, Dendugoda, KESINGA	2x40 MW	80	SOLAR		132 kV
22	VENTO POWER& ENERGY LTD, Tusara	2x40 MW	80	SOLAR		132 kV
23	VENTO POWER& ENERGY LTD, Tentulikhunti	1x40 MW	40	SOLAR		132 kV
24	IMFA SOLAR, Theruvali	4.5 MW	4.5	SOLAR	SELF	33 kV
25	ADITYA BIRLA RENEWABLES LTD, BOUDH	25 MW	25	SOLAR		
		TOTAL	419.5			
	GRAND TOTAL (SMALL HYDRO,IPP & CPP)		19299.05			



AVERAGE GRID DEMAND [HOURLY] FOR THE MONTH OF AUGUST'2020

Average Demand=3529.83 MW



COMPARISON SYSTEM DEMAND WITH PREVIOUS FINANCIAL YEAR



MONTHLY GENERATION & DEMAND REPORT FOR THE STATE OF ODISHA IN THE MONTH OF AUGUST- 2020

(A)SELF GENERATION

SL No.	Name of Gen. Station	Unit wise generation (MU)								Average MW	Auxiliary MU	Maximum Generation in MW	DATE	Time	
		Unit-I	Unit-II	Unit-III	Unit-IV	Unit-V	Unit-VI	Unit-VII	Unit-VIII	Total					
1	Burla	0.000	29.341	20.272	20.273	0.000	0.000	0.000	0.000	69.886	93.933	0.246	111.78	31	0.00
2	Chiplima	12.912	12.338	8.331	-	-	-	-	-	33.581	45.136	0.108	57.87	27	8.00
4	Balimela	0.000	0.000	28.155	0.000	28.073	29.773	35.797	36.457	158.255	212.708	0.960	302.66	27	20.00
5	Rengali	31.884	30.365	31.147	32.568	32.231	-	-	-	158.195	212.627	0.121	255.72	30	16.00
6	Upper Kolab	30.367	26.861	0.000	16.552	-	-	-	-	73.780	99.167	0.391	231.62	30	20.00
7	Upper Indravati	39.984	62.441	48.011	32.796	-	-	-	-	183.231	246.278	4.060	603.68	29	24.00
8	Total Hydro (OHPC)	-	-	-	-	-	-	-	-	676.928	909.849				
9	Machhakund (Orissa drawal)	-	-	-	-	-	-	-	-	25.455	34.214		52.76	24	6.00
10	Total Hydro	-	-	-	-	-	-	-	-	702.383	944.063		1532.19	27	20.00
11	TTPS-I	36.838	40.635	42.080	39.573	-	-	-	-	159.126	213.879		226.49	2	16.00
12	TTPS-II	67.042	72.795	-	-	-	-	-	-	139.837	187.953		213.94	28	19.00
13	Total TTPS	-	-	-	-	-	-	-	-	298.963	401.832	34.100	433.54	29	17.00
14	IBTPS-I	118.32	109.134	-	-	-	-	-	-	227.450	305.712	27.393	1122.61	1.00	1.00
15	IBTPS-II	-	-	185.669	266.369	-	-	-	-	452.038	607.578	35.869			
16	Total IBTPS	-	-	-	-	-	-	-	-	679.488	913.290				
17	IPPs & CGPs Support	-	-	-	-	-	-	-	-	691.493	929.426				
18	Total Thermal & IPPs & CGP	-	-	-	-	-	-	-	-	1669.944	2244.548		2601.81	12	22.00
19	Injection by Renewable projects	60.8686	-	-	-	-	-	-	-	60.869	81.813				
20	Total self generation	-	-	-	-	-	-	-	-	2433.195	3270.423	103.248	4032.07	1	1.00

Note: 1. All the figures stated above are taken from operational meters. Those figures should not be used for any commercial calculation.

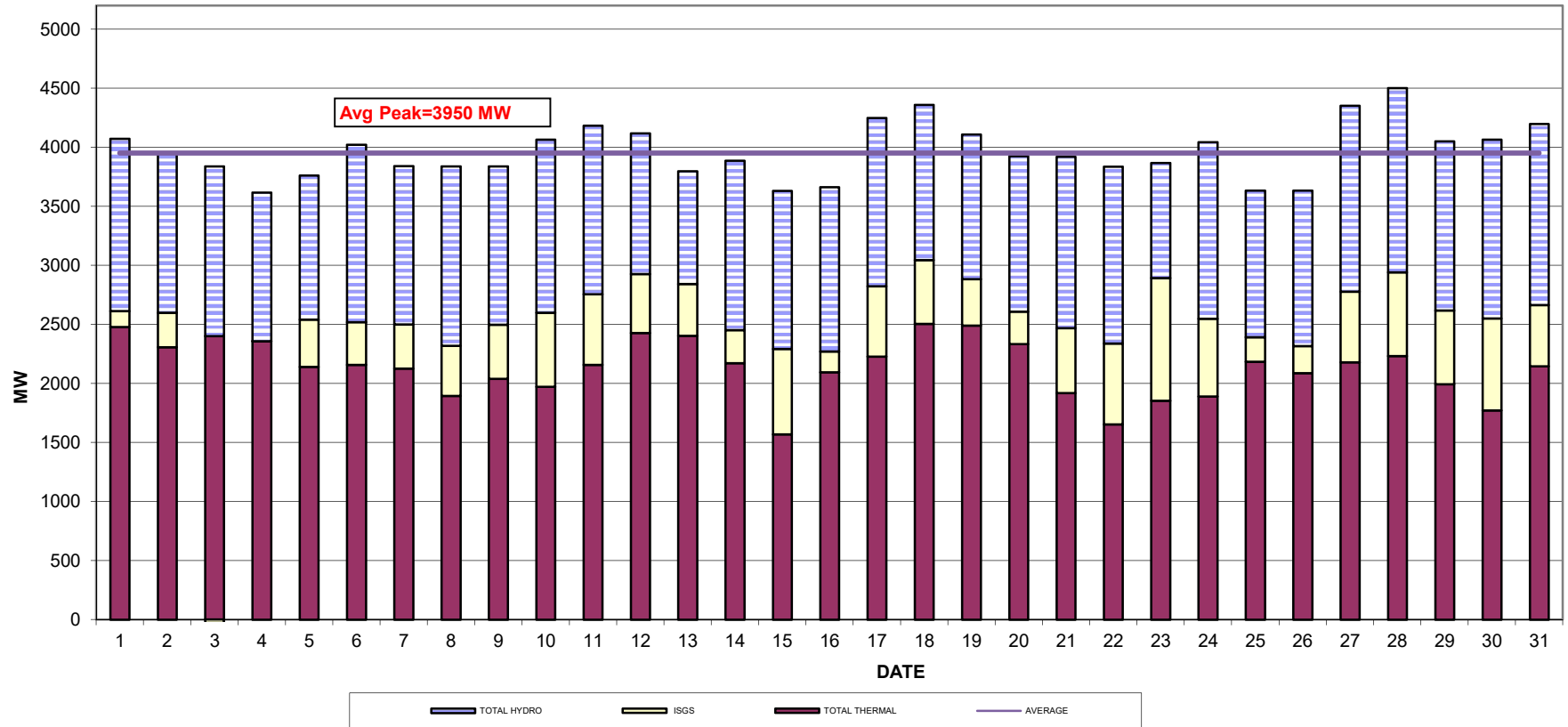
(B) IPPs / CGPs Injection :-

SL No.	Name of IPP / CGPs	Injection in (MU)	Average (MW)	Maximum Injection (MW)	DATE	TIME (Hr.)	Name of the Tie line	Net	Avg	Maximum	DATE	TIME	Maximum	DATE	TIME
								MU	MW	Import (MW)		Export (MW)			
1	Aarti Steel Ltd, ghanikhal	3.310	4.449	17.72	26	3.00	132KV JODA-KENDUPOSI	-13.11	-17.62	-4.50	20	15.00	-25.23	6	21.00
2	ACC	0.000	0.000				132KV KALABADIA-BANGIRIPOSI	37.34	50.18	75.21	12	21.00	11.26	26	14.00
3	Action Ispat	0.000	0.000				132KV KALABADIA-BARIPADA	20.32	27.31	41.67	31	23.00	6.55	26	2.00
4	Aryan Ispat,	4.500	6.048				132 KV BHOGRAI-KUCHEI	9.81	13.19	23.54	1	22.00	0.00	15	17.00
5	BPPL	79.652	21.203	120.00	6	12.00	132 KV JALESWAR-KUCHEI	13.43	18.05	32.22	2	14.00	0.62	23	18.00
6	BPSL, Jharsuguda	15.775	21.203	117.83	12	23.00	220KV JODA-JAMSHEDPUR	-48.66	-65.40	0.36	5	7.00	-133.90	14	23.00
7	TSBSL, Meramundali	13.799	18.547	77.11	18	15.00	220KV JODA-RAMCHANDRAPUR	31.42	42.23	98.86	31	10.00	-3.34	21	21.00
8	GMR Kamalanga Energy Ltd.(IPP)	200.319	269.246				220KV RENGALI SY- RENGALI P.G-I	-1.54	-2.07	48.39	14	20.00	-66.06	6	13.00
9	HINDALCO, Hirakud	1.672	2.247				220KV RENGALI SY- RENGALI P.G-II	-2.58	-3.47	59.13	14	20.00	-48.13	23	21.00
10	IFFCO, Paradeep	0.0002	0.000				220KV JAYANAGAR JEYPORE PG-I	-49.33	-66.30	75.82	15	10.00	-163.17	28	17.00
11	IMFA, Choudwar	24.139	32.445	44.36	29	14.00	220KV JAYANAGAR JEYPORE PG-II	-49.94	-67.12	78.33	15	10.00	-163.17	28	17.00
12	JINDAL, New Duburi	4.589	6.168	46.82	26	4.00	220KV RENGALI P.H-KANIHA	-65.13	-87.55	2.20	15	24.00	-158.97	8	24.00
13	JISPL, Angul	15.461	20.780	84.49	11	12.00	220KV TTPS-KANIHA	45.19	60.73	128.27	17	19.00	5.03	4	18.00
14	Mahavir Ferro Alloys	0.000	0.000				220KV MERAMUNDALI-KANIHA-I	58.88	79.14	162.91	3	23.00	0.51	6	12.00
15	Mathan Ispat Ltd.	0.000	0.000				220KV MERAMUNDALI-KANIHA-II	58.59	78.75	197.55	5	15.00	0.03	18	22.00
16	Meenakshi Power Ltd. (SH)	29.548	39.715				220KV TARAKARA-BISRA-I & II	61.90	83.20	206.91	2	12.00	-12.91	28	3.00
17	MSP, Jharsuguda	0.000	0.000				220 KV KALABADIA-BALASORE-I&II	112.14	150.73	259.67	12	15.00	63.34	25	16.00
18	NALCO, Angul	7.70	10.352	56.00	29	9.00	220KV KATAPALI - BOLANGIR(PG)	-58.29	-78.35	1.72	14	23.00	-126.82	2	6.00
19	Narberham	0.128	0.172				220KV SADEIPALI - BOLANGIR(PG)	87.60	117.74	277.00	14	20.00	-95.00	25	14.00
20	NBVL, Kharag Prasad	5.878	7.901	43.94	24	20.00	220KV BUDHIPADAR-KORBA-I	-28.36	-38.12	28.65	6	21.00	-112.11	20	8.00
21	NINL, Duburi	0.000	0.000				220KV BUDHIPADAR-KORBA-II	48.70	65.46	118.69	14	3.00	-112.11	20	8.00
22	OCL	0.210	0.282				220KV BUDHIPADAR-KORBA-III	43.37	58.29	108.23	14	3.00	1.23	2	4.00
23	OPCL, Samal (SH)	5.858	7.874				220KV ATRI - PANDIVIL	118.86	159.75	256.50	3	16.00	0.45	14	12.00
24	PSAL, Keonjhar	0.000	0.000				220KVSAMANGHARA- PANDIVIL	0.00	0.00	0.00	1	1.00	0.00	21	9.00
25	RSP, Rourkela	0.000	0.000				220KV KEONJHAR 220KV KEONJHAR	3.41	4.59	15.85	10	21.00	0.00	10	21.00
26	Shree Ganesh	0.387	0.520				220KV KEONJHAR 220KV KEONJHAR	0.20	0.26	5.12	30	20.00	-0.02	30	20.00
27	Shyam Metalics	0.571	0.767				400KV INDRAVATI P.H-P.G	-33.44	-44.94	111.85	14	14.00	-242.67	28	17.00
28	SMC Power	0.015	0.020				400KV MERAMUNDALI-KANIHA	265.90	357.39	877.16	17	18.00	-211.59	2	12.00
29	TSLPL	12.341	16.588				400KV MERAMUNDAL-ANGUL-I&II	-63.27	-85.04	90.43	16	1.00	-277.81	24	10.00
31	Vedanta Ltd. (IPP-Unit-2)	216.701	291.265				400KV MENDHASAL - PANDIABIL-I &II	-238.70	-320.83	-63.81	21	9.00	-516.53	3	23.00
32	Vedanta, Jharsuguda	40.982	55.084				400KV DUBURI - PANDIABIL	101.63	136.60	259.66	14	23.00	31.95	25	9.00
33	Vedanta, Lanjigarh	0.707	0.960				400KV DUBURI - BARIPADA	27.50	36.96	150.59	20	12.00	-103.61	15	2.00
34	VISA Steel, New-Duburi	1.191	1.601	12.20	15	7.00	400KV VEDANTA-JHARSUGUDA Ckt-I	-24.97	-33.57	114.55	16	10.00	-234.99	14	18.00
34	Yazdani Steel & Power Ltd., J.J Rd	0.000	0.000				400KV VEDANTA-JHARSUGUDA Ckt-II	-25.05	-33.68	115.12	16	10.00	-235.53	14	18.00
35	Vedanta Ltd. (3*600)	6.059	8.143				400KV OPGC-JHARS PG- I	-65.71	-88.32	68.20	2	12.00	-249.65	14	18.00
							400KV OPGC-JHARS PG- II	-65.48	-88.01	68.19	2	12.00	-248.75	14	18.00
	Total support from CPPs	691.493	929.426												
							Net ISGS	312.59	420.15	1076.15	23	23.00	-249.65	14.00	18.00

