

SYSTEM PERFORMANCE REPORT



JULY'2020

SLDC, OPTCL
BHUBANESWAR – 17

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SUMMARY REPORT FOR JULY- 2020

A. Voltage Profile

<u>220 KV</u>			<u>Date & Time</u>	<u>Location</u>
Maxm. -	239.89 kV	05.07.2020 18:30 Hrs	Jayanagar	
Minm. -	>240 KV 192.37 kV	29.07.2020 15:00 Hrs	Nil Bolangir N	
	< 200 KV		Bolangir N	
<u>132 KV</u>	Maxm. -	143.01 kV 05.07.2020 06:00 Hrs	Chainpal	
	>145 KV		Nil	
Minm. -	108.66 kV	08.07.2020 11:15 Hrs	Berhampur	
	< 120 KV		Berhampur, Bhadrak, Bolangir, Bolangir N, Paradeep, Puri.	

B. Frequency Profile

		<u>Date & Time</u>
Maxm. -	50.39 Hz	05.07.20 03:46 Hrs.
Minm. -	49.64 Hz	14.07.20 22:08 Hrs.
Average -	50.00 Hz	
% of time the freq. is within 49.9 Hz to 50.05 Hz - (IEGC band)		77.02%
% of time the freq. is > 50.05 HZ -		16.78%
% of time the freq. is ≤49.9 HZ -		6.20%
% of time the freq. is < 48.5 HZ -		0.00%

C. Demand Profile

Peak System Demand	4537.53 MW	At 21:00 Hrs on 18.07.20
Minimum System Demand	3027.02 MW	At 06:00 Hrs on 14.07.20
Average System Demand	3667.42 MW	

D. Major events

<u>Sl. No</u>	<u>Date</u>	<u>Details of event</u>
1	17.07.20	At 14:28 Hrs, 132/33 kV Global Grid S/S is charged by LILO arrangement in existing 132 kV Chainpal-FCI ckt-I. At 16:07 Hrs, 20 MVA, 132/33 kV Power Transformer charged at Global Grid S/S.
2	30.07.20	At 23:13 Hrs, 220 kV Bolangir(New)- Bolangir(PG) ckt-II charged.
3	31.07.20	At 13:28 Hrs - 132 kV Atri- Samuka feeder charged. At 13:58 Hrs - 132 kV Atri- Khurda ckt-I charged. At 18:55 Hrs - 132 kV Atri -Khurda ckt-II charged. At 19:09 Hrs - 132 kV Atri- Chandpur ckt charged. (Existing 132 kV Khurda- Chandpur & 132 kV Khurda- Samuka feeders connected at 220/132 kV Grid S/S, Atri through LILO arrangement in multi circuit tower.)
4	31.07.20	At 20:34 Hrs, 132 kV Brajarajnagar -Kechhobahal(RTSS) feeder charged.
5	31.07.20	At 17:30 Hrs, 20 MVA, 132/33 kV Power Transformer charged at Grid S/S,

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.

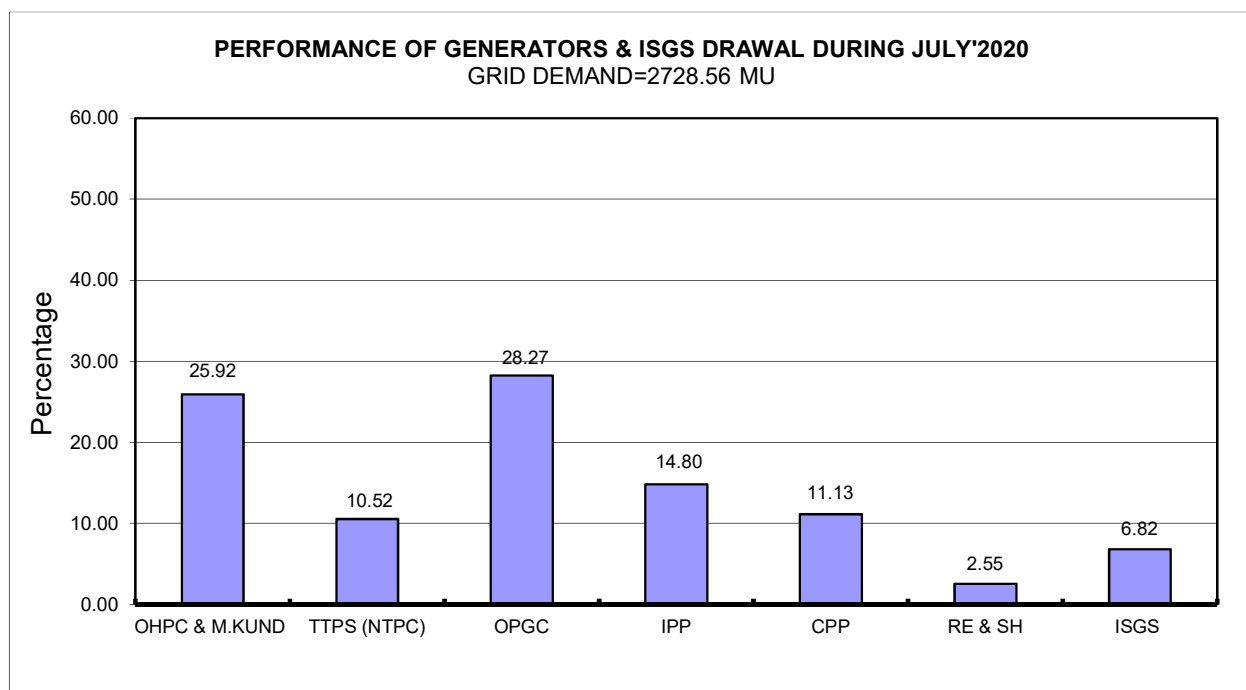
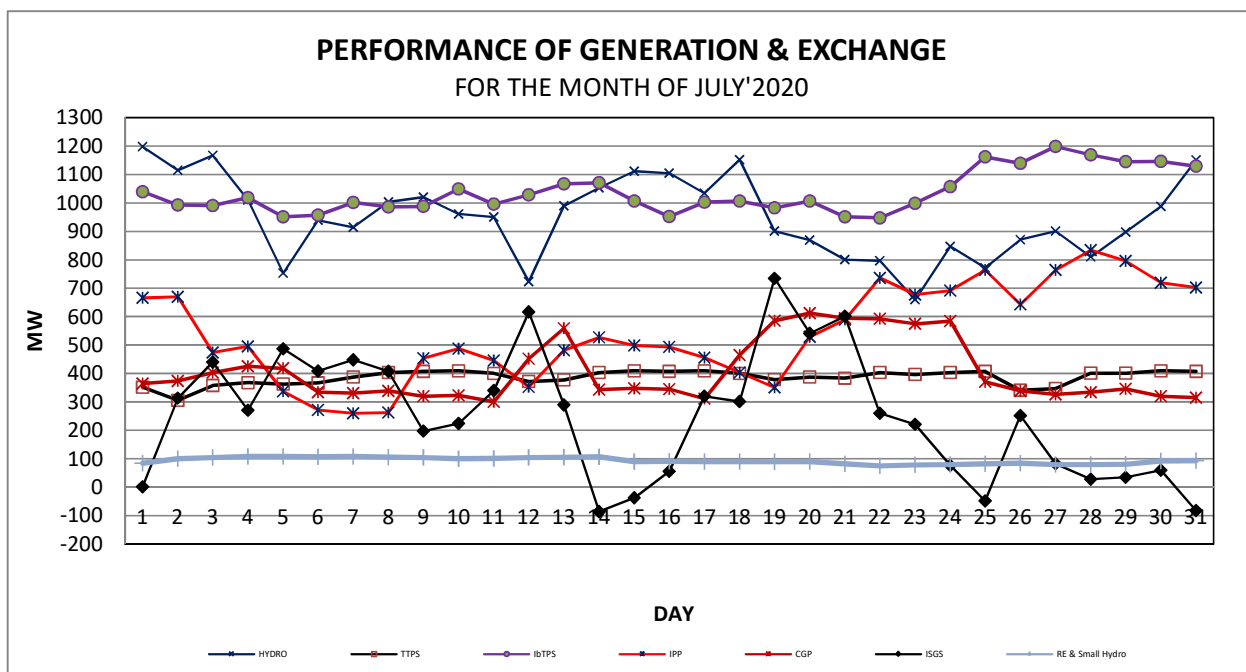
CAPACITY OF IPP, CPP, SMALL HYDRO & RENEWABLE

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
	TOTAL		2967		

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		

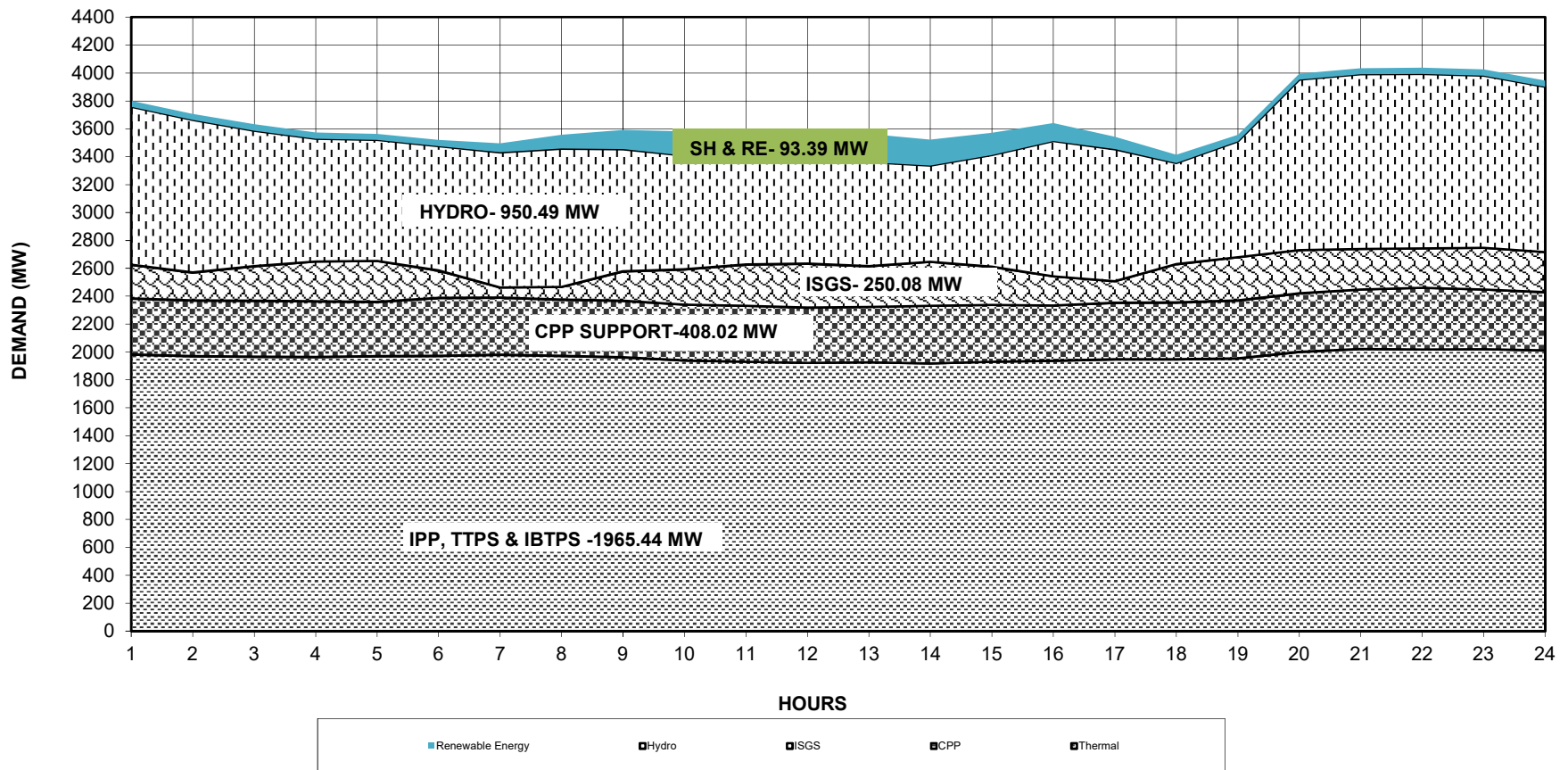
RENEWABLE PROJECTS

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	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)		19275.05			



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

Average Demand=3667.42 MW



COMPARISON SYSTEM DEMAND WITH PREVIOUS FINANCIAL YEAR



MONTHLY GENERATION & DEMAND REPORT FOR THE STATE OF ODISHA IN THE MONTH OF JULY- 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	24.451	16.472	15.577	0.000	0.000	0.000	0.000	56.500	75.941	0.266	0.25	31	0.00
2	Chipilima	13.766	11.700	11.364	-	-	-	-	-	36.830	49.503	0.112	54.95	31	19.00
4	Balimela	0.000	0.000	31.815	30.822	31.406	31.406	36.224	38.546	200.219	269.112	0.062	299.55	3	22.00
5	Rengali	25.093	25.845	13.375	22.829	19.611	-	-	-	106.753	143.485	0.046	190.56	31	10.00
6	Upper Kolab	33.631	35.315	0.000	34.371	-	-	-	-	103.317	138.867	0.103	226.10	2	21.00
7	Upper Indravati	61.489	58.134	54.618	46.185	-	-	-	-	220.425	296.270	4.941	600.23	21	20.00
8	Total Hydro (OHPG)	-	-	-	-	-	-	-	-	724.044	973.178				
9	Machhakund (Orissa drawal)	-	-	-	-	-	-	-	-	21.216	28.516		39.18	1	11.00
10	Total Hydro	-	-	-	-	-	-	-	-	745.260	1001.694		1425.45	7	23.00
11	TTPS-I	42.805	42.177	40.809	41.398	-	-	-	-	167.189	224.716		226.70	25	4.00
12	TTPS-II	76.396	75.634	-	-	-	-	-	-	152.030	204.341		208.34	1	7.00
13	Total TTPS	-	-	-	-	-	-	-	-	319.219	429.058	35.500	429.98	1	3.00
14	IBTPS-I	124.63	108.989	-	-	-	-	-	-	233.623	314.009	27.120	1215.12	26.00	20.00
15	IBTPS-II	-	-	277.970	344.852	-	-	-	-	622.822	837.126	39.323			
16	Total IBTPS	-	-	-	-	-	-	-	-	856.445	1151.136				
17	IPPs & CGPs Support	-	-	-	-	-	-	-	-	689.781	927.125				
18	Total Thermal & IPPs & CGP	-	-	-	-	-	-	-	-	1865.445	2507.318		3043.03	24	22.00
19	Injection by Renewable projects	41.3903	-	-	-	-	-	-	-	41.390	55.632				
20	Total self generation	-	-	-	-	-	-	-	-	2652.095	3564.644	107.473	4260.63	24	22.00

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

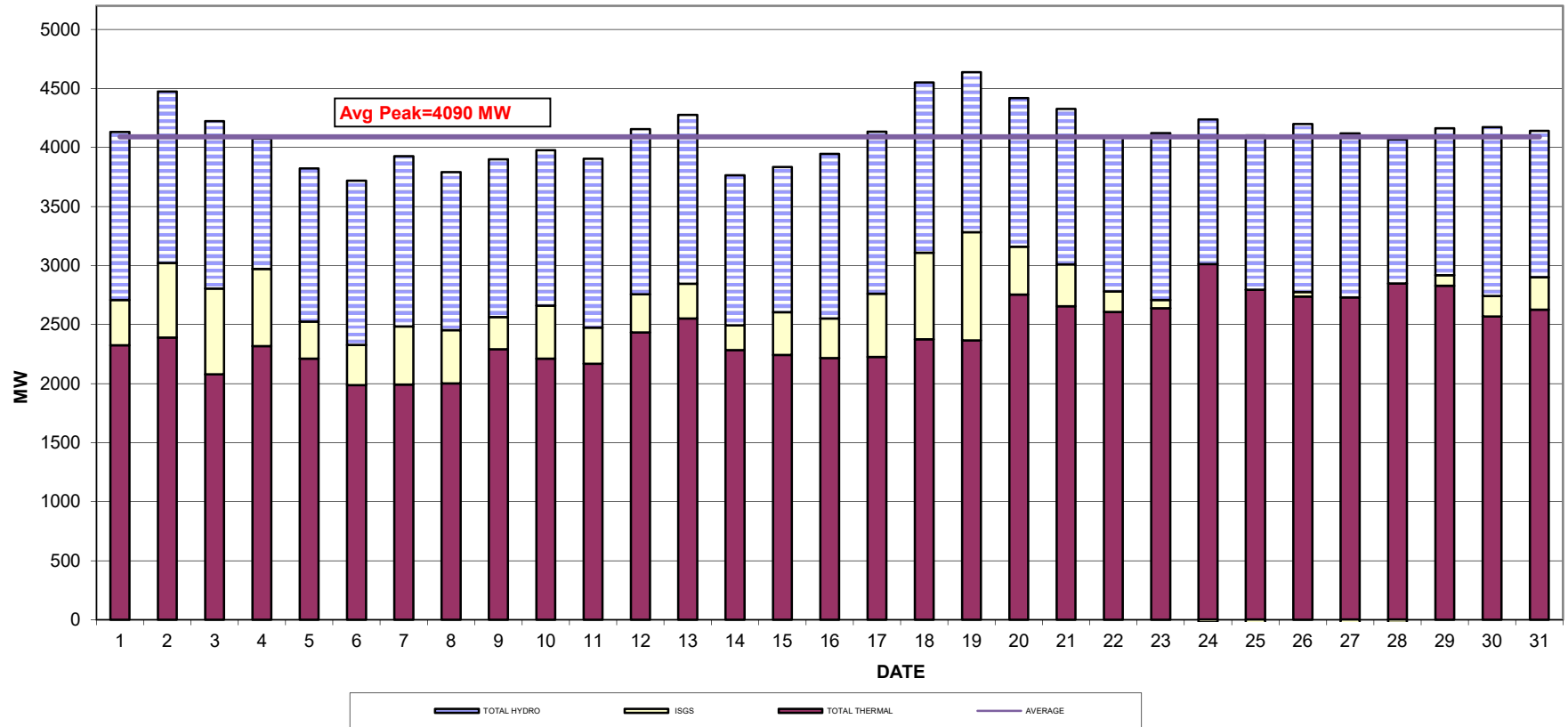
(B) IPPs / CGPs injection :-

SL No.	Name of IPP / CGPs	Injection in (MU)	Average (MW)	Maximum Injection (MW)	DATE	TIME (Hr.)	Name of the Tie line	Net MU	Avg MW	Maximum Import (MW)	DATE	TIME	Maximum Export (MW)	DATE	TIME
1	Aarti Steel Ltd, ghantikhal	4.040	5.430	26.17	11	1.00	132KV JODA-KENDUPOSI	-12.79	-17.19	0.86	17	11.00	-34.87	18	13.00
2	ACC	0.000	0.000				132KV KALABADIA-BANGIRIPOSI	38.88	52.26	73.84	26	21.00	-0.02	8	13.00
3	Action Ispat	0.000	0.000				132KV KALABADIA-BARIPADA	21.14	28.41	40.68	31	23.00	5.33	12	19.00
4	Aryan Ispat,	0.318	0.428				132 KV BHOGRAI-KUCHEI	11.60	15.59	26.65	9	22.00	1.15	1	15.00
5	BPPL	82.533	22.802	133.00	19	23.00	132 KV JALESWAR-KUCHEI	16.13	21.68	37.65	9	22.00	7.84	12	20.00
6	BPSL, Jharsuguda	16.965	22.802	112.35	15	10.00	220KV JODA-JAMSHEDPUR	-38.92	-52.32	40.35	12	8.00	-114.66	5	23.00
7	TSBSL, Meramundali	13.225	17.776	89.55	1	16.00	220KV JODA-RAMCHANDRAPUR	39.69	53.35	102.99	19	18.00	0.05	1	4.00
8	GMR Kamalanga Energy Ltd.(IPP)	80.195	107.789				220KV RENGALI SY- RENGALI P.G-I	11.44	15.38	56.59	16	3.00	-31.93	7	16.00
9	HINDALCO, Hirakud	2.250	3.025				220KV RENGALI SY- RENGALI P.G-II	13.32	17.90	71.14	16	3.00	-43.68	7	15.00
10	IFFCO, Paradeep	0.0002	0.000				220KV JAYANAGAR JEYPORE PG-I	-65.58	-88.15	8.92	23	4.00	-162.44	14	17.00
11	IMFA, Choudwar	17.024	22.882	45.73	12	2.00	220KV JAYANAGAR JEYPORE PG-II	-69.28	-93.12	8.56	23	4.00	-170.49	14	17.00
12	JINDAL, New Duburi	4.171	5.606	38.34	26	22.00	220KV RENGALI P.H-KANIHA	-43.07	-57.88	-10.34	23	14.00	-146.37	14	24.00
13	JSPL, Angul	40.552	54.506	80.80	5	14.00	220KV TTPS-KANIHA	28.65	38.51	80.00	27	14.00	0.00	13	17.00
14	Mahavir Ferro Alloys	0.000	0.000				220KV MERAMUNDALI-KANIHA-I	60.50	81.32	132.42	3	3.00	0.56	23	12.00
15	Mathan Ispat Ltd.	0.000	0.000				220KV MERAMUNDALI-KANIHA-II	64.88	87.20	166.09	27	14.00	44.58	1	7.00
16	Meenakshi Power Ltd. (SH)	25.251	33.939				220KV TARAKARA-BISRA-I & II	91.82	123.42	204.23	12	8.00	18.48	1	14.00
17	MSP, Jharsuguda	0.000	0.000				220 KV KALABADIA-BALASORE-I&II	131.97	177.38	300.43	3	15.00	87.41	10	18.00
18	NALCO, Angul	13.82	18.576	107.87	27	20.00	220KV KATAPALI- BOLANGIR(PG)	-55.41	-74.47	0.52	22	8.00	-152.61	28	14.00
19	Nartheram	0.026	0.034				220KV SADEIPALI - BOLANGIR(PG)	89.24	119.94	213.24	27	21.00	-17.18	7	15.00
20	NBVL, Kharag Prasad	6.401	8.604	42.75	29	22.00	220KV BUDHIPADAR-KORBA-I	-48.36	-65.00	-0.11	26	16.00	-123.71	18	7.00
21	NINL, Duburi	0.000	0.000				220KV BUDHIPADAR-KORBA-II	34.24	46.02	99.97	7	15.00	-123.71	18	7.00
22	OCL	0.598	0.803				220KV BUDHIPADAR-KORBA-III	30.54	41.05	90.17	7	15.00	-8.55	22	8.00
23	OPCL, Samal (SH)	7.551	10.149				220KV ATRI- PANDIVIL	127.28	171.07	243.32	28	14.00	-10.02	22	8.00
24	PSAL, Keonjhar	0.000	0.000				220KVSAMANGHARA- PANDIVIL	0.00	0.00	0.00	1	1.00	88.97	1	4.00
25	RSP, Rourkela	0.000	0.000				220KV KEONJHAR 220KV KEONJHAR	3.41	4.58	10.09	3	23.00	0.00	3	23.00
26	Shree Ganesh	0.661	0.889				220KV KEONJHAR 220KV KEONJHAR	1.51	2.02	11.81	3	15.00	-0.02	3	15.00
27	Shyam Metalics	0.742	0.998				400KV INDRAVATI P.H-P.G	-58.12	-78.12	61.94	27	13.00	-220.91	23	22.00
28	SMC Power	0.001	0.001				400KV MERAMUNDALI-KANIHA	325.37	437.33	905.26	16	3.00	-92.14	21	13.00
29	TSPL	12.886	17.320				400KV MERAMUNDALI-ANGUL-I&II	-87.28	-117.32	18.17	16	16.00	-285.09	27	19.00
31	Vedanta Ltd. (IPP-Unit-2)	296.810	398.938				400KV MENDHASAL - PANDIABIL-I &II	-207.15	-278.42	109.49	31	14.00	-548.28	1	3.00
32	Vedanta, Jharsuguda	56.185	75.518				400KV DUBURI - PANDIABIL	85.78	115.29	362.02	1	4.00	-96.83	31	14.00
33	Vedanta, Lanjigarh	0.678	0.912				400KV DUBURI - BARIPADA	54.78	73.63	204.13	12	8.00	-49.25	3	16.00
34	VISA Steel, New-Duburi	1.208	1.624	12.88	20	23.00	400KV VEDANTA-JHARSUGUDA Ckt-I	-70.78	-95.14	125.02	19	14.00	-261.12	1	4.00
35	Yazdani Steel & Power Ltd., J.J Rd	0.000	0.000				400KV VEDANTA-JHARSUGUDA Ckt-II	-71.60	-96.24	125.62	19	14.00	-261.50	1	4.00
36	Vedanta Ltd. (3*600)	5.687	7.644				400KV OPGC-JHARS PG - I	-134.70	-181.05	-23.82	26	12.00	-306.24	1	4.00
							400KV OPGC-JHARS PG - II	-134.43	-180.69	-23.86	26	12.00	-305.51	1	4.00
	Total support from CPPs	689.781	927.125				Net ISGS	184.68	248.23	1110.25	19	16.00	-306.24	1.00	4.00