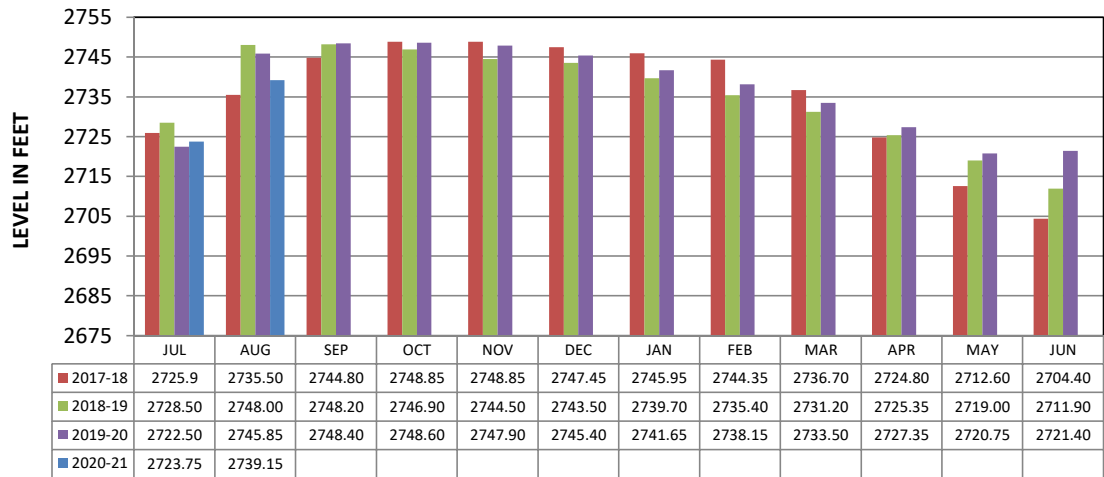
ABSTRACT OF SYSTEM DEMAND

Particulars	Energy MU	Average MW	Peak MW	DATE	TIME
Total gross generation(Including CPP+IPP)	2433.195	3270.423	3793.68	28	20.00
Power Station Auxiliary consumption	103.248	138.774			
Total net generation(Including CPP+IPP)	2329.947	3131.649	3778.90	28	20.00
Net ISGS	312.595	420.154	709.04	28	20.00
System Demand	2642.542	3551.804	4487.95	28	20.00
Trading					
Average of Peak Demand (MW)		3947.907			
Average of Minimum Demand (MW)		3198.843			

DAILY GENERATION SHARING DURING PEAK DEMAND DURING AUGUST- 2020

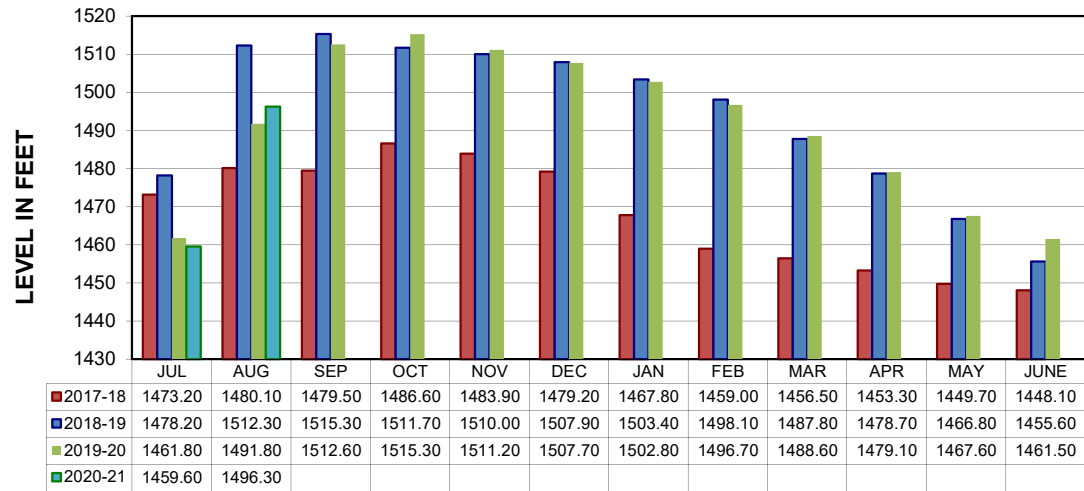


JOLAPUT RESERVOIR LEVEL



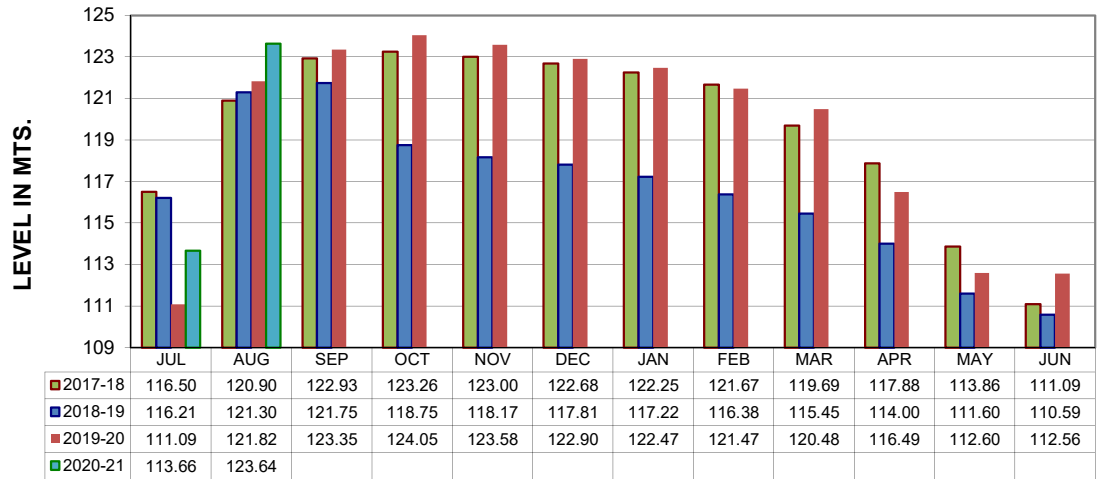
MONTH (End)

BALIMELA RESERVOIR LEVEL



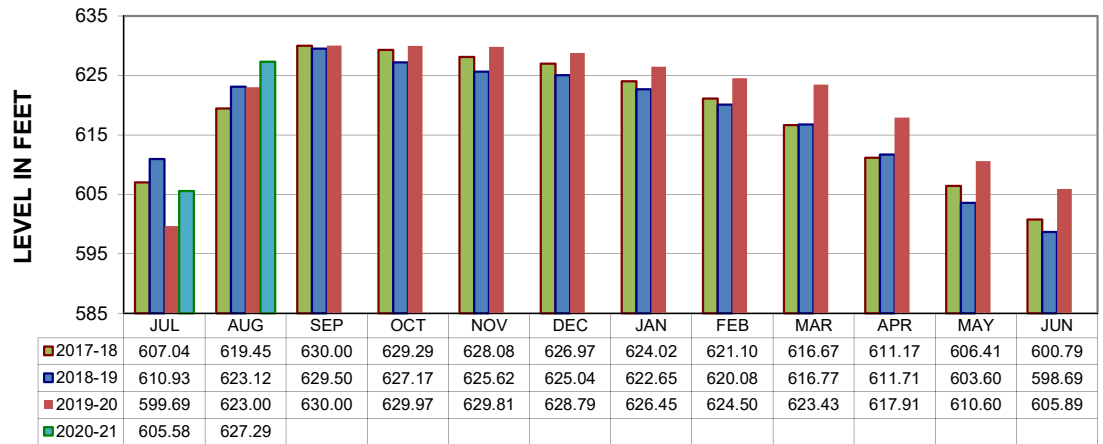
MONTH (End)