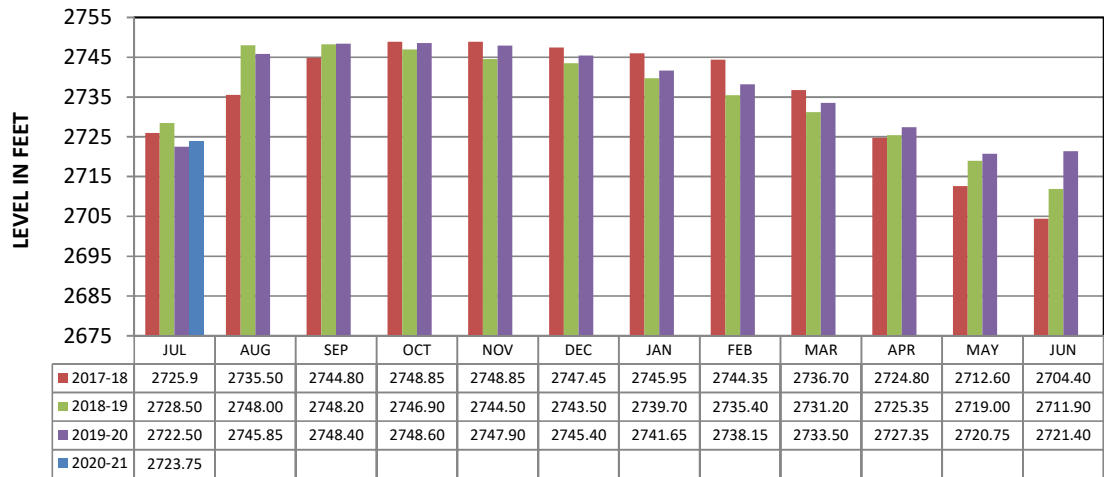
ABSTRACT OF SYSTEM DEMAND

Particulars	Energy MU	Average MW	Peak MW	DATE	TIME
Total gross generation(Including CPP+IPP)	2652.095	3564.644	3817.65	18	21.00
Power Station Auxiliary consumption	107.473	144.453			
Total net generation(Including CPP+IPP)	2544.622	3420.191	3804.02	18	21.00
Net ISGS	184.684	248.231	733.51	18	21.00
System Demand	2729.306	3668.422	4537.53	18	21.00
Trading					
Average of Peak Demand (MW)		4084.955			
Average of Minimum Demand (MW)		3357.773			

DAILY GENERATION SHARING DURING PEAK DEMAND DURING JULY- 2020

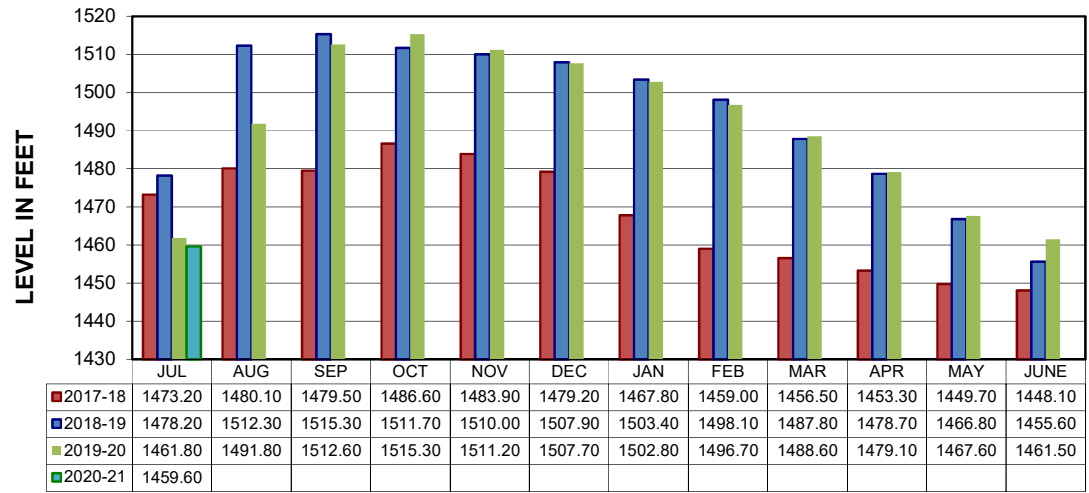


JOLAPUT RESERVOIR LEVEL



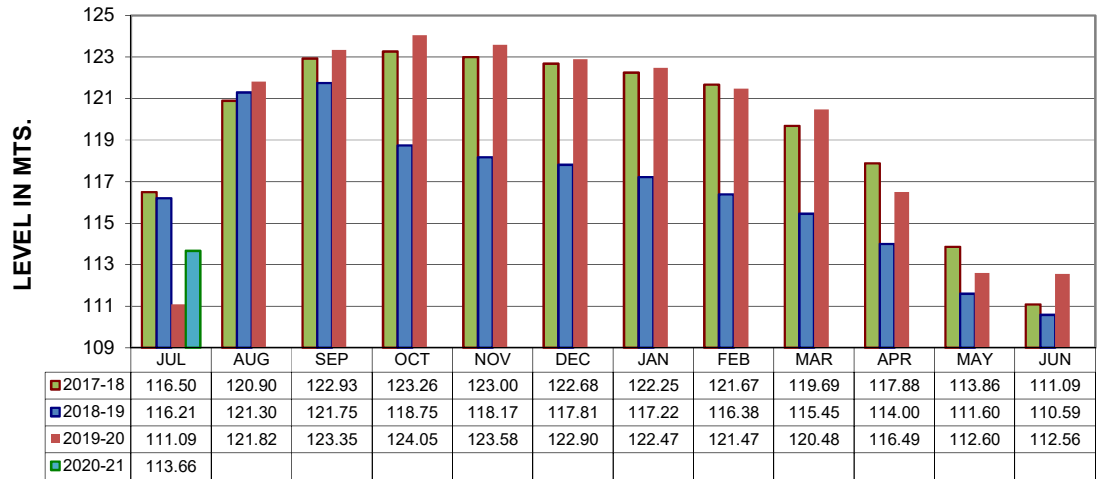
MONTH (End)

BALIMELA RESERVOIR LEVEL



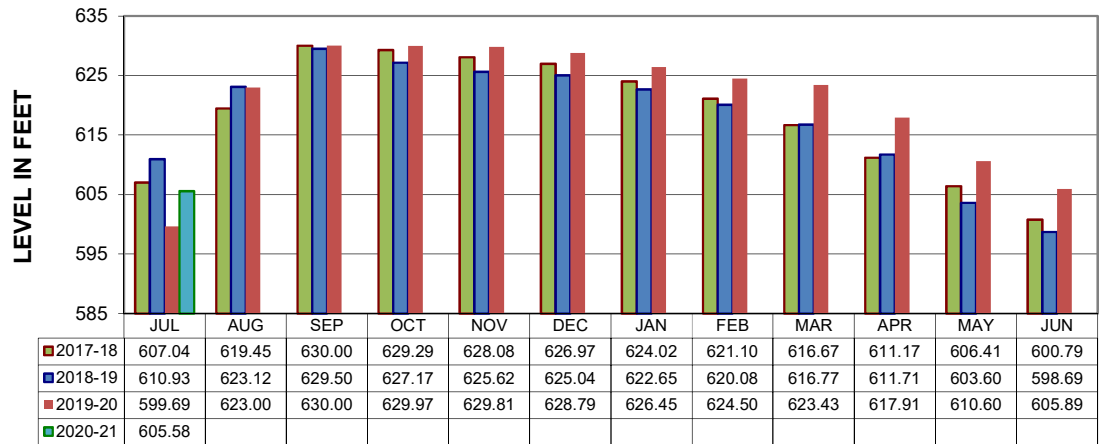
MONTH (End)

RENGALI RESERVOIR LEVEL



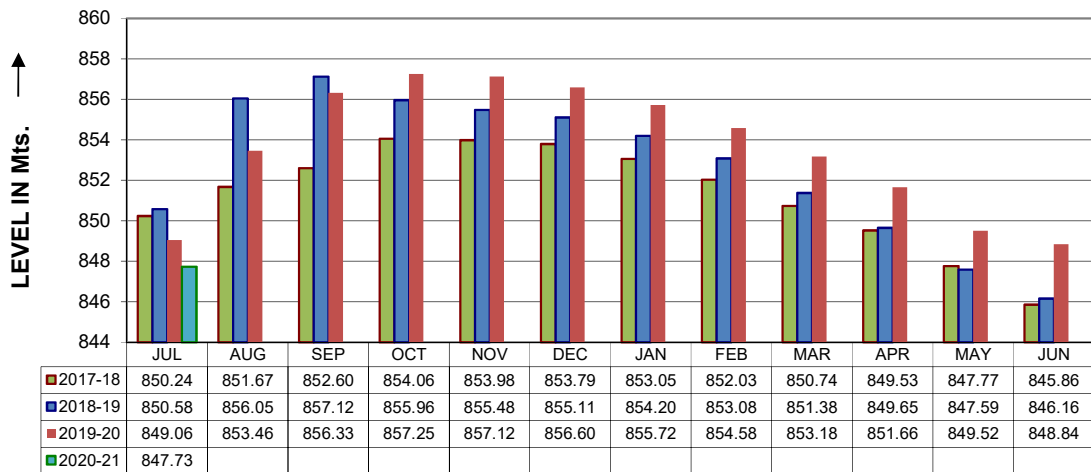
MONTH (End)

HIRAKUD RESERVOIR LEVEL



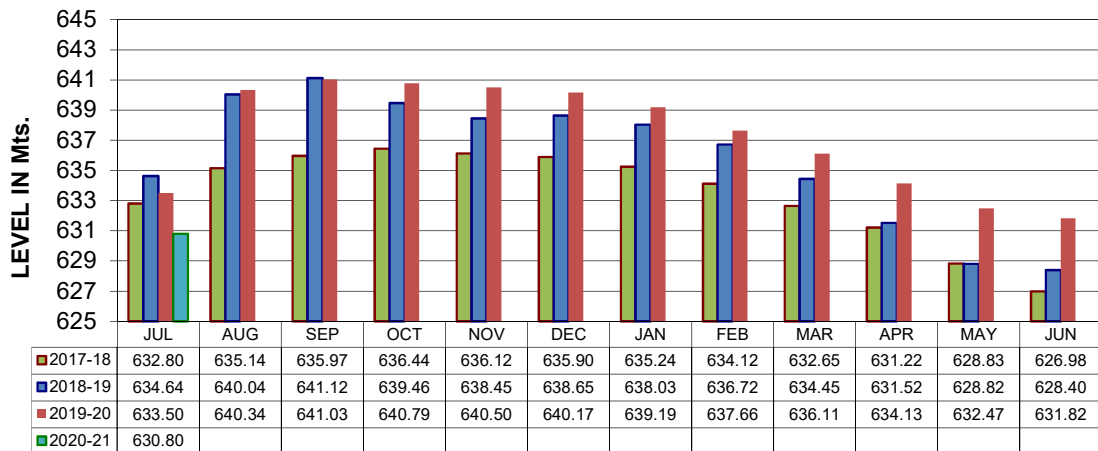
MONTH (End)

U.KOLAB RESERVOIR LEVEL



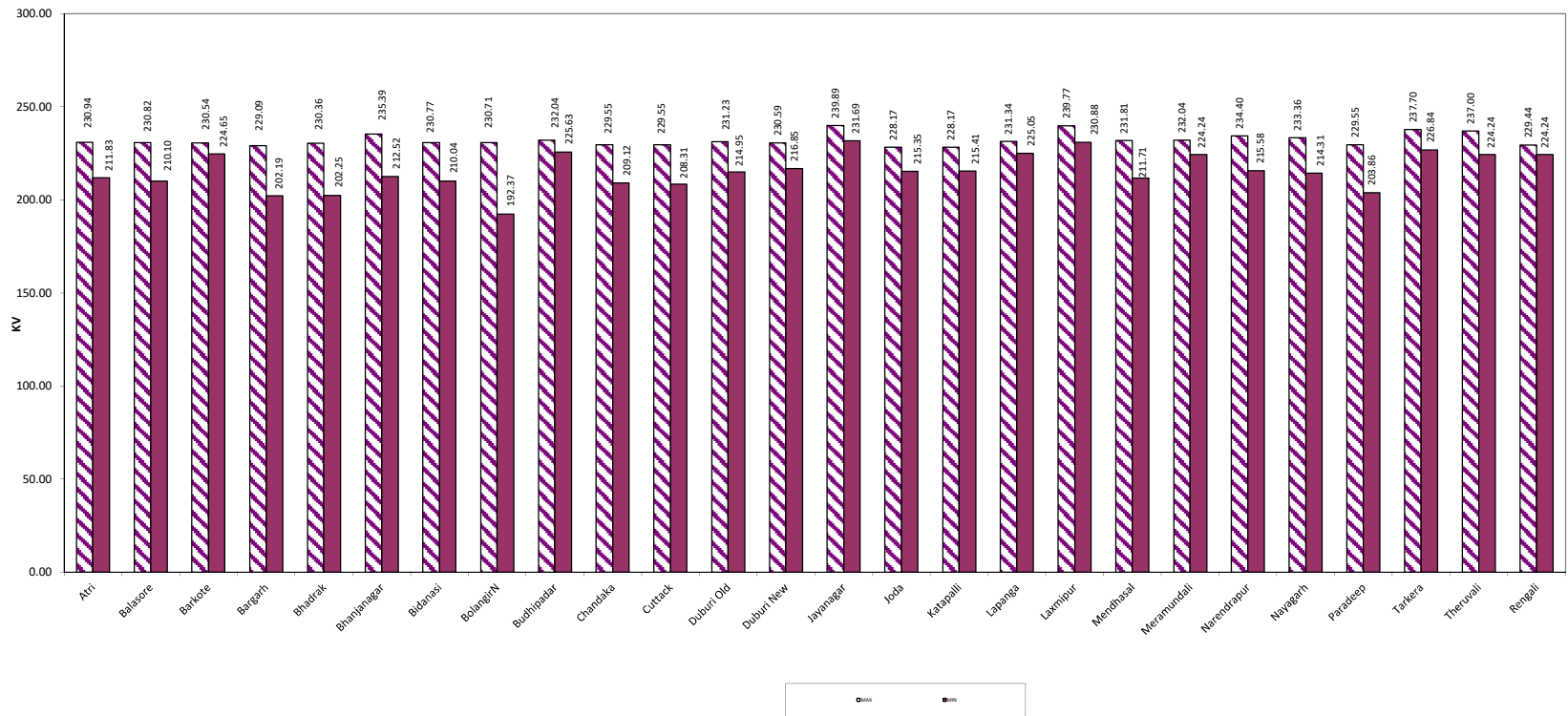
MONTH (End)

INDRAVATI RESERVOIR LEVEL



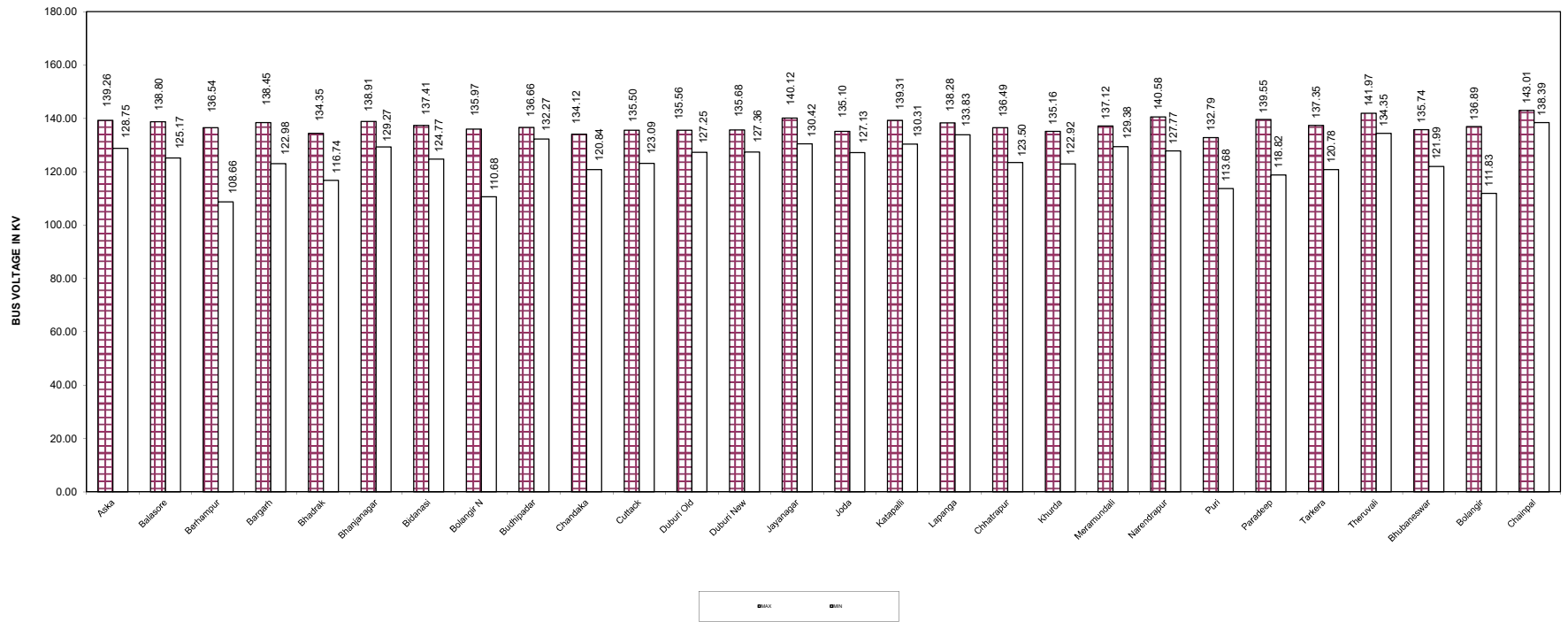
MONTH (End)