RENGALI RESERVOIR LEVEL



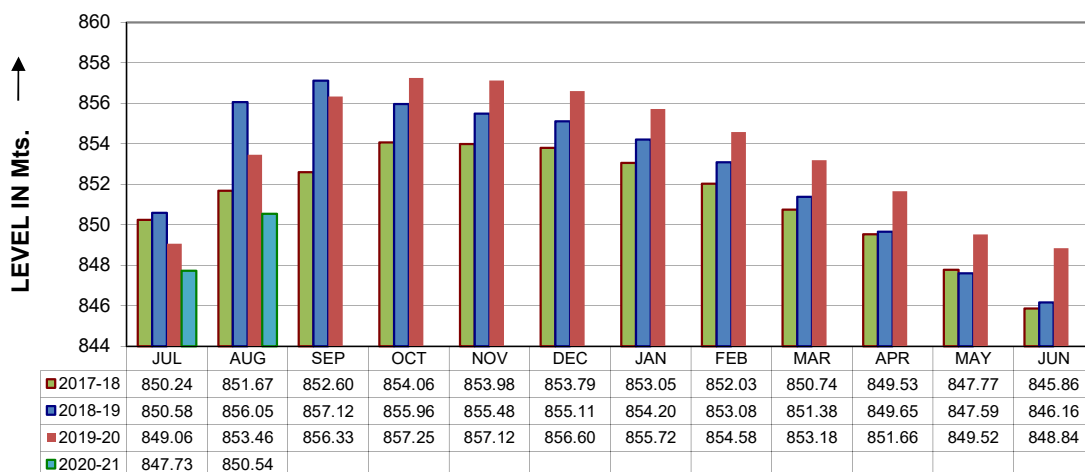
MONTH (End)

HIRAKUD RESERVOIR LEVEL



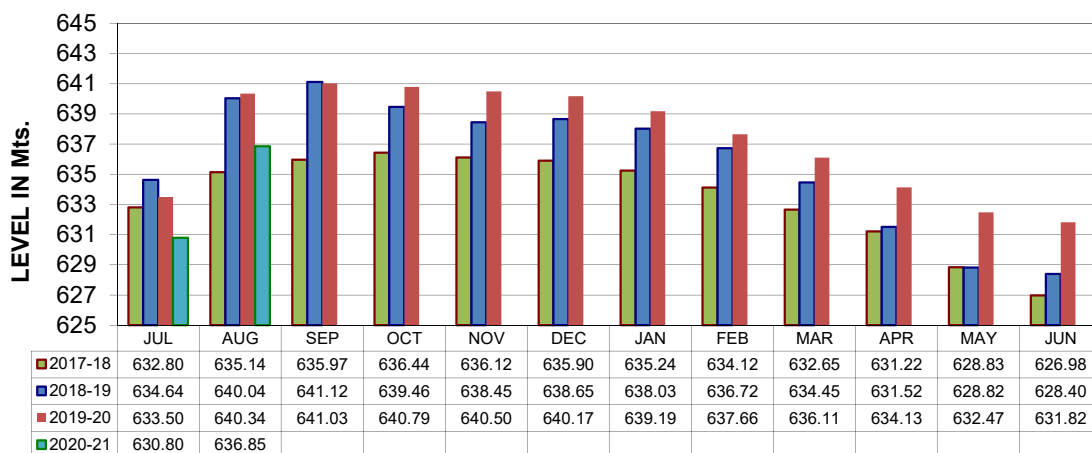
MONTH (End)

U.KOLAB RESERVOIR LEVEL



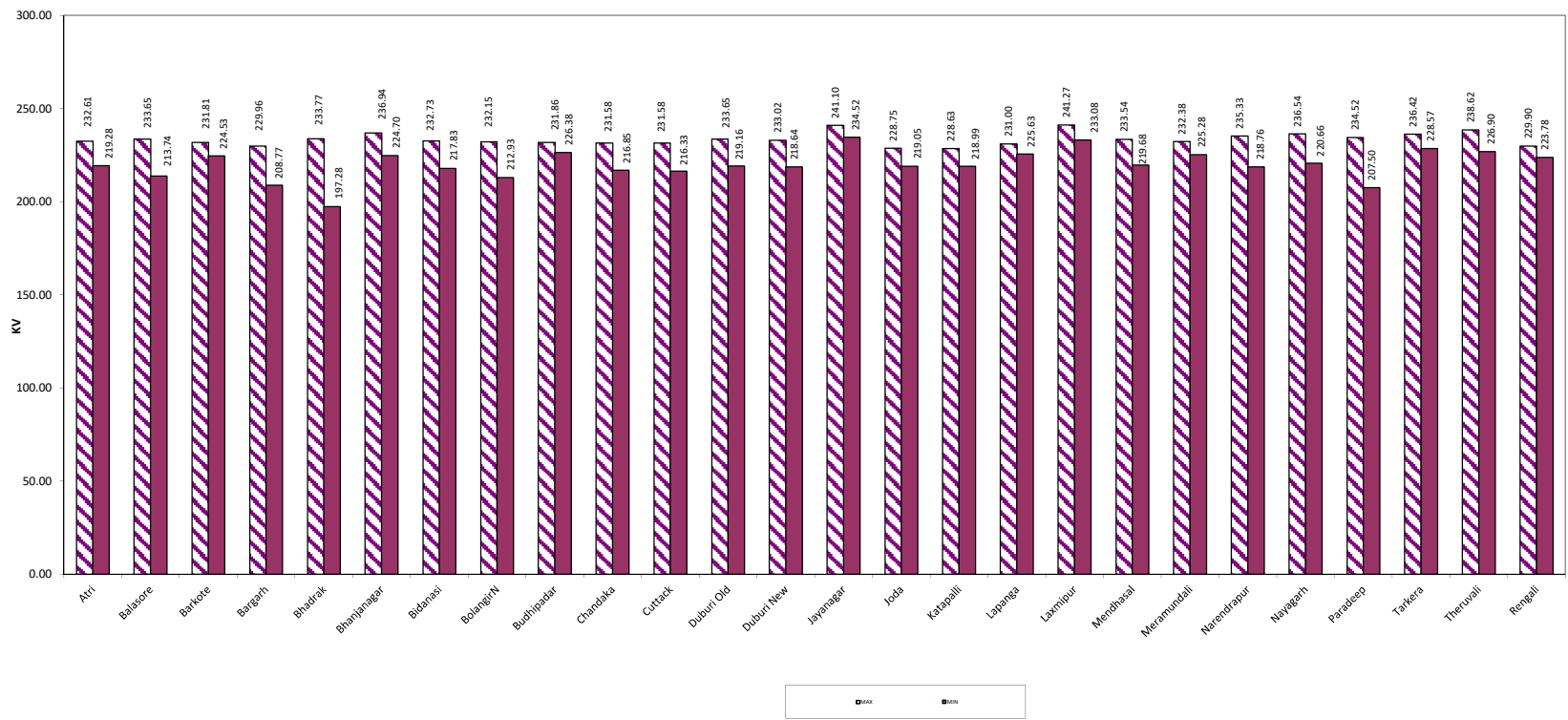
MONTH (End)

INDRAVATI RESERVOIR LEVEL



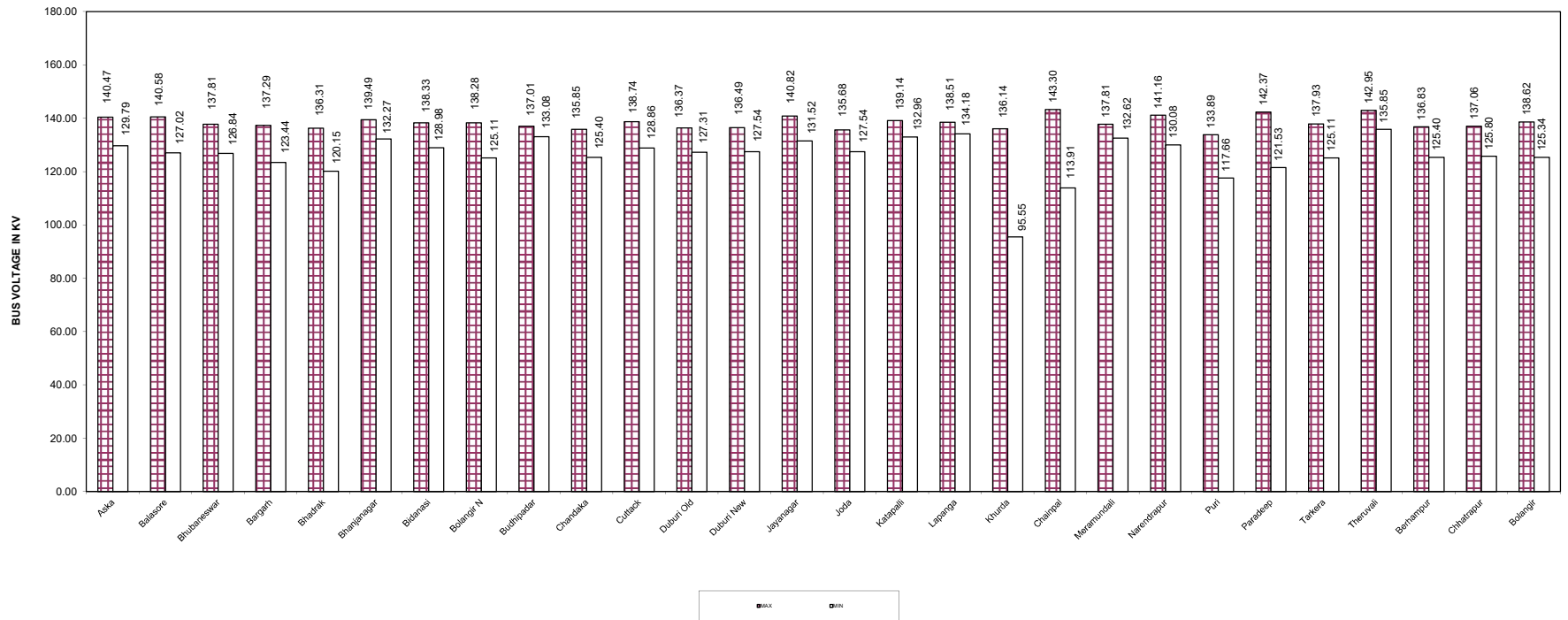
MONTH (End)

VOLTAGE PROFILE OF 220KV S/S FOR AUGUST 2020

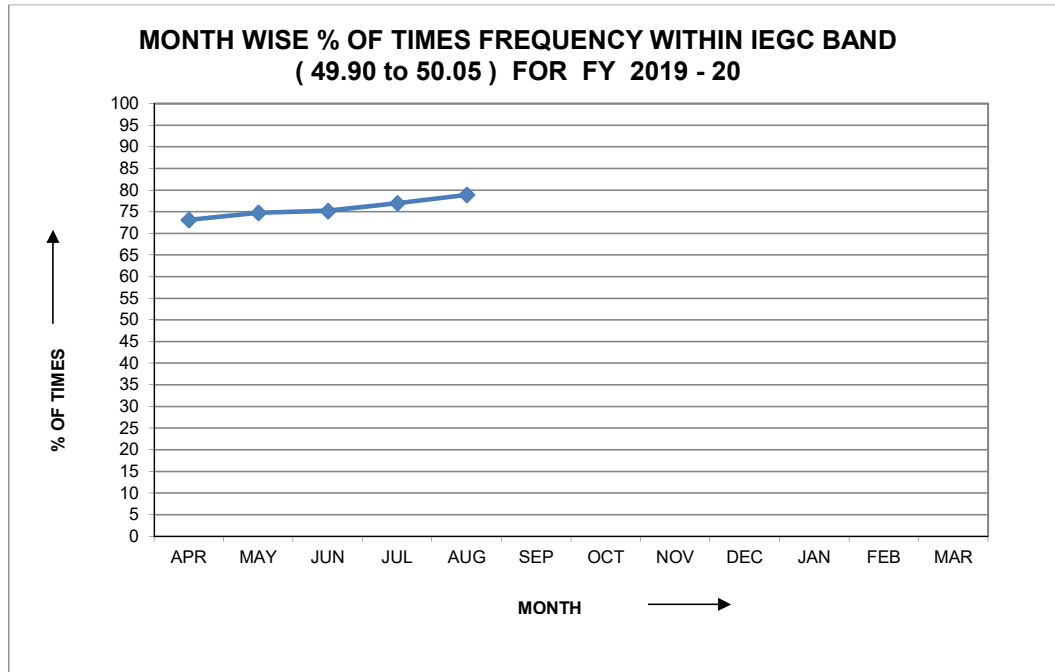


STATION	ATRI		BALASORE		BARKOTE		BARGARH(N)		BHADRAK		BHANUNAGAR		BIDANASI		BOLANGIR		BUDHIPADAR		CHANDAKA		CUTTACK		DUBURI		DUBURI (N)		JAYANAGAR		JODA		KATAPALI		LAPANGA		LAXMIPUR		MENDHASAL		MERAMUNDALI		NARENDRAPUR		NAYAGARH		PARADEEP		TARKERA		THERUVALI	
	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.				
MAXM.	15	05:30	26	06:00	15	16:45	27	05:45	26	06:00	26	16:00	26	06:00	27	05:45	28	06:00	26	05:45	26	06:00	26	06:00	26	06:00	15	11:30	27	05:45	27	05:45	27	05:45	20	06:45	15	05:30	15	14:00	16	17:00	26	16:15	26	16:15	27	06:00	5	06:45
MINM.	1	22:45	1	22:30	4	12:00	24	09:15	9	21:15	2	22:45	1	22:45	24	09:15	12	10:45	1	22:30	2	23:00	2	22:45	2	22:45	1	00:00	31	19:15	31	19:15	12	16:15	31	19:45	1	22:30	2	22:45	1	14:45	12	12:30	1	20:45	31	19:00	1	14:45

VOLTAGE PROFILE OF 132KV S/S FOR AUGUST- 2020



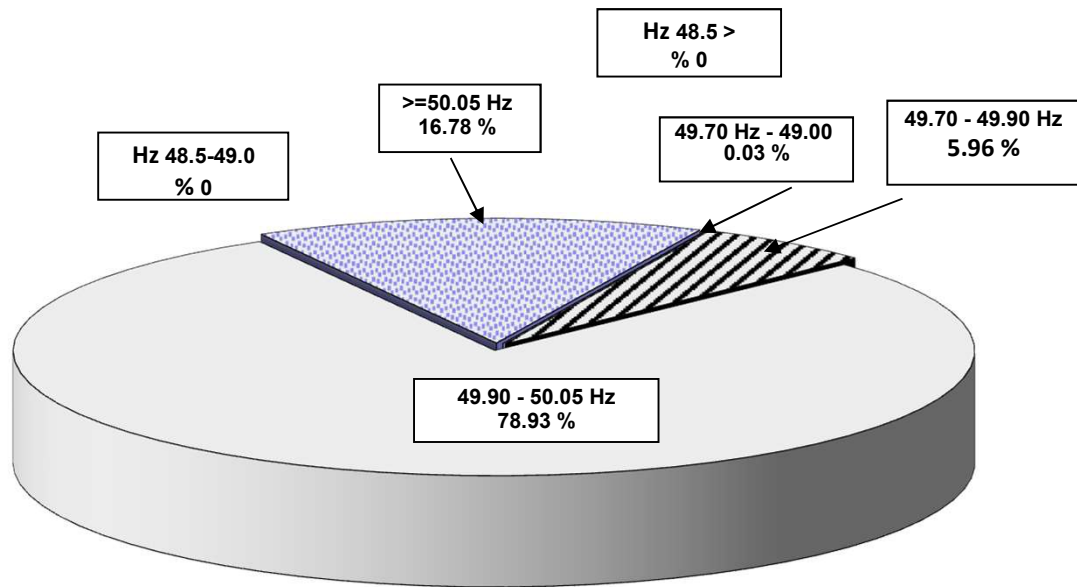
STN	CHATRAPUR		BALASORE		CHAINPAL		BARGARH (N)		BHADRAK		BHANUNAGAR		BIDANASI		BOLANGIR		BUDHIPADAR		CHANDAKA		CUTTACK		DUBURI		KHURDA		JAYANAGAR		JODA		KATAPALI		LAPANGA		MANCHESWAR		PURI		MERAMUNDALI		NARENDRAPUR		BERHAMPUR		PARADEEP		TARKERA		THERUVALI		Bhubaneswar	
	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.
MAX	26	13:45	26	06:00	23	17:45	20	02:15	26	06:00	15	13:45	15	04:30	20	04:45	27	06:00	23	17:15	23	17:45	26	06:00	26	06:00	26	03:45	20	14:00	27	05:30	27	05:00	15	05:30	26	05:45	20	6:00	8	16:00	26	05:45	4	17:15	27	05:45	5	06:45	8	16:00
MIN	1	14:45	1	22:30	1	22:45	1	16:15	12	14:15	2	22:45	2	23:00	24	09:15	12	16:30	2	22:45	2	22:45	2	22:45	2	22:45	24	09:15	31	20:30	12	16:30	12	16:15	14	16:15	25	16:00	1	22:30	1	14:45	1	22:45	10	22:00	24	09:15	1	14:45	1	14:45



**FREQUENCY WITHIN THE STANDARD BAND & ABOVE .
(FROM 2018-2019 TO 2020- 2021)**

YEAR	FREQUENCY	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	ANNUAL
2018- 2019	Average in Hz	49.98	49.91	49.94	49.98	49.97	49.97	49.95	49.95	49.98	49.98	49.99	50	49.97
	% of time (49.9 to 50.05 Hz)	78.33	69.25	71.44	72.04	72.12	75.23	74.06	79.04	76.66	69.48	67.21	70.28	72.93
	% of time (above 50.05 Hz)	11.30	12.17	20.13	21.02	22.54	16.97	18.17	12.49	11.54	20.23	26.87	21.39	17.90
2019- 2020	Average in Hz	50.01	50.00	50.00	50.01	50.00	50.01	50.01	50.02	50.02	50.00	50.00	50.01	50.01
	% of time (49.9 to 50.05 Hz)	68.12	73.28	69.873	67.57	71.69	74.71	75.24	67.77	64.3	73.28	71.28	69.24	70.53
	% of time (above 50.05 Hz)	25.37	17.85	20.03	25.39	20.92	20.64	21.79	28.63	30.07	20.62	22.17	25.39	23.24
2020- 2021	Average in Hz	50.01	50.01	50.01	50.00	50.00								50.01
	% of time (49.9 to 50.05 Hz)	73.16	74.78	75.22	77.02	78.93								75.82
	% of time (above 50.05 Hz)	22.06	21.33	20.64	16.78	15.08								19.18

MONTHLY FREQUENCY PROFILE FOR AUGUST 2020



FREQUENCY DISTRIBUTION FOR THE MONTH OF AUGUST - 2020 IN MINUTES (No of minutes during the month frequency remained)

Frequency/Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<48.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.5-49.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.00-49.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.7-49.9	55	88	56	62	127	193	251	156	102	44	49	60	57	78	44
49.9-50.05	1253	1113	1104	1079	1097	931	1124	1188	1171	1220	1214	1159	1174	1221	1220
>50.05	132	239	280	299	216	316	65	96	167	176	177	221	209	141	176
>=50.1Hz	9	50	39	31	36	82	6	3	18	13	20	17	22	14	13

Frequency/Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
<48.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.5-49.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.00-49.70	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	12	0
49.7-49.90	45	96	68	60	100	73	37	18	53	99	104	36	124	80	42	204	44
49.9-50.05	1180	1151	1016	1095	1111	1143	1032	1062	1137	1159	1208	1184	1206	1230	985	1068	587
>50.05	215	193	356	285	229	224	371	360	250	182	126	220	110	130	413	156	112
>=50.10Hz	10	30	37	28	24	39	80	84	13	10	4	23	9	5	114	12	15

ENERGY DRAWAL OF CESU CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF AUGUST'2020