VOLTAGE PROFILE OF 220KV S/S FOR JULY 2020

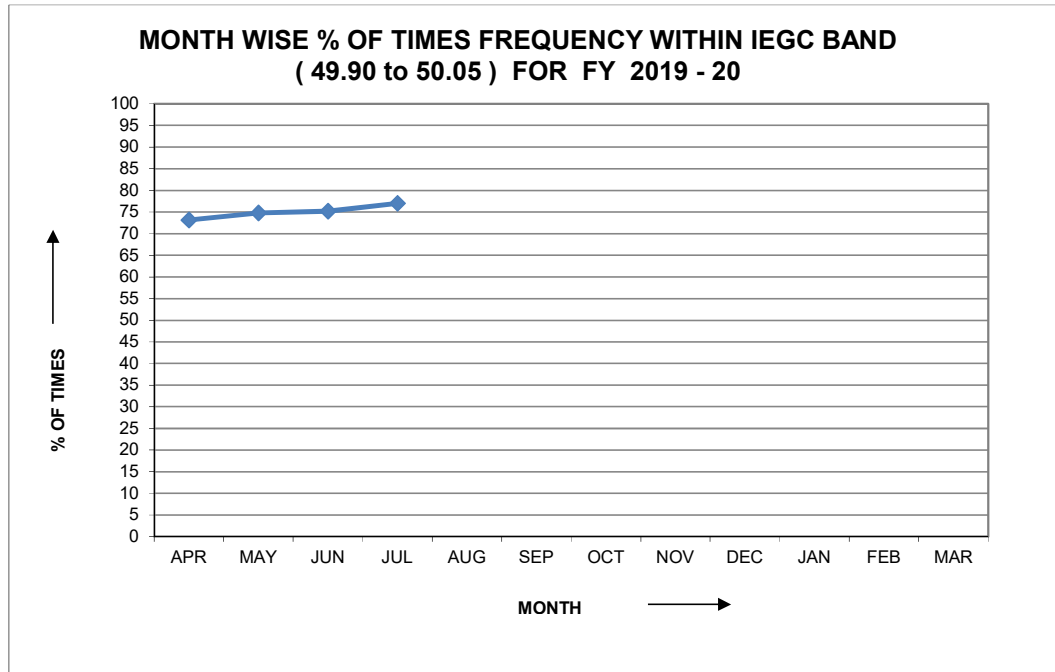


STATION	ATRI		BALASORE		BARKOTE		BARGARH(N)		BHADRAK		BHANUNAGAR		BIDANASI		BOLANGIR		BUDHIPADAR		CHANDAKA		CUTTACK		DUBURI		DUBURI (N)		JAYANAGAR		JODA		KATAPALI		LAPANGA		LAXMIPUR		MENDHASAL		MERAMUNDALI		NARENDRAPUR		NAYAGARH		PARADEEP		TARKERA		THERUVALI	
	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	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.	DAY	Hrs.		
MAXM.	23	05:30	12	18:15	5	06:00	5	03:45	14	07:00	23	05:30	23	05:30	5	03:45	5	03:45	23	05:30	23	05:30	5	10:00	5	06:00	5	18:30	4	22:00	5	03:45	5	03:45	23	05:30	23	05:30	5	17:00	8	18:00	5	06:15	12	06:15	5	06:00	23	05:30
MINM.	31	13:30	3	15:15	26	23:00	29	15:00	3	12:45	8	18:00	31	13:30	29	15:00	26	15:45	31	13:15	31	13:30	1	00:30	1	22:45	7	20:15	27	18:45	27	18:45	26	16:15	10	19:45	31	13:30	26	23:15	31	13:30	31	13:30	1	00:30	28	12:45	30	22:30

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



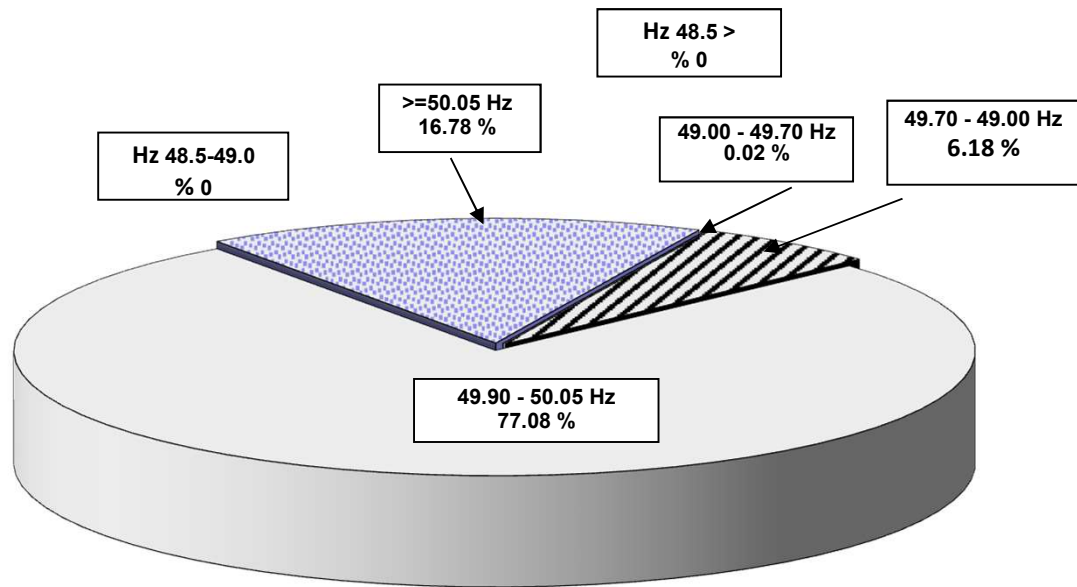
STN	CHATRAPUR		BALASORE		CHAMPAL		BARGARH (N)		BHADRAK		BHARGANAGAR		BIDANASI		BOLANGIR		BUDHIPADAR		CHANDAKA		CUTTACK		DUBURI		KHURDA		JAYANAGAR		JODA		KATAPALI		LAPANGA		MANCHESWAR		PURI		MERAMUNDALI		NARENDRAPUR		BERHAMPUR		PARADEEP		TARKERA		THERUVALI		Bhubaneswar	
	DAY	Hrs.	DAY	Hrs.	DAY	Hrs.	DAY	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.		
MAX	22	18:30	12	18:15	8	18:00	4	21:45	19	16:45	23	05:30	14	03:45	4	21:15	5	05:45	23	05:30	23	5:30	5	10:45	5	10:00	5	15:45	6	06:15	4	21:45	5	03:00	8	18:00	14	06:15	5	17:00	8	18:00	14	06:15	12	18:30	4	21:30	23	05:30	23	05:30
MIN	31	13:15	3	14:30	8	11:15	9	16:30	3	12:45	31	13:30	31	13:30	29	15:00	27	20:15	31	13:30	31	13:15	1	22:45	1	22:45	1	11:15	1	23:15	16	16:15	27	19:15	31	13:30	26	12:30	31	13:30	31	13:30	30	21:30	29	15:00	30	22:30	31	13:30		



**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									50.01
	% of time (49.9 to 50.05 Hz)	73.16	74.78	75.22	77.02									75.05
	% of time (above 50.05 Hz)	22.06	21.33	20.64	16.78									20.20

MONTHLY FREQUENCY PROFILE FOR JULY 2020



FREQUENCY DISTRIBUTION FOR THE MONTH OF JULY - 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	1	5	2
49.7-49.9	106	88	94	44	35	64	66	126	39	21	41	55	261	350	193
49.9-50.05	1136	1186	1174	1001	649	1026	1141	1098	1151	1099	982	877	1102	1017	1113
>50.05	198	166	172	395	756	350	233	216	250	320	417	508	76	68	132
>=50.1Hz	23	9	18	46	370	48	28	36	15	53	74	265	12	5	20

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.7-49.90	143	98	111	6	48	72	17	61	41	81	76	97	124	31	68	103	46
49.9-50.05	1086	1139	1208	1078	1038	1146	1234	1197	1201	1226	1144	1199	1166	1166	1138	1264	573
>50.05	211	202	121	356	354	222	189	182	198	133	220	144	150	243	234	73	125
>=50.10Hz	21	21	3	48	40	22	11	16	20	11	33	20	7	24	51	6	23