Sl.No	Name of Sub Station	Name of Feeder	Installed Capacity	SMD	Average Drawal	MAX DEMAND			
						MW	Date	Time	
1	Angul	MCL Feeder-1&2	132 kV	28.573	21.951	32.480	31th Aug 2020	19:00	
		Angul	2x40+1x20=100	31.828	22.882	35.888	31th Aug 2020	22:15	
2	Angul PG	PGCIL Stn. Tertiary		0.170	0.189	0.170	1st Aug 2020	00:00	
	Arati Steel	Arati Steel	132 kV	0.088	0.236	9.013	2nd Aug 2020	18:45	
3	Argul	Argul	2x40+1x20=100	13.300	10.366	25.572	4th Aug 2020	10:30	
4	Badagada	Badagada	2x63=126	39.081	21.130	39.619	30th Aug 2020	23:00	
5	Balugaon	SOLARI Traction	132kV	0.080	1.969	7.200	8th Aug 2020	16:30	
		Balugaon	1x40+1x20+1x12.5=72	30.554	26.871	35.216	10th Aug 2020	19:15	
6	Banki	Banki	2x20=40	12.496	9.340	17.468	17th Aug 2020	21:30	
7	Bhubaneswar	Bhubaneswar	3x63=189	71.600	58.238	101.920	31th Aug 2020	14:45	
8	Bidanasi	Bidanasi	2x63+1x40=166	77.274	49.845	87.218	1st Aug 2020	23:00	
9	Boinda	Boinda Traction	132 kV	1.440	1.378	10.800	20th Aug 2020	20:15	
		Boinda	1x20+2x12.5=45	15.473	12.272	19.514	31th Aug 2020	19:00	
10	BPPL S/W	BPPL Fdr-I&II	132 kV	0.000	0.000	0.000	1st Aug 2020	00:00	
11	Chainpal	FCI Feeder	132 kV	0.480	0.408	0.600	13th Aug 2020	19:00	
		Talcher Rd. Trac.	132 kV	9.640	7.131	18.640	20th Aug 2020	02:15	
		Chainpal	2x40+1x20=100	48.572	35.800	61.336	1st Aug 2020	21:45	
12	Chandaka	Chandaka	3x63=189	84.071	63.451	102.219	31th Aug 2020	15:00	
13	Chandpur	Chandpur	2x12.5=25	12.707	10.325	14.907	1st Aug 2020	23:00	
14	Choudwar	Choudwar Traction	132 kV	7.680	5.531	17.640	18th Aug 2020	15:30	
		Choudwar	3x40=120	47.600	44.674	61.251	31th Aug 2020	11:00	
15	Cuttack	Cuttack	3x40=120	55.248	38.083	57.279	31th Aug 2020	23:00	
16	Dhenkanal	Joranda Trac.	132 kV	7.275	5.942	14.838	28th Aug 2020	09:15	
		Narveram CGP Fdr	33 kV	0.000	0.172	4.500	9th Aug 2020	15:15	
		Dhenkanal	3x40=120	41.045	32.839	50.621	2nd Aug 2020	19:30	
17	Grid Steel Alloy S/W	GSAL Feeder	132kV	18.640	1.407	19.360	31th Aug 2020	23:00	
18	Hind Metalics	MGM Feeder	132kV	0.000	0.000	0.020	19th Aug 2020	18:45	
		NBVL Fdr-1&2	132kV	0.000	0.016	3.613	10th Aug 2020	17:00	
		SGEL Feeder	132kV	0.000	0.064	1.894	3rd Aug 2020	00:00	
		Meramundali Trac.	132 kV	2.038	5.047	13.950	4th Aug 2020	12:45	
19	Infocity-II GIS	Infocity-II GIS (220/33)	2x40=80	5.440	6.964	17.840	12th Aug 2020	23:00	
20	Jagatsinghpur	Gorakhatn Trac.	132 kV	7.313	7.135	15.369	14th Aug 2020	04:00	
		Jagatsinghpur	1x40+2x20=80	40.395	28.509	43.242	1st Aug 2020	22:15	
21	Kalarangi	Kalarangi	1x20+2x12.5=45	11.300	9.520	14.915	31th Aug 2020	19:15	
22	Kamakhyanagar	Kamakhyanagar	1x20+2x12.5=45	17.648	14.443	20.920	31th Aug 2020	19:15	
23	Kendrapada	Kendrapada	2x40+1x12.5=92.5	31.720	25.094	38.680	1st Aug 2020	22:15	
24	Khajuriakata	Khajuriakata	2x40=80	7.860	5.212	8.624	12th Aug 2020	21:30	
25	Khuntuni GIS	Khuntuni GIS	2x40=80	3.120	2.674	6.360	7th Aug 2020	12:45	
26	Khurda	Kaipadar Trac.	132 kV	2.480	5.066	12.840	14th Aug 2020	16:00	
		Khurda	4x40=160	60.255	52.716	69.580	10th Aug 2020	22:00	
27	Konark	Konark	2x20=40	6.244	4.474	7.004	1st Aug 2020	21:45	
28	Mania	Mania	1x20+1x12.5=32.5	0.084	1.071	5.220	25th Aug 2020	11:15	
29	Marshaghai	Marshaghai	2x20=40	19.120	13.046	21.224	1st Aug 2020	22:00	
30	Mendhasal	Mendhasal(220/33)	2x20=40	1.560	1.496	2.252	2nd Aug 2020	22:00	
31	Meramundali	BSL-TATA Fdr-1&2	220 kV	20.280	18.238	70.120	26th Aug 2020	07:00	
		BRG Feeder	132kV	3.440	3.336	19.240	20th Aug 2020	15:15	
		JSPL Feeder-1&2	400 kV	191.188	88.285	368.750	28th Aug 2020	01:30	
		RUNGTA Feeder	132kV	0.200	0.130	0.280	5th Aug 2020	18:30	
32	Narsinghpur	Narsinghpur(220/33)	1x40=40	2.992	3.939	9.180	10th Aug 2020	12:45	
33	Navagarh	Navagarh (220/33)	2x40+1x20=100	56.163	39.965	60.513	31th Aug 2020	19:30	
34	Nimapara	Nimapara	3x40=120	50.088	37.677	53.681	1st Aug 2020	20:30	
35	Nuapatana	Nuapatana	1x40+1x20+1x12.5=72	30.611	25.455	35.977	2nd Aug 2020	19:15	
36	Olaver	Olaver	2x12.5=25	9.768	5.919	9.884	13th Aug 2020	21:45	
37	Pandiabil PG	PGCIL Stn. Tertiary		0.000	0.049	0.000	1st Aug 2020	00:00	
38	Paradeep	Essar Steel Fdr-1&2	220kV	0.000	0.271	8.025	11th Aug 2020	20:45	
		IFFCO Fder-1&2	132kV	0.040	2.088	8.960	5th Aug 2020	20:00	
		IOCL Feeder	220kV	0.175	0.344	0.613	8th Aug 2020	18:15	
		PPL Fder-1&2	132kV	10.680	8.158	13.160	3rd Aug 2020	10:45	
		PPT Fder-1&2	132kV	14.280	10.969	18.520	6th Aug 2020	19:30	
		Paradeep	3x20=60	15.076	16.118	24.137	2nd Aug 2020	19:15	
39	Pattamundai	Pattamundai	2x20+1x12.5=52.5	29.400	20.477	31.782	1st Aug 2020	22:15	
40	Phulnakhara	Phulnakhara	1x40+2x20=80	23.696	21.095	35.221	1st Aug 2020	22:30	
41	Puri	Puri	3x40=120	32.781	24.457	34.705	1st Aug 2020	22:45	
42	Ranasinghpur	Ranasinghpur	3x63=189	83.981	58.076	92.124	2nd Aug 2020	23:00	
43	Rengali PG	PGCIL Stn. Tertiary		0.039	0.043	0.039	1st Aug 2020	00:00	
44	Rengali S/W	Rengali S/W (220/33)	2x20=40	13.820	9.524	17.064	31th Aug 2020	20:00	
45	Salipur	OCL Feeder	132kV	8.353	5.615	9.303	20th Aug 2020	21:30	
		Salipur	3x20=60	31.929	22.891	33.670	31th Aug 2020	22:00	
46	Samangara	Samangara	2x20=40	10.736	7.998	16.196	8th Aug 2020	15:15	
47	Shamuka	Shamuka	2x31.5=63	17.080	13.616	22.120	4th Aug 2020	18:45	
48	Tirtol	Tirtol	2x40=80	11.960	8.341	12.720	31th Aug 2020	21:45	
49	TS Alloys S/W	RAWMET Feeder	132kV	21.669	22.001	24.050	20th Aug 2020	16:30	
50	Unit-8 GIS	Unit-8 GIS	1x40=40	15.000	11.780	24.160	13th Aug 2020	13:30	
		Balugaon	Khallikote Feeder	33kV	-12.540	-12.777	-18.348	15th Aug 2020	07:15
		Chandikhol	Badachana Feeder	33kV	12.540	11.862	18.288	20th Aug 2020	07:30
		Rairakhol	Bamur Feeder	33kV	2.668	2.252	4.052	31th Aug 2020	18:45
		Rengali	BUDHAPAL Feeder	33kV	-1.404	-0.783	-1.688	10th Aug 2020	19:30
		Barkote	Pallhara Feeder	33kV	2.550	1.716	7.200	2nd Aug 2020	20:45
		Chandaka	S.N. Mohanty(Solar)	11kV	0.000	0.097	0.613	29th Aug 2020	11:45
		Chandpur	MGM SOLAR	11kV	0.000	0.100	0.727	1st Aug 2020	13:30
		Chandpur	VIVACITY Solar	11kV	0.000	0.084	0.581	11th Aug 2020	11:45
		CESU TOTAL ENERGY (MU)		1,580.7259	831.1546	2,214.4288			

ENERGY DRAWAL OF WESCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF AUGUST'2020