ENERGY DRAWAL OF CESU CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF JULY'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	22.653	22.501	31.520	28th Jul 2020	10:30	
		Angul	2x40+1x20=100	35.648	25.743	36.419	3rd Jul 2020	22:30	
2	Angul PG	PGCIL Stn. Tertiary		0.000	0.000	0.000	1st Jul 2020	00:00	
	Arati Steel	Arati Steel	132 kV	0.000	0.272	10.213	16th Jul 2020	13:00	
3	Argul	Argul	2x40+1x20=100	5.440	4.955	17.108	10th Jul 2020	11:00	
4	Badagada	Badagada	2x63=126	27.813	18.758	30.594	17th Jul 2020	10:45	
5	Balugaon	SOLARI Traction	132kV	1.920	2.336	7.960	18th Jul 2020	18:45	
		Balugaon	1x40+1x20+1x12.5=72	29.939	26.872	33.374	31th Jul 2020	19:30	
6	Banki	Banki	2x20=40	12.960	9.621	13.268	31th Jul 2020	22:30	
7	Bhubaneswar	Bhubaneswar	3x63=189	86.520	64.276	101.400	1st Jul 2020	15:15	
8	Bidanasi	Bidanasi	2x63+1x40=166	81.834	56.449	91.891	2nd Jul 2020	15:00	
9	Boinda	Boinda Traction	132 kV	2.360	1.405	10.760	8th Jul 2020	05:45	
		Boinda	1x20+2x12.5=45	15.306	13.068	20.905	26th Jul 2020	19:30	
10	BPPL S/W	BPPL Fdr-I&II	132 kV	0.000	0.000	0.040	27th Jul 2020	18:30	
11	Chainpal	FCI Feeder	132 kV	0.480	0.366	0.560	31th Jul 2020	18:30	
		Talcher Rd. Trac.	132 kV	2.960	5.686	12.600	26th Jul 2020	18:00	
		Chainpal	2x40+1x20=100	52.308	39.837	59.508	27th Jul 2020	19:45	
12	Chandaka	Chandaka	3x63=189	92.269	67.821	99.324	27th Jul 2020	13:30	
13	Chandpur	Chandpur	2x12.5=25	13.526	10.703	14.699	31th Jul 2020	22:30	
14	Choudwar	Choudwar Traction	132 kV	4.320	6.192	14.440	28th Jul 2020	23:45	
		Choudwar	3x40=120	52.801	46.454	59.338	10th Jul 2020	11:45	
15	Cuttack	Cuttack	3x40=120	56.064	37.735	56.901	2nd Jul 2020	22:30	
16	Dhenkanal	Joranda Trac.	132 kV	5.275	6.345	15.638	26th Jul 2020	20:30	
		Narveram CGP Fdr	33 kV	0.000	0.034	3.176	30th Jul 2020	21:00	
		Dhenkanal	3x40=120	47.054	37.519	50.110	28th Jul 2020	15:00	
17	Grid Steel Alloy S/W	GSAL Feeder	132kV	0.000	1.248	17.640	29th Jul 2020	23:00	
18	Hind Metalics	MGM Feeder	132kV	0.000	0.089	1.660	28th Jul 2020	12:30	
		NBVL Fdr-1&2	132kV	0.000	0.000	0.000	1st Jul 2020	00:00	
		SGEL Feeder	132kV	0.000	0.063	1.794	5th Jul 2020	15:45	
		Meramundali Trac.	132 kV	4.463	5.222	15.375	18th Jul 2020	11:15	
19	Infocity-II GIS	Infocity-II GIS (220/33)	2x40=80	14.360	13.468	18.840	10th Jul 2020	22:45	
20	Jagatsinghpur	Gorakhmatn Trac.	132 kV	6.594	8.226	14.475	16th Jul 2020	12:30	
		Jagatsinghpur	1x40+2x20=80	38.964	30.992	40.814	10th Jul 2020	21:45	
21	Kalarangi	Kalarangi	1x20+2x12.5=45	10.881	9.783	14.669	16th Jul 2020	09:15	
22	Kamakhyanagar	Kamakhyanagar	1x20+2x12.5=45	17.392	15.125	20.548	21th Jul 2020	21:15	
23	Kendrapada	Kendrapada	2x40+1x12.5=92.5	34.800	27.060	36.800	4th Jul 2020	22:15	
24	Khajuriakata	Khajuriakata	2x40=80	7.888	5.802	8.772	26th Jul 2020	21:45	
25	Khuntuni GIS	Khuntuni GIS	2x40=80	2.920	3.202	6.760	21th Jul 2020	20:30	
26	Khurda	Kaipadar Trac.	132 kV	2.120	5.829	13.840	9th Jul 2020	21:15	
		Khurda	4x40=160	66.059	55.032	68.978	2nd Jul 2020	22:15	
27	Konark	Konark	2x20=40	5.996	4.776	8.604	28th Jul 2020	16:45	
28	Mania	Mania	1x20+1x12.5=32.5	0.268	0.830	6.316	16th Jul 2020	18:00	
29	Marshaghai	Marshaghai	2x20=40	18.312	14.239	19.996	31th Jul 2020	22:00	
30	Mendhasal	Mendhasal(220/33)	2x20=40	2.228	1.701	2.360	2nd Jul 2020	22:45	
31	Meramundali	BSL-TATA Fdr-1&2	220 kV	74.960	22.854	86.960	23th Jul 2020	13:15	
		BRG Feeder	132kV	0.360	0.432	1.640	17th Jul 2020	11:45	
		JSPL Feeder-1&2	400 kV	0.000	0.113	18.188	1st Jul 2020	07:00	
		RUNGTA Feeder	132kV	0.200	0.132	0.280	3rd Jul 2020	18:45	
32	Narsinghpur	Narsinghpur(220/33)	1x40=40	5.292	3.892	8.196	30th Jul 2020	12:15	
33	Navagarh	Navagarh (220/33)	2x40+1x20=100	59.170	42.757	60.963	20th Jul 2020	22:30	
34	Nimapara	Nimapara	3x40=120	48.576	41.002	53.669	30th Jul 2020	20:45	
35	Nuapatana	Nuapatana	1x40+1x20+1x12.5=72	30.660	26.862	38.290	3rd Jul 2020	09:30	
36	Olaver	Olaver	2x12.5=25	8.220	6.690	9.692	10th Jul 2020	22:00	
37	Pandiabil PG	PGCIL Stn. Tertiary		0.000	0.000	0.000	1st Jul 2020	00:00	
38	Paradeep	Essar Steel Fdr-1&2	220kV	1.213	1.199	26.200	10th Jul 2020	10:45	
		IFFCO Fder-1&2	132kV	6.600	3.948	9.480	7th Jul 2020	21:15	
		IOCL Feeder	220kV	0.375	0.387	0.638	21th Jul 2020	18:30	
		PPL Fder-1&2	132kV	12.040	8.351	13.360	24th Jul 2020	21:00	
		PPT Fder-1&2	132kV	12.400	10.999	17.240	11th Jul 2020	20:00	
		Paradeep	3x20=60	19.568	17.224	23.175	27th Jul 2020	19:30	
39	Pattamundai	Pattamundai	2x20+1x12.5=52.5	28.258	22.933	31.220	10th Jul 2020	22:00	
40	Phulnakhara	Phulnakhara	1x40+2x20=80	32.003	26.329	34.774	31th Jul 2020	22:15	
41	Puri	Puri	3x40=120	34.999	26.748	39.493	31th Jul 2020	15:00	
42	Ranasinghpur	Ranasinghpur	3x63=189	89.929	63.245	93.305	3rd Jul 2020	22:45	
43	Rengali PG	PGCIL Stn. Tertiary		0.000	0.000	0.000	1st Jul 2020	00:00	
44	Rengali S/W	Rengali S/W (220/33)	2x20=40	16.404	11.369	18.796	1st Jul 2020	21:30	
45	Salipur	OCL Feeder	132kV	1.941	5.757	9.566	4th Jul 2020	21:15	
		Salipur	3x20=60	31.289	24.479	32.471	2nd Jul 2020	15:30	
46	Samangara	Samangara	2x20=40	5.836	7.940	17.848	21th Jul 2020	23:00	
47	Shamuka	Shamuka	2x31.5=63	21.000	14.128	21.400	2nd Jul 2020	22:45	
48	Tirtol	Tirtol	2x40=80	11.720	9.010	12.600	8th Jul 2020	22:15	
49	TS Alloys S/W	RAWMET Feeder	132kV	22.269	22.083	24.369	1st Jul 2020	07:45	
50	Unit-8 GIS	Unit-8 GIS	1x40=40	18.520	12.238	21.160	2nd Jul 2020	15:00	
		Balugaon	Khallikote Feeder	33kV	-11.592	-12.415	-17.404	31th Jul 2020	19:30
		Chandikhol	Badachana Feeder	33kV	13.938	12.913	17.850	16th Jul 2020	11:00
		Rairakhol	Bamur Feeder	33kV	2.832	2.340	3.976	27th Jul 2020	19:15
		Rengali	BUDHAPAL Feeder	33kV	-1.700	-0.980	-1.996	26th Jul 2020	19:30
		Barkote	Pallhara Feeder	33kV	0.000	1.196	7.391	27th Jul 2020	14:30
		Chandaka	S.N. Mohanty(Solar)	11kV	0.000	0.107	0.670	14th Jul 2020	11:30
		Chandpur	MGM SOLAR	11kV	0.000	0.108	0.703	4th Jul 2020	12:00
		Chandpur	VIVACITY Solar	11kV	0.000	0.106	0.571	25th Jul 2020	11:30
		CESU TOTAL ENERGY (MU)		1,479.9706	823.7596	1,846.7147			

ENERGY DRAWAL OF WESCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF JULY'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	Arvan Ispat Feeder	132 kV	0.259	0.161	2.022	31th Jul 2020	23:15
		Arvan-Viraj	132 kV	0.156	0.145	0.506	6th Jul 2020	08:15
2	Bamra	Bamra Traction	132 kV	1.400	5.333	14.960	26th Jul 2020	00:15
3	Barapalli	Dunguripali Tr.	132kV	3.200	2.563	10.120	11th Jul 2020	02:30
		Barapalli	1x40+1x20=60	36.244	29.270	45.584	21th Jul 2020	08:45
4	Bargarh	ACC Feeder-1&2	132kV	0.480	0.626	3.360	31th Jul 2020	06:15
		Bargarh	3x40=120	63.569	55.242	92.360	4th Jul 2020	16:30
5	Bargarh (New)	Bargarh (New)	1x12.5=12.5	0.036	0.021	0.072	30th Jul 2020	12:00
6	Barkote	Barkote (220/33)	2x40=80	13.836	10.547	18.919	27th Jul 2020	14:30
7	Bhalulata	Bhalulata Traction	132 kV	1.680	3.009	16.120	23th Jul 2020	20:00
8	Bhawanipatna	Bhawanipatna	2x12.5=25	14.681	11.193	16.428	21th Jul 2020	21:00
9	Bolangir PG	415V side Tertiary		0.050	0.056	0.050	1st Jul 2020	00:00
10	Bolangir	Bolangir	3x40=120	49.994	36.752	58.805	31th Jul 2020	16:30
11	Bolangir (New)	Bolangir (New)	1x40+1x12.5=52.5	0.320	1.110	13.000	6th Jul 2020	08:15
12	Bonai	Bonai(220/33)	2x20=40	13.360	9.826	14.272	2nd Jul 2020	19:45
13	Brajarainagar	Brajarainagar	1x40+3x20=100	34.972	27.002	39.253	31th Jul 2020	20:00
14	Budhipadar	AAL Feeder-1&2	220 kV	0.000	0.670	38.440	5th Jul 2020	09:45
		Basundhara Fder	220 kV	2.344	1.992	3.156	28th Jul 2020	11:45
		BPSL Fedr-1&2	220 kV	98.250	17.519	98.250	18th Jul 2020	19:45
		MCL Fder-1&2	132 kV	20.084	15.738	22.097	29th Jul 2020	19:45
		MSP Feeder	132 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		SPS(CONCAST) Fdr	220 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Budhipadar	1x20+1x12.5=32.5	8.016	6.166	12.631	27th Jul 2020	16:15
		Vedanta Ltd	220 kV	0.000	0.000	0.000	1st Jul 2020	00:00
15	Burla P.H.	Island & Incomer	11 kV	0.000	0.000	0.027	05th Jul 2020	04:30
16	Chandiposh	Chandiposh Trac	220 kV	9.040	4.125	13.120	15th Jul 2020	16:45
17	Chend	Adhunik Metallic Fdr.	132 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Nuagaon Trac.	132 kV	2.360	1.279	10.000	22th Jul 2020	16:45
		Sri Ganesh Metallics	132 kV	2.275	1.418	3.806	24th Jul 2020	02:30
		Chend	3x40=120	64.344	52.934	71.069	4th Jul 2020	23:00
18	Chipilima P.H.	Chipilima P.H.	1x20+1x12.5=32.5	15.948	17.382	24.368	4th Jul 2020	19:15
19	Ghens	Ghens	1x40=40	16.920	10.290	24.200	15th Jul 2020	09:00
20	Javapatna	Megalift Feeder-I & II	132 kV	0.040	0.790	7.000	6th Jul 2020	11:15
21	Jharsuguda	Jharsugda Trac.	132 kV	10.356	11.276	21.869	6th Jul 2020	06:30
		Jharsuguda	2x40=80	23.040	18.481	25.320	3rd Jul 2020	22:45
		Ultratech Feeder	132kV	7.012	9.462	12.580	11th Jul 2020	23:15
22	Junagarah	Junagarah	3x20=60	28.968	21.823	34.140	31th Jul 2020	21:30
23	Kalunga	Kalunga	2x40=80	47.200	42.141	51.120	31th Jul 2020	11:00
		Mahavir Ferro CGP	33 kV	0.000	0.000	0.000	1st Jul 2020	00:00
24	Kantabanji	Kantabanji Trac.	132 kV	0.480	1.660	8.760	2nd Jul 2020	22:30
		Kantabanji	2x40=80	8.880	7.752	13.600	5th Jul 2020	17:00
	Katapali	HINDALCO Fdr-1&2	220 kV	0.480	2.041	20.800	2nd Jul 2020	16:15
		Katapali	1x40+2x20=80	42.281	30.233	43.091	9th Jul 2020	18:00
26	Kesinga	POWMEX Fdr	132 kV	0.103	0.185	0.816	7th Jul 2020	10:15
		Kesinga Traction	132 kV	3.160	2.331	12.680	18th Jul 2020	11:15
		Kesinga	1x40+2x20=80	30.318	29.406	45.157	27th Jul 2020	19:00
27	Khariar	Khariar	2x40=80	32.480	24.638	34.040	31th Jul 2020	18:45
28	Kuchinda	Kuchinda	2x20=40	18.069	12.186	21.838	30th Jul 2020	20:15
29	Lapanga	Rengali Traction	132KV	5.960	4.124	13.960	31th Jul 2020	04:45
		Lapanga	1x20=20	9.208	7.555	10.316	25th Jul 2020	19:15
30	Nuapada	Nuapada Trac.	132 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Nuapada	2x20=40	10.316	8.848	14.104	29th Jul 2020	22:00
31	OPGC S/W Stn.	BGR Energy Ltd. Fdr	33 kV	0.000	0.000	0.000	1st Jul 2020	00:00
32	Padampur	Padampur	1x40+2x20=80	22.600	18.092	31.584	31th Jul 2020	09:00
33	Patnagarh	Patnagarh	1x40+2x20=80	22.406	16.513	28.967	31th Jul 2020	17:45
34	Rairakhol	Rairakhol Trac.	132kV	4.000	1.518	9.920	4th Jul 2020	15:30
		Rairakhol	3x12.5=37.5	10.512	6.613	11.036	27th Jul 2020	19:15
35	Rajgangpur	OCL Feeder	132kV	0.000	1.276	27.680	7th Jul 2020	01:30
		OISL Feeder	132kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Rajgangpur Trac-1&2	132 kV	2.080	2.808	7.200	22th Jul 2020	19:45
		Rajgangpur	3x40=120	65.480	54.047	71.600	10th Jul 2020	11:00
36	Rourkela PG	PG Tertiary		0.000	0.000	0.000	1st Jul 2020	00:00
37	Rourkela	Rourkela Trac Tfr	1x12.5=12.5	7.720	5.418	10.200	2nd Jul 2020	07:00
		Rourkela	1x40+3x35=145	49.360	43.124	54.800	3rd Jul 2020	16:00
38	Saintala	ORDNANCE Feeder	132 kV	1.560	1.709	4.080	27th Jul 2020	10:00
39	Sambalpur	Sambalpur	1x40+2x31.5=103	68.760	54.376	73.120	3rd Jul 2020	17:00
		Shyam DRI Feeder	132 kV	0.000	2.723	6.694	18th Jul 2020	01:30
40	SMC S/W	SMC Power	132kV	12.131	10.586	16.281	20th Jul 2020	20:45
41	Sonepur	Sonepur	2x40+1x20=100	47.765	34.129	54.482	30th Jul 2020	20:30
42	Sundargarah PG	PG TERTIARY	33 kV	0.000	0.000	0.000	1st Jul 2020	00:00
43	Sundargarah	Sundargarah	1x40+2x20=80	29.941	20.417	31.710	4th Jul 2020	21:15
44	Tarkera	RSP Feeder-1&2	220 kV	94.906	90.702	135.750	24th Jul 2020	08:00
		RSP Feeder-3&4	220 kV	0.000	0.998	5.600	1st Jul 2020	11:45
45	Tusura	Tusura	1x40+1x20=60	14.648	12.290	23.816	31th Jul 2020	10:15
46	VAL Laniigarh	Vedanta AL fder-1&2	132 kV	0.000	0.059	4.000	28th Jul 2020	08:45
47	Vedanda S/W	Vedanta SEZ	400 kV	357.849	113.627	380.864	21st Jul 2020	00:15