Sl.No	Name of Sub Station	Name of Feeder	Installed Capacity MVA	SMD MW	Average Drawal MW	MAX DEMAND		
						MW	Date	Time
1	Aryan-Viraj S/W	Aryan Ispat Feeder	132 kV	0.000	0.424	2.056	1st Aug 2020	01:30
		Arvan-Viraj	132 kV	0.116	0.132	0.431	28th Aug 2020	11:45
2	Bamra	Bamra Traction	132 kV	7.400	5.299	15.120	6th Aug 2020	12:00
3	Barapalli	Dunguripali Tr.	132kV	0.160	2.663	11.280	29th Aug 2020	05:00
		Barapalli	1x40+1x20=60	40.512	23.739	43.264	12th Aug 2020	10:30
4	Bargarh	ACC Feeder-1&2	132kV	0.160	1.172	3.760	29th Aug 2020	20:30
		Bargarh	3x40=120	78.726	44.948	80.853	1st Aug 2020	17:15
5	Bargarh (New)	Bargarh (New)	1x12.5=12.5	0.052	0.048	0.080	15th Aug 2020	14:45
6	Barkote	Barkote (220/33)	2x40=80	10.825	9.553	20.073	2nd Aug 2020	20:45
7	Bhalulata	Bhalulata Traction	132 kV	1.480	3.842	16.160	20th Aug 2020	03:30
8	Bhawanipatna	Bhawanipatna	2x12.5=25	12.022	10.014	15.281	1st Aug 2020	19:30
9	Bolangir PG	415V side Tertiary		0.050	0.056	0.050	1st Aug 2020	00:00
10	Bolangir	Bolangir	3x40=120	54.490	35.493	63.775	1st Aug 2020	08:45
11	Bolangir (New)	Bolangir (New)	1x40+1x12.5=52.5	0.000	0.143	0.440	6th Aug 2020	20:30
12	Bonai	Bonai(220/33)	2x20=40	10.240	8.415	13.180	12th Aug 2020	20:30
13	Brajarajinagar	Brajarajinagar	1x40+3x20=100	27.791	25.457	48.681	2nd Aug 2020	11:00
14	Budhipadar	AAL Feeder-1&2	220 kV	0.040	0.589	13.240	25th Aug 2020	10:45
		Basundhara Fder	220 kV	1.938	2.099	3.281	30th Aug 2020	18:30
		BPSL Fder-1&2	220 kV	91.719	23.129	96.781	23th Aug 2020	09:30
		MCL Fder-1&2	132 kV	13.734	15.870	22.531	29th Aug 2020	19:30
		MSP Feeder	132 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		SPS(CONCAST) Fdr	220 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Budhipadar	1x20+1x12.5=32.5	6.147	6.348	14.203	8th Aug 2020	11:45
		Vedanta Ltd	220 kV	0.000	1.377	50.760	12th Aug 2020	16:30
15	Burla P.H.	Island & Incomer	11 kV	0.014	0.000	0.061	16th Aug 2020	05:30
16	Chandiposh	Chandiposh Trac	220 kV	7.040	4.546	17.120	9th Aug 2020	13:45
17	Chend	Adhunik Metallic Fdr.	132 kV	0.000	0.273	0.900	28th Aug 2020	15:45
		Nuagaon Trac.	132 kV	1.480	1.557	9.040	26th Aug 2020	16:00
		Sri Ganesh Metallics	132 kV	2.363	2.279	4.338	26th Aug 2020	06:45
		Chend	3x40=120	59.144	49.863	75.888	1st Aug 2020	07:30
18	Chipilima P.H.	Chipilima P.H.	1x20+1x12.5=32.5	22.763	15.493	24.805	2nd Aug 2020	16:45
19	Ghens	Ghens	1x40=40	41.720	20.658	41.960	13th Aug 2020	16:30
20	Javapatna	Megalift Feeder-I &II	132 kV	1.400	0.707	4.920	8th Aug 2020	09:30
21	Jharsuguda	Jharsuguda Trac.	132 kV	12.119	2.195	21.050	3rd Aug 2020	15:15
		Jharsuguda	2x40=80	19.400	16.867	23.600	4th Aug 2020	18:45
		Ultratech Feeder	132kV	11.264	6.228	12.676	1st Aug 2020	04:30
22	Junagarah	Junagarah	3x20=60	23.884	21.194	32.884	3rd Aug 2020	21:30
23	Kalunga	Kalunga	2x40=80	44.520	38.705	50.080	4th Aug 2020	15:45
		Mahavir Ferro CGP	33 kV	0.000	0.000	0.000	1st Aug 2020	00:00
24	Kantabanji	Kantabanji Trac.	132 kV	0.960	1.700	9.440	30th Aug 2020	07:45
		Kantabanji	2x40=80	10.800	7.397	10.960	1st Aug 2020	16:30
	Katapali	HINDALCO Fdr-1&2	220 kV	0.560	2.219	22.640	28th Aug 2020	08:00
		Katapali	1x40+2x20=80	38.472	27.438	42.419	9th Aug 2020	19:15
26	Kesinga	POWMEX Fdr	132 kV	0.094	0.623	3.566	14th Aug 2020	12:45
		Kesinga Traction	132 kV	1.880	2.479	11.440	30th Aug 2020	14:15
		Kesinga	1x40+2x20=80	43.047	30.711	46.438	18th Aug 2020	19:00
27	Khariar	Khariar	2x40=80	22.520	25.000	35.080	6th Aug 2020	19:45
28	Kuchinda	Kuchinda	2x20=40	16.753	10.466	19.544	1st Aug 2020	19:30
29	Lapanga	Rengali Traction	132KV	4.120	4.493	17.360	6th Aug 2020	10:45
		Lapanga	1x20=20	7.712	6.532	9.860	1st Aug 2020	19:30
30	Nuapada	Nuapada Trac.	132 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Nuapada	2x20=40	8.984	9.205	14.580	2nd Aug 2020	22:45
31	OPGC S/W Stn.	BGR Energy Ltd. Fdr	33 kV	0.024	0.027	0.024	1st Aug 2020	00:00
32	Padampur	Padampur	1x40+2x20=80	28.116	19.452	31.708	1st Aug 2020	09:15
33	Patnagarh	Patnagarh	1x40+2x20=80	24.106	17.206	28.655	4th Aug 2020	17:15
34	Rairakhol	Rairakhol Trac.	132kV	0.680	1.519	10.120	20th Aug 2020	19:45
		Rairakhol	3x12.5=37.5	7.560	6.110	10.932	31th Aug 2020	19:15
35	Rajgangpur	OCL Feeder	132kV	0.080	0.308	10.280	2nd Aug 2020	03:15
		OISL Feeder	132kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Rajgangpur Trac-1&2	132 kV	4.560	3.749	7.360	31th Aug 2020	12:45
		Rajgangpur	3x40=120	59.400	48.573	69.400	4th Aug 2020	12:45
36	Rourkela PG	PG Tertiary		0.014	0.015	0.014	1st Aug 2020	00:00
37	Rourkela	Rourkela Trac Tfr	1x12.5=12.5	5.160	0.342	9.680	1st Aug 2020	07:00
		Rourkela	1x40+3x35=145	46.880	40.908	52.800	12th Aug 2020	20:00
38	Saintala	ORDNANCE Feeder	132 kV	1.920	1.461	3.920	1st Aug 2020	10:00
39	Sambalpur	Sambalpur	1x40+2x31.5=103	53.516	48.221	71.030	1st Aug 2020	20:15
		Shvam DRI Feeder	132 kV	3.594	9.937	26.100	16th Aug 2020	15:15
40	SMC S/W	SMC Power	132kV	11.869	7.921	16.281	6th Aug 2020	07:15
41	Sonepur	Sonepur	2x40+1x20=100	37.309	29.976	54.971	2nd Aug 2020	19:15
42	Sundargarah PG	PG TERTIARY	33 kV	0.000	0.000	0.000	1st Aug 2020	00:00
43	Sundargarah	Sundargarah	1x40+2x20=80	22.411	20.537	34.163	12th Aug 2020	19:45
44	Tarkera	RSP Feeder-1&2	220 kV	98.594	90.553	149.313	13th Aug 2020	11:15
		RSP Feeder-3&4	220 kV	0.000	0.012	0.800	9th Aug 2020	18:15
45	Tusura	Tusura	1x40+1x20=60	17.096	12.315	25.788	3rd Aug 2020	09:45
46	VAL Laniigarh	Vedanta Al. fder-1&2	132 kV	0.000	0.057	3.394	27th Aug 2020	09:15
47	Vedanda S/W	Vedanta SEZ	400 kV	321.837	66.742	389.112	28th Aug 2020	00:45

	Barkote	Pallhara Feeder	33kV	0.000	-1.691	-7.200	2nd Aug 2020	20:45
	Joda	Joda-Tensa Feeder	33 kV	4.012	5.307	8.908	7th Aug 2020	19:45
	Rairakhol	Bamur Feeder	33 kV	-2.912	-2.227	-4.052	31th Aug 2020	18:45
	Rengali	BUDHAPAL Feeder	33kV	1.188	0.767	1.688	10th Aug 2020	19:30
	Sonepur	Manamunda Feeder	33 kV	-5.484	-7.318	-14.216	1st Aug 2020	19:30
	Tentulikhunti	Mukhiguda Fdr	33KV	2.456	1.348	2.704	8th Aug 2020	10:45
	ACME SOLAR	ACME SOLAR	132 kV	0.000	0.031	0.100	1st Aug 2020	18:15
	Bamra	Joy Iron Steel (Solar)	11 kV	0.054	0.052	0.380	10th Aug 2020	12:45
	Barkote	Molisati Solar	11 kV	0.111	0.053	0.444	7th Aug 2020	12:15
	Kesinga	SADIPALI Solar	33kV	0.720	2.902	20.920	29th Aug 2020	11:45
	Kesinga	Vento Power Solar -1	132 kV	0.000	0.046	0.160	19th Aug 2020	18:00
	Kesinga	Vento Power Solar -2	132 kV	0.000	0.037	0.080	1st Aug 2020	02:45
	Bonei	Mahavir Solar	33 kV	0.212	0.069	0.746	7th Aug 2020	12:30
	Padampur	Dakshin UPL solar	132kV	0.000	0.044	0.120	1st Aug 2020	02:00
	Patnagarh	ALEX Solar Pvt. Ltd.	33 kV	0.000	0.002	1.184	31th Aug 2020	13:30
	Patnagarh	JYOTI Solar	33 kV	3.684	1.307	9.560	13th Aug 2020	12:00
	Bolangir (New)	REHPL(Solar)	11kV	0.172	0.093	0.768	20th Aug 2020	11:15
	Saintala	BEL-OFBL Solar	132kV	0.000	0.015	0.044	20th Aug 2020	04:00
	Sonepur	GEDCOL Solar	33 kV	3.916	2.077	13.932	21th Aug 2020	12:15
	Sonepur	ABACUS Holdings	11 kV	0.275	0.106	0.913	8th Aug 2020	10:45
	Tusura	Vento Power Solar-I	132 kV	0.000	0.039	0.120	2nd Aug 2020	21:00
	Tusura	Vento Power Solar-II	132 kV	0.000	0.030	0.080	1st Aug 2020	00:15
		WESCO TOTAL ENERGY (MU)		1,513.7422	958.6679	1,541.6315		

ENERGY DRAWAL OF NESCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF AUGUST'2020