	Barkote	Pallhara Feeder	33kV	0.000	-1.132	-7.391	27th Jul 2020	14:30
	Joda	Joda-Tensa Feeder	33 kV	7.792	5.820	10.852	30th Jul 2020	19:45
	Rairakhol	Bamur Feeder	33 kV	-3.680	-2.317	-3.976	27th Jul 2020	19:15
	Rengali	BUDHAPAL Feeder	33kV	1.600	0.962	1.996	26th Jul 2020	19:30
	Sonepur	Manamunda Feeder	33 kV	-12.112	-8.259	-14.044	30th Jul 2020	21:00
	Tentulikhunti	Mukhiguda Fdr	33KV	1.692	1.546	2.668	31th Jul 2020	11:30
	ACME SOLAR	ACME SOLAR	132 kV	0.060	0.030	0.100	8th Jul 2020	18:00
	Bamra	Joy Iron Steel (Solar)	11 kV	0.000	0.073	0.416	8th Jul 2020	10:45
	Barkote	Molisati Solar	11 kV	0.000	0.083	0.472	16th Jul 2020	12:45
	Kesinga	SADIPALI Solar	33kV	0.000	4.164	20.560	17th Jul 2020	11:30
	Kesinga	Vento Power Solar -1	132 kV	0.080	0.041	0.160	22th Jul 2020	18:15
	Kesinga	Vento Power Solar -2	132 kV	0.080	0.024	0.080	2nd Jul 2020	05:30
	Bonei	Mahavir Solar	33 kV	0.000	0.099	0.627	20th Jul 2020	12:15
	Padampur	Dakshin UPL solar	132kV	0.080	0.040	0.160	16th Jul 2020	18:45
	Patnagarh	ALEX Solar Pvt. Ltd.	33 kV	0.000	0.000	0.000	1st Jul 2020	00:00
	Patnagarh	JYOTI Solar	33 kV	0.000	1.779	9.468	31th Jul 2020	12:00
	Bolangir (New)	REHPL(Solar)	11kV	0.000	0.129	0.702	31th Jul 2020	12:00
	Saintala	BEL-OFBL Solar	132kV	0.020	0.012	0.032	1st Jul 2020	01:15
	Sonepur	GEDCOL Solar	33 kV	0.000	2.662	13.660	11th Jul 2020	13:00
	Sonepur	ABACUS Holdings	11 kV	0.000	0.160	0.903	31th Jul 2020	11:45
	Tusura	Vento Power Solar-I	132 kV	0.080	0.037	0.120	1st Jul 2020	23:15
	Tusura	Vento Power Solar-II	132 kV	0.040	0.029	0.080	1st Jul 2020	00:15
		WESCO TOTAL ENERGY (MU)		1,559.6197	1,054.3062	1,501.3529		

ENERGY DRAWAL OF NESCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF JULY'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	1.640	1.570	2.480	26th Jul 2020	22:15
2	Anandpur	Anandpur	1x20+2x12.5=45	20.239	15.442	21.909	26th Jul 2020	23:00
3	Arya Ispat S/w	ARYA Steel Fdr	132kV	6.396	6.482	8.568	13th Jul 2020	22:15
		BRPL Feeder	132kV	8.156	13.788	10.680	12th Jul 2020	23:45
		IMTCPL Fder	132kV	0.000	0.000	0.000	1st Jul 2020	00:00
4	Balasore	BIRLA Tyre Fder	132kV	0.476	2.200	7.700	25th Jul 2020	18:45
		ISPAT Feeder	132kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Balasore Traction	132kV	5.320	4.349	12.280	30th Jul 2020	14:15
		Balasore	2x63+1x40=166	72.973	68.178	88.114	4th Jul 2020	22:30
5	Bangiriposi	Bangiriposi	2x12.5=25	11.732	9.582	13.892	31th Jul 2020	21:00
6	Barbil	Barbil	2x12.5=25	11.153	8.792	12.169	3rd Jul 2020	19:30
7	Baripada PG	Baripada PG Stn.		0.094	0.105	0.094	1st Jul 2020	00:00
8	Baripada	Baripada	3x40=120	31.831	27.976	40.528	26th Jul 2020	22:30
9	Basta	Basta	2x20+1x12.5=52.5	18.050	18.706	30.696	31th Jul 2020	21:45
10	BC Mohanty S/w	Bamnipal(New) Fdr	132kV	16.960	16.092	22.640	24th Jul 2020	13:15
		BC Mohantv fdr	132 kV	4.032	2.515	4.644	22th Jul 2020	04:00
		TOMKA Traction	132kV	2.840	2.244	12.200	4th Jul 2020	19:00
		Betanati	1x20=20	10.356	8.903	13.004	31th Jul 2020	21:45
12	Bhadrak	Dhamra Port (Trac.)	132 kV	4.888	2.863	7.525	1st Jul 2020	22:00
		Dhamra Port Fder	132 kV	7.613	5.912	12.794	23th Jul 2020	21:30
		FACOR Feeder	132kV	0.000	0.071	15.200	2nd Jul 2020	02:15
		FACOR Power	132kV	0.000	0.071	3.360	26th Jul 2020	11:45
		Bhadrak Traction	132 kV	7.040	5.010	12.120	6th Jul 2020	12:15
		Bhadrak	2x63+1x40=166	77.160	60.059	96.240	4th Jul 2020	23:00
13	Bhograi	Bhograi	2x40=80	12.960	10.305	16.480	31th Jul 2020	20:45
14	Bolani	Bolani(132/11)	2x10=20	1.884	2.287	4.112	14th Jul 2020	10:15
15	BRPL S/w	BRPL Feeder	132kV	8.156	13.788	17.731	8th Jul 2020	18:30
		Mesco Feeder	132kV	0.000	0.001	0.031	19th Jul 2020	14:30
16	Chandabali GIS	Chandabali GIS	1x40=40	0.000	6.485	11.320	27th Jul 2020	19:15
17	Chandikhol	Chandikhol	3x20=60	36.685	30.070	41.981	21th Jul 2020	19:30
18	Dhenkikote	Dhenkikote	1x20=20	4.972	3.290	5.244	26th Jul 2020	21:45
19	Duburi	Jakhapura Traction	132 kV	12.000	7.374	16.000	2nd Jul 2020	13:00
		JFAL Feeder	132 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Mishrilal Feeder	132 kV	6.494	6.623	7.231	3rd Jul 2020	02:30
		NINL Feeder	220 kV	1.588	1.386	1.775	1st Jul 2020	13:15
		Duburi(220/33)	2x40=80	19.731	16.305	23.351	27th Jul 2020	19:00
		Emami Feeder	220 kV	10.280	3.233	11.120	24th Jul 2020	18:45
20	Duburi-New	Jindal Stainless-1&2	220 kV	77.880	11.242	84.640	1st Jul 2020	00:45
		Maithan Feeder	220 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Rohit Ferrotech	220 kV	24.200	21.119	30.120	22th Jul 2020	14:45
		TATA Steel Fdr-1&2	220 kV	5.960	6.560	176.400	26th Jul 2020	13:45
		VISA Steel	220 kV	0.080	0.043	4.040	3rd Jul 2020	09:45
		Jaganath Steel Fdr	132kV	0.019	0.416	8.028	21th Jul 2020	21:15
		Jaipur Road	3x40=120	43.960	34.791	47.320	2nd Jul 2020	19:30
		Yazdani CGP Feeder	33 kV	0.159	0.121	1.160	31th Jul 2020	16:45
22	Jaipur Town	Jaipur Town	2x40+1x20=100	46.107	37.146	49.808	27th Jul 2020	11:45
23	Jaleswar	Jaleswar Trac.	132 kV	1.080	4.208	14.840	28th Jul 2020	11:00
		Jaleswar	2x31.5+1x12.5=75.5	22.384	21.731	35.112	31th Jul 2020	21:30
24	Joda	Bansapani Trac.	132 kV	6.006	6.578	16.056	14th Jul 2020	19:30
		FAP Feeder	132kV	15.253	15.056	15.978	16th Jul 2020	13:30
		JSPL Trf	2x50+1x20=120	56.790	47.256	61.928	14th Jul 2020	16:30
		TATA STEEL	220kV	5.960	6.560	8.760	17th Jul 2020	18:45
		TATA Steel Long	220 kV	0.000	0.000	0.040	1st Jul 2020	13:15
		Joda	1x40+3x20=100	17.872	14.644	22.495	27th Jul 2020	19:15
25	JSW Cement S/W	Sarada Ind (220/33)	1x15=15	7.120	5.167	8.480	24th Jul 2020	21:15
		JSW Cement Fdr	132kV	3.200	2.340	6.080	24th Jul 2020	02:15
26	Karanjia	Karanjia	1x20+2x12.5=45	13.406	12.289	19.103	26th Jul 2020	20:30
27	Keonjhar GIS	Keonjhar GIS	2x20=40	11.812	8.178	21.008	3rd Jul 2020	22:15
28	Keonjhar PG	PGCIL Stn. Tertiary		0.018	0.198	0.018	1st Jul 2020	00:00
29	Nalda	Nalda Traction	132 kV	2.200	2.345	13.800	18th Jul 2020	18:15
30	Polasponga	ESIL Feeder	132 kV	9.294	11.611	22.431	9th Jul 2020	00:00
		MSP Feeder	132 kV	12.868	10.834	13.480	2nd Jul 2020	04:30
		OSISL CGP Feeder	33 kV	0.000	0.000	0.004	12th Jul 2020	09:15
		Patnaik Steel CGP	33 kV	0.000	0.000	0.000	1st Jul 2020	00:00
		Palasponga Trac.	132 kV	9.969	6.078	19.169	19th Jul 2020	13:00
		Polasponga	1x40+2x20=80	28.208	20.640	29.992	1st Jul 2020	22:45
		Rairangpur	2x20+1x12.5=52.5	21.609	15.383	23.850	17th Jul 2020	20:30
32	Somnathpur	IMAMI Feeder	132 kV	0.019	0.725	6.409	28th Jul 2020	14:30
		Stork Feeder	132 kV	7.988	6.517	10.069	15th Jul 2020	01:00
		Somnathpur	2x12.5=25	2.728	3.188	4.088	17th Jul 2020	15:45
33	Soro	Soro	1x40+2x20=80	54.029	38.571	55.665	31th Jul 2020	22:00
34	Udala	Udala	1x40=40	14.040	9.954	15.640	26th Jul 2020	21:45
	Chandikhol	Badachana Fder	33kV	-14.663	-12.913	-17.850	16th Jul 2020	11:00
	Joda	Joda-Tensa Fdr	33 kV	-6.748	-5.850	-10.852	30th Jul 2020	19:45
		NESCO TOTAL ENERGY (MU)		934.5043	536.2426	1422.5206		