Sl.No	Name of Sub Station	Name of Feeder	Installed Capacity MVA	SMD MW	Average Drawal MW	MAX DEMAND		Time
						MW	Date	
1	Agarpada	Agarpada	1x40=40	1.880	1.567	2.520	30th Aug 2020	23:15
2	Anandpur	Anandpur	1x20+2x12.5=45	21.554	14.515	22.198	31st Aug 2020	19:00
3	Arya Ispat S/w	ARYA Steel Fdr	132kV	6.520	6.048	8.560	31st Aug 2020	20:30
		BRPL Feeder	132kV	13.650	12.933	10.840	11th Aug 2020	19:45
		IMTCPL Fder	132kV	0.000	0.000	0.000	1st Aug 2020	00:00
4	Balasore	BIRLA Tyre Fder	132kV	0.504	0.467	1.944	19th Aug 2020	11:45
		ISPAT Feeder	132kV	1.200	0.013	2.280	31st Aug 2020	23:45
		Balasore Traction	132kV	4.320	4.115	16.720	14th Aug 2020	13:00
		Balasore	2x63+1x40=166	82.854	62.343	87.779	31st Aug 2020	20:00
5	Bangiriposi	Bangiriposi	2x12.5=25	13.548	9.356	13.964	2nd Aug 2020	20:00
6	Barbil	Barbil	2x12.5=25	11.250	8.451	12.438	19th Aug 2020	20:00
7	Baripada PG	Baripada PG Stn.		0.000	0.000	0.000	1st Aug 2020	00:00
8	Baripada	Baripada	3x40=120	41.453	26.984	42.628	31st Aug 2020	21:45
9	Basta	Basta	2x20+1x12.5=52.5	26.287	17.171	30.000	2nd Aug 2020	13:45
10	BC Mohanty S/w	Bamniral(New) Fdr	132kV	17.880	16.572	21.480	1st Aug 2020	23:45
		BC Mohantv fdr	132 kV	4.152	4.199	4.636	24th Aug 2020	02:45
		TOMKA Traction	132kV	2.000	3.107	13.480	1st Aug 2020	05:15
11	Betanati	Betanati	1x20=20	12.320	8.452	12.904	2nd Aug 2020	10:30
12	Bhadrak	Dhamra Port (Trac.)	132 kV	3.319	2.799	7.013	4th Aug 2020	13:15
		Dhamra Port Fder	132 kV	3.856	6.901	12.106	10th Aug 2020	21:15
		FACOR Feeder	132kV	0.000	0.026	9.280	12th Aug 2020	17:30
		FACOR Power	132kV	0.000	0.026	3.040	5th Aug 2020	18:00
		Bhadrak Traction	132 kV	6.160	4.728	13.200	4th Aug 2020	12:00
		Bhadrak	2x63+1x40=166	83.360	53.985	85.680	31st Aug 2020	21:45
13	Bhograi	Bhograi	2x40=80	16.960	10.214	17.480	31st Aug 2020	20:45
14	Bolani	Bolani(132/11)	2x10=20	2.192	2.294	4.488	17th Aug 2020	10:30
15	BRPL S/w	BRPL Feeder	132kV	13.650	12.933	17.194	6th Aug 2020	09:15
		Mesco Feeder	132kV	0.000	0.001	0.019	5th Aug 2020	11:45
16	Chandabali GIS	Chandabali GIS	1x40=40	10.940	6.951	11.308	2nd Aug 2020	22:00
17	Chandikhol	Chandikhol	3x20=60	37.608	22.630	40.536	31st Aug 2020	20:15
18	Dhenkikote	Dhenkikote	1x20=20	5.184	2.980	5.252	31st Aug 2020	20:30
19	Duburi	Jakhapura Traction	132 kV	9.200	7.729	16.800	18th Aug 2020	16:45
		JFAL Feeder	132 kV	9.200	1.053	14.000	28th Aug 2020	07:45
		Mishrilal Feeder	132 kV	6.238	6.428	7.213	26th Aug 2020	11:45
		NINL Feeder	220 kV	1.363	1.390	1.688	3rd Aug 2020	13:15
		Duburi(220/33)	2x40=80	21.713	15.637	23.996	8th Aug 2020	19:30
20	Duburi-New	Emami Feeder	220 kV	0.720	2.013	10.920	28th Aug 2020	00:45
		Jindal Stainless-1&2	220 kV	15.000	13.366	86.120	8th Aug 2020	23:45
		Maithan Feeder	220 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Rohit Ferrotech	220 kV	18.920	19.309	29.640	4th Aug 2020	00:00
		TATA Steel Fdr-1&2	220 kV	7.160	6.576	137.080	14th Aug 2020	15:45
		VISA Steel	220 kV	0.000	0.089	5.640	31st Aug 2020	19:15
		Jaganath Steel Fdr	132kV	0.600	0.278	8.400	24th Aug 2020	16:00
21	Jaipur Road	Jaipur Road	3x40=120	46.640	31.651	48.160	31st Aug 2020	19:00
		Yazdani CGP Feeder	33 kV	0.000	0.204	1.000	3rd Aug 2020	23:15
22	Jaipur Town	Jaipur Town	2x40+1x20=100	37.318	33.690	49.752	1st Aug 2020	22:45
23	Jaleswar	Jaleswar Trac.	132 kV	4.640	3.815	11.520	14th Aug 2020	13:30
24	Joda	Jaleswar	2x31.5+1x12.5=75.5	20.100	17.055	35.856	1st Aug 2020	21:15
		Bansapani Trac.	132 kV	6.525	6.680	16.319	30th Aug 2020	12:00
		FAP Feeder	132kV	14.566	15.003	15.853	24th Aug 2020	05:00
		JSPL Trf-	2x50+1x20=120	55.015	50.400	56.920	19th Aug 2020	02:15
		TATA STEEL	220kV	7.160	6.576	9.000	19th Aug 2020	19:00
		TATA Steel Long	220 kV	0.000	0.000	0.080	25th Aug 2020	19:00
		Joda	1x40+3x20=100	17.896	13.783	21.318	7th Aug 2020	19:30
		Sarada Ind (220/33)	1x15=15	8.080	5.283	8.960	14th Aug 2020	00:30
25	JSW Cement S/W	JSW Cement Fdr	132kV	0.920	1.514	5.720	26th Aug 2020	17:00
26	Karanjia	Karanjia	1x20+2x12.5=45	19.263	11.842	19.838	31st Aug 2020	20:30
27	Keonjhar GIS	Keonjhar GIS	2x20=40	11.668	6.097	19.676	10th Aug 2020	20:00
28	Keonjhar PG	PGCIL Stn. Tertiary		0.000	0.000	0.000	1st Aug 2020	00:00
29	Nalda	Nalda Traction	132 kV	2.160	2.390	9.200	22th Aug 2020	17:30
30	Polasponga	ESIL Feeder	132 kV	13.006	9.274	20.081	9th Aug 2020	17:30
		MSP Feeder	132 kV	6.624	9.323	13.976	13th Aug 2020	04:30
		OSISL CGP Feeder	33 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Patnaik Steel CGP	33 kV	0.000	0.000	0.000	1st Aug 2020	00:00
		Palasponga Trac.	132 kV	10.306	6.337	19.581	14th Aug 2020	19:15
		Polasponga	1x40+2x20=80	26.732	17.676	29.264	31st Aug 2020	18:45
31	Rairangpur	Rairangpur	2x20+1x12.5=52.5	21.756	15.291	24.216	1st Aug 2020	20:00
32	Somnathpur	IMAMI Feeder	132 kV	0.019	0.561	3.141	26th Aug 2020	11:15
		Stork Feeder	132 kV	6.216	8.422	10.281	22th Aug 2020	07:00
		Somnathpur	2x12.5=25	3.968	2.887	4.432	31st Aug 2020	10:45
33	Soro	Soro	1x40+2x20=80	56.699	38.227	57.090	31st Aug 2020	21:30
34	Udala	Udala	1x40=40	17.480	10.648	17.600	31st Aug 2020	20:30
	Chandikhol	Badachana Fder	33kV	-17.480	-10.843	-17.600	31st Aug 2020	20:30
	Joda	Joda-Tensa Fdr	33 kV	-6.396	-5.293	-8.908	7th Aug 2020	19:45
	Haridaspur	RAMCO Feeder 132kV	132 kV	0.592	0.322	3.535	31st Aug 2020	17:30
		NESCO TOTAL ENERGY (MU)		926.1850	507.9193	1378.3207		

ENERGY DRAWAL OF SOUTHCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF AUGUST'2020

Sl.No	Name of Sub Station	Name of Feeder	Installed Capacity MVA	SMD MW	Average Drawal MW	MAX DEMAND		Time
						MW	Date	
1	Akhusingi	Akhusingi	2x12.5=25	13.334	9.730	13.425	31th Aug 2020	19:00
2	Aska	Aska	4x40=160	48.840	41.303	60.880	6th Aug 2020	17:00
		Aska New(220V/33)	1x40=40	9.960	7.930	11.200	4th Aug 2020	18:45
3	Balimela	Balimela (220/33)	1x40+1x20=60	12.620	8.345	13.224	30th Aug 2020	19:30
4	Berhampur	Berhampur	2x40+1x20=100	44.541	40.004	56.334	1st Aug 2020	22:45
5	Bhanjanagar	Bhanjanagar	2x40+1x16=96	31.366	24.123	33.056	28th Aug 2020	19:00
6	Boudh	Boudh	2x20=40	9.224	4.547	10.572	2nd Aug 2020	22:00
7	Chatrapur	IRE Feeder-1&2	132kV	7.941	6.391	8.709	29th Aug 2020	16:15
		Rambha Traction	132 kV	2.720	2.656	9.280	16th Aug 2020	23:30
		Chatrapur	3x20=60	20.296	16.492	26.064	8th Aug 2020	08:15
8	Chikiti	Chikiti	1x40=40	9.640	8.105	11.320	18th Aug 2020	21:30
9	Dabugaon	Dabugaon	2x12.5=25	9.956	7.568	14.784	28th Aug 2020	20:00
10	Digapahandi	Digapahandi	2x20+1x12.5=52.5	22.903	20.572	35.103	3rd Aug 2020	05:15
11	Ganjam	GRASIM Ind. Ltd.	132kV	17.775	17.081	18.738	10th Aug 2020	10:30
		Ganjam	2x12.5=25	6.936	5.478	17.028	14th Aug 2020	06:45
12	Jaypur PG	Jaypur PG Ter.	28KV	0.000	0.000	0.000	1st Aug 2020	00:00
13	Jayanagar	Jaypur Trac.	132 kV	13.080	6.077	27.280	8th Aug 2020	18:45
		Jayanagar	2x20+1x12.5=52.5	27.966	19.286	28.477	7th Aug 2020	19:30
14	Laxmipur	Laxmipur	1x20=20	8.028	5.089	9.536	5th Aug 2020	08:30
		Utkal Alumina Fdr-I&II	220kV	0.120	0.152	1.000	26th Aug 2020	07:00
15	Malkangiri	Malkangiri (220/33)	2x40=80	14.320	8.684	15.680	30th Aug 2020	19:15
16	Meenakshi s/w	Megalift Feeder	33kV	0.000	0.000	0.092	1st Aug 2020	10:45
17	Mohana	Mohana	2x12.5=25	6.636	4.386	6.928	21th Aug 2020	18:45
18	Muniguda	Bissam-Cuttack Tr	132 kV	1.880	2.814	15.720	24th Aug 2020	06:00
19	Narendrapur	TATA Feeder-I&II	220 KV					
		Narendrapur Trac	132 kV	3.960	2.889	10.040	4th Aug 2020	10:30
		Narendrapur	3x40+1x20=140	30.268	25.215	37.860	1st Aug 2020	22:45
20	Paralakhemendi	Paralakhemendi	3x12.5=37.5	15.980	11.982	19.428	30th Aug 2020	21:00
21	Phulbani	Phulbani	2x40+1x12.5=92.5	26.096	16.417	27.024	1st Aug 2020	20:15
22	Podagada	Podagada	1x12.5=12.5	1.944	1.248	2.668	18th Aug 2020	07:45
23	Potangi	Potangi	1x40=40	1.148	1.494	4.896	7th Aug 2020	19:45
24	Purushottampur	Purushottampur	1x20+2x12.5=45	14.267	12.650	20.591	27th Aug 2020	16:15
25	Rayagada	Rayagada Trac.	132 kV	5.808	4.488	6.544	31th Aug 2020	22:15
		Rayagada	2x12.5=25	13.444	10.421	15.124	31th Aug 2020	22:30
26	Sunabeda	HAL Feeder	132kV	9.556	5.976	11.440	4th Aug 2020	08:45
		Sunabeda	1x20+2x12.5=45	21.968	15.165	25.160	19th Aug 2020	08:00
27	Tentulikhunti	Tentulikhunti	3x20=60	12.442	9.927	17.867	7th Aug 2020	18:30
28	Therubali	JK Feeder	132kV	0.000	0.001	0.608	12th Aug 2020	17:45
		Therubali	2x12.5=25	12.548	8.994	13.124	30th Aug 2020	19:00
29	Umerkote	Umerkote	2x20=40	18.136	13.095	20.024	7th Aug 2020	20:15
	Balugaon	Khallikote Feeder	33kV	16.036	12.777	18.348	15th Aug 2020	07:15
	Sonepur	Manamunda Feeder	33kV	9.392	7.289	14.216	1st Aug 2020	19:30
	Tentulikhunti	Mukhiguda Fdr	33KV	-2.240	-1.372	-2.704	8th Aug 2020	10:45
	Tentulikhunti	Vento Energy Solar	132 kV	0.040	0.039	0.120	13th Aug 2020	05:00
30	Boudh	Aditya Birla Solar-I	33kV	0.000	0.000	24.874	18th Jul 2020	12:15
		SOUTHCO TOTAL ENERGY (MU)		550.8736	306.3659	731.6825		

AUTO TRANSFORMER LOADING FOR THE MONTH OF AUGUST'2020

Name of the 220 kV Sub-Station (Feeding Sub-stations/Feeders)	Capacity MVA	Drawal details						REMARKS
		Maximum			Minimum			
		MW	Day	Time	MW	Day	Time	
ATRI { Banki, Khurda, Chandpur & Argul }	2x160	76.04	29th Aug 2020	12:30	26.36	23rd Aug 2020	17:30	
ASKA NEW	2x160	76.00	29th Aug 2020	12:30	17.88	21st Aug 2020	09:45	
		68.44	3rd Aug 2020	06:15	12.12	23rd Aug 2020	15:00	
		67.92	3rd Aug 2020	06:15	12.04	23rd Aug 2020	15:00	
BALASORE 220/132 KV { Balasore, Birla Tyre(I), Ispat Alloy(I), Jaleswar, Jaleswar(T) }	3x160	72.96	31st Aug 2020	00:00	19.28	3rd Aug 2020	17:15	
		73.12	31st Aug 2020	00:00	19.12	3rd Aug 2020	17:15	
		72.04	31st Aug 2020	00:00	19.24	3rd Aug 2020	16:15	
BARGARH 220/132 KV	1x100	27.28	13th Aug 2020	16:30	0.40	5th Aug 2020	11:15	
	1x160	15.72	13th Aug 2020	16:30	0.04	27th Aug 2020	13:15	
	1x100	45.00	6th Aug 2020	19:15	4.88	27th Aug 2020	17:45	
BHADRAK 220/132 KV {Bargarh, Ghensh }	1x160	85.08	13th Aug 2020	14:30	6.16	7th Aug 2020	17:45	
	1x160	84.88	13th Aug 2020	14:30	11.56	24th Aug 2020	22:30	
	1x160	36.96	1st Aug 2020	14:45	6.36	16th Aug 2020	22:45	
BHANJANAGAR 220/132 KV { Bhanjanagar, Aska, Phulbani, Ganjam, Chatrapur }	1x160	50.60	27th Aug 2020	19:00	5.24	16th Aug 2020	22:45	
	1x100	25.68	17th Aug 2020	10:00	0.04	7th Aug 2020	04:30	
BIDANASI 220/132 KV {Bidanasi, Khurda }	1x100	17.60	17th Aug 2020	10:00	0.04	19th Aug 2020	16:45	
	1x160	29.56	3rd Aug 2020	15:15	0.04	4th Aug 2020	16:45	
	2x160	99.08	2nd Aug 2020	19:15	7.24	30th Aug 2020	13:00	
BOLANGIR (SADAIPALLI) 220/132 KV { Bolangir, Patnagarh, Sonepur, Saintala, Khariar, Barpalli }	2x160	99.08	2nd Aug 2020	19:15	7.24	30th Aug 2020	13:00	
		104.60	2nd Aug 2020	19:15	7.68	30th Aug 2020	13:00	
		87.32	12th Aug 2020	11:30	14.72	2nd Aug 2020	02:15	
BUDHIPADAR 220/132 KV { Jharsuguda, Jharsuguda Tr, Cemco(I), MCL, Sundergarh, Brajarajnagar, Rajgangpur }	2x160	86.84	12th Aug 2020	11:30	0.04	28th Aug 2020	05:15	
		63.12	1st Aug 2020	22:45	17.40	23rd Aug 2020	17:15	
		109.56	1st Aug 2020	22:45	30.60	23rd Aug 2020	17:15	
CHANDAKA 220/132 KV { Chandaka, Bhubaneswar, Nimapada, Ransinghpur, Puri, Kesura, Kaipadar Tr. }	1x100	68.52	1st Aug 2020	22:45	18.88	23rd Aug 2020	17:15	
	1x160	105.84	1st Aug 2020	22:45	17.48	10th Aug 2020	13:30	
	1x160	65.68	22nd Aug 2020	10:45	13.04	23rd Aug 2020	18:00	
CUTTACK	1x100	58.56	26th Aug 2020	11:45	7.92	23rd Aug 2020	17:45	
	1x160	59.48	2nd Aug 2020	20:00	0.08	18th Aug 2020	15:15	
	1x100	UNDER SHUT DOWN						
DUBURI 220/132 KV {Duburi, Bamnipal(I), BRPL, MESCO, Jajpur Road, Kalarangi, Jajpur Town }	1x100	35.88	2nd Aug 2020	20:00	0.04	4th Aug 2020	15:00	
	1x160							
	1x100							
GODA								
JAYAPATNA 220/132 KV.								
JAYANAGAR 220/132 KV. {Damanjodi(NALCO), Traction S/S, Tentulikhunti, Sunabeda, Jayanagar }	1x160	43.92	8th Aug 2020	19:30	0.04	26th Aug 2020	04:15	
	1x160	43.88	8th Aug 2020	19:30	0.04	26th Aug 2020	05:30	
JODA 220/132 KV { Joda,Tensa, FAP(I), Bolani(I), Nalda Tr.,Polasponga, Rairangpur, Bhalulata traction }	3x100	66.16	1st Aug 2020	22:30	20.60	20th Aug 2020	15:00	*** - Alternate P/S from Kuche.
	3x160	74.36	13th Aug 2020	19:45	24.60	20th Aug 2020	15:00	
	3x100	66.04	1st Aug 2020	22:30	15.52	2nd Aug 2020	15:45	
KATAPALI 220/132 KV {Chipilima,Bargarh, ACC,Sonepur & Katapali area load. }	1x100	27.68	19th Aug 2020	15:15	0.04	3rd Aug 2020	18:00	Supported by Burla & Chipilima power.
	1x100	27.80	19th Aug 2020	15:15	0.04	3rd Aug 2020	21:30	
	1x160	47.28	10th Aug 2020	19:15	0.04	5th Aug 2020	13:15	
	2x160	72.32	10th Aug 2020	19:30	17.44	28th Aug 2020	02:15	
LAPANGA {Kuchinda, Aryan Viraj, Shyam Metalics }	2x160	72.12	10th Aug 2020	19:30	17.32	28th Aug 2020	02:15	
		43.76	31st Aug 2020	00:00	0.68	8th Aug 2020	12:45	
MERAMUNDALI 220/132 KV {Meramundali Traction, Dhenkanal, Navchrome(I), Hind Metal, Aarti,BRG }	3x100	43.00	31st Aug 2020	00:00	1.04	8th Aug 2020	12:45	
		70.44	21st Aug 2020	15:30	0.60	19th Aug 2020	19:00	
		40.12	10th Aug 2020	13:30	7.99	23rd Aug 2020	17:15	
Mendhasal { Part area load of Khurda S/S }	2x100	37.82	10th Aug 2020	13:30	7.64	23rd Aug 2020	17:15	
		97.00	30th Aug 2020	18:45	36.60	8th Aug 2020	16:00	
NARENDRAPUR 220/132KV { Narendrapur, NarendrapurTr, Berhampur, Chhatrapur, Ganjam, Balugaon, Digapahandi, Mohana. }	2x160	93.40	30th Aug 2020	18:45	35.44	8th Aug 2020	16:00	
		53.96	30th Aug 2020	18:45	19.64	20th Aug 2020	12:00	
	1x100	61.84	1st Aug 2020	21:00	12.48	4th Aug 2020	16:45	
PARDEEP 220/132 KV { Paradeep, Kendrapada, Pattamundai, Chandikhol, Cuttack, Jagatsinghpur, Phulnakhara }	1x160	107.28	3rd Aug 2020	04:30	24.88	26th Aug 2020	15:45	
	1x160	99.88	3rd Aug 2020	04:30	19.28	4th Aug 2020	16:45	
	4x100	60.36	25th Aug 2020	11:00	6.08	4th Aug 2020	21:00	
TARKERA 220/132 KV { Rourkela, Rourkela Tr.,RSP(I), Chhend , Adhunik Metal, Rajgangpur, OCL(I), Rajgangpur Tr. }	4x100	64.16	25th Aug 2020	11:00	7.92	4th Aug 2020	21:00	
		53.96	2nd Aug 2020	02:45	6.16	4th Aug 2020	21:00	
		60.64	25th Aug 2020	11:00	7.08	4th Aug 2020	21:00	
		60.56	20th Aug 2020	10:30	13.20	6th Aug 2020	11:45	Rayagada & Paralakhemundi can be fed from Machhkund system.
THERUVALLI 220/132 KV. {Theruvalli, IMFAL(I), JK(I), Junagarh, Kesinga, Powmex(I), Rayagada, }	2x100	64.08	20th Aug 2020	10:30	13.36	6th Aug 2020	11:45	
		78.12	30th Aug 2020	19:30	21.04	6th Aug 2020	11:45	
		1x160	55.67	30th Aug 2020	23:30	0.00	19th Aug 2020	19:00
TTPS 220/132 KV {Chainpal, FCI (I), Angul, MCL Nandira(I), Rairakhole, Boinda, Kamakhyanagar, Kalarangi, Nuapatna, Choudwar }	1x160	55.67	30th Aug 2020	23:30	0.00	19th Aug 2020	19:00	
	2x160							
SAMANGARA {Puri, Nimapara & Konark }	2x160							

STATEMENT OF UFR OPERATION IN GRIDCO SYSTEM DURING THE MONTH OF AUGUST-2020											
Sl.No	UFR Stage	Name of S/S	Name of feeder	Voltage level KV	Tripping details		Load Relief in MW	Restoration details		Duration of interruption in Minutes	Remarks
					Date	Time		Date	Time		
Nil											

MAJOR EVENT FOR THE MONTH OF AUGUST - 2020		
Sl. No	Date	Details of event
1	06.08.20	At 17:20 Hrs, Unit #1(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).
2	06.08.20	At 19:21 Hrs, 315 MVA, 400/220 kV ICT-II at Tata Steel Ltd, Kalinganagar S/S charged.
3	07.08.20	At 13:37 Hrs, Unit #2(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).
4	07.08.20	At 16:27 Hrs, 315 MVA, 400/220 kV ICT-I at Tata Steel Ltd, Kalinganagar S/S charged.
5	14.08.20	At 13:24 Hrs, 40 MVA, 132/33 kV Power Transformer- II charged at Grid S/S, New Bargarh.
6	15.08.20	At 01:09 Hrs, 132 kV Tusura-Deogaon RTSS charged.
7	21.08.20	At 00:25 Hrs, Unit #3(8MW) of BPPPL(Baitarani Power Project Pvt Ltd) synchronised with the Grid (M/s BPPPL connected to Grid S/S Anandpur through 132 kV SC Line).