ENERGY DRAWAL OF SOUTHCO CONTROL AREA GRID SUBSTATIONS FOR THE MONTH OF JULY'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	12.055	9.552	13.329	20th Jul 2020	20:45
2	Aska	Aska	4x40=160	54.480	41.173	58.760	17th Jul 2020	06:30
		Aska New(220V/33)	1x40=40			11.680	21th Jul 2020	19:15
3	Balimela	Balimela (220/33)	1x40+1x20=60	10.784	8.807	13.096	27th Jul 2020	19:45
4	Berhampur	Berhampur	2x40+1x20=100	42.938	40.408	57.406	3rd Jul 2020	13:30
5	Bhanjanagar	Bhanjanagar	2x40+1x16=96	30.908	24.081	31.584	31th Jul 2020	19:45
6	Boudh	Boudh	2x20=40	9.728	4.647	10.600	27th Jul 2020	21:15
7	Chatrapur	IRE Feeder-I&2	132kV	7.216	6.354	9.306	14th Jul 2020	17:00
		Rambha Traction	132 kV	4.280	3.161	10.280	8th Jul 2020	14:15
		Chatrapur	3x20=60	21.530	16.881	26.407	30th Jul 2020	07:45
8	Chikiti	Chikiti	1x40=40	9.360	8.332	11.280	3rd Jul 2020	22:00
9	Dabugaon	Dabugaon	2x12.5=25	11.512	7.628	13.260	1st Jul 2020	06:30
10	Digapahandi	Digapahandi	2x20+1x12.5=52.5	24.297	20.071	33.347	20th Jul 2020	07:45
11	Ganjam	GRASIM Ind. Ltd.	132kV	14.963	12.986	15.294	1st Jul 2020	14:30
		Ganjam	2x12.5=25	7.428	5.472	16.748	3rd Jul 2020	07:00
12	Jaypur PG	Jaypur PG Ter.	28KV	0.075	0.083	0.075	1st Jul 2020	00:00
13	Jayanagar	Jaypur Trac.	132 kV	7.880	7.992	29.040	30th Jul 2020	05:45
		Jayanagar	2x20+1x12.5=52.5	26.601	21.261	31.059	26th Jul 2020	19:30
14	Laxmipur	Laxmipur	1x20=20	7.288	5.009	8.828	27th Jul 2020	07:00
		Utkal Alumina Fdr-I&II	220kV	0.080	0.116	0.960	5th Jul 2020	14:30
15	Malkangiri	Malkangiri (220/33)	2x40=80	12.800	10.395	16.440	26th Jul 2020	19:45
16	Meenakshi s/w	Megalift Feeder	33kV	0.004	0.035	0.440	7th Jul 2020	10:45
17	Mohana	Mohana	2x12.5=25	6.356	4.440	7.220	26th Jul 2020	19:15
18	Muniguda	Bissam-Cuttack Tr	132 kV	0.360	2.815	15.000	12th Jul 2020	22:30
19	Narendrapur	TATA Feeder-I&II	220 KV					
		Narendrapur Trac	132 kV	4.840	3.312	11.000	19th Jul 2020	01:15
		Narendrapur	3x40+1x20=140	28.024	25.605	38.296	2nd Jul 2020	22:45
20	Paralakhemendi	Paralakhemendi	3x12.5=37.5	12.396	11.729	19.660	11th Jul 2020	21:30
21	Phulbani	Phulbani	2x40+1x12.5=92.5	24.144	17.196	26.076	27th Jul 2020	20:00
22	Podagada	Podagada	1x12.5=12.5	1.904	1.225	2.600	29th Jul 2020	19:00
23	Potangi	Potangi	1x40=40	2.740	1.719	4.808	28th Jul 2020	19:00
24	Purushottampur	Purushottampur	1x20+2x12.5=45	15.565	12.953	22.375	27th Jul 2020	06:45
25	Rayagada	Rayagada Trac.	132 kV	1.760	2.444	19.800	30th Jul 2020	08:30
		Rayagada	2x12.5=25	7.372	6.427	14.676	20th Jul 2020	22:15
26	Sunabeda	HAL Feeder	132kV	9.732	6.052	12.160	24th Jul 2020	10:00
		Sunabeda	1x20+2x12.5=45	21.132	14.489	23.120	27th Jul 2020	07:30
27	Tentulikhunti	Tentulikhunti	3x20=60	13.917	10.398	16.931	1st Jul 2020	18:15
28	Therubali	JK Feeder	132kV	0.000	0.002	0.708	17th Jul 2020	16:00
		Therubali	2x12.5=25	12.156	9.003	12.892	2nd Jul 2020	19:45
29	Umerkote	Umerkote	2x20=40	18.084	12.764	20.092	30th Jul 2020	20:45
	Balugaon	Khallikote Feeder	33kV	17.404	12.415	17.404	31th Jul 2020	19:30
	Sonepur	Manamunda Feeder	33kV	12.824	8.388	14.044	30th Jul 2020	21:00
	Tentulikhunti	Mukhiguda Fdr	33KV	-2.252	-1.573	-2.668	31th Jul 2020	11:30
	Tentulikhunti	Vento Energy Solar	132 kV	0.080	0.032	0.120	3rd Jul 2020	17:30
30	Boudh	Aditya Birla Solar-I	33kV	0.000	0.000	24.874	18th Jul 2020	12:15
		SOUTHCO TOTAL ENERGY (MU)		524.7428	299.7228	740.4055		

AUTO TRANSFORMER LOADING FOR THE MONTH OF JULY'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	67.84	31st Jul 2020	00:00	0.24	30th Jul 2020	17:45	
ASKA NEW	2x160	74.80	28th Jul 2020	12:45	0.24	30th Jul 2020	17:45	
		43.24	21st Jul 2020	19:15	2.08	22nd Jul 2020	19:00	
		42.92	21st Jul 2020	19:15	2.08	22nd Jul 2020	19:00	
BALASORE 220/132 KV { Balasore, Birla Tyre(I), Ispat Alloy(I), Jaleswar, Jaleswar(T)}	3x160	73.80	26th Jul 2020	21:00	18.12	10th Jul 2020	17:30	
		73.56	26th Jul 2020	21:00	17.84	10th Jul 2020	17:30	
		72.80	26th Jul 2020	20:00	18.16	10th Jul 2020	16:30	
BARGARH 220/132 kV	1x100	25.92	27th Jul 2020	16:30	0.36	7th Jul 2020	21:00	
	1x160	15.04	27th Jul 2020	16:30	0.04	28th Jul 2020	12:15	
BHADRAK 220/132 KV {Bargarh, Ghensh}	1x100	46.52	7th Jul 2020	03:30	1.84	4th Jul 2020	08:15	
	1x160	62.56	4th Jul 2020	22:30	3.84	4th Jul 2020	08:15	
	1x160	82.96	7th Jul 2020	03:30	3.96	4th Jul 2020	08:15	
	1x160	47.20	10th Jul 2020	09:15	6.64	27th Jul 2020	12:30	
BHANJANAGAR 220/132 KV { Bhanjanagar, Aska, Phulbani, Ganjam, Chatrapur}	1x160	44.40	8th Jul 2020	10:15	6.20	27th Jul 2020	12:30	
	1x100	23.96	30th Jul 2020	11:30	0.04	9th Jul 2020	13:15	
BIDANASI 220/132 KV {Bidanasi, Khurda }	1x100	22.16	3rd Jul 2020	13:30	0.04	6th Jul 2020	08:00	
	1x160	34.12	30th Jul 2020	11:30	0.04	5th Jul 2020	17:45	
BOLANGIR (SADAIPALLI) 220/132 KV { Bolangir, Patnagarh, Sonepur, Saintala, Khariar, Barpalli }	2x160	132.48	25th Jul 2020	19:15	20.16	1st Jul 2020	13:15	
		132.48	25th Jul 2020	19:15	20.16	1st Jul 2020	13:15	
		133.84	24th Jul 2020	19:15	21.40	1st Jul 2020	13:15	
BUDHIPADAR 220/132 KV { Jharsuguda, Jharsuguda Tr, Cemco(I), MCL, Sundergarh, Brajarajnagar, Rajgangpur}	2x160	93.12	16th Jul 2020	16:15	26.96	22nd Jul 2020	20:15	
		111.00	16th Jul 2020	12:30	26.76	22nd Jul 2020	20:15	
CHANDAKA 220/132 KV { Chandaka, Bhubaneswar, Nimapada, Ransinghpur, Puri,Kesura, Kaipadar Tr. }	1x100	57.32	29th Jul 2020	22:45	27.12	12th Jul 2020	18:45	
	1x160	137.96	3rd Jul 2020	15:00	47.52	12th Jul 2020	18:45	
	1x100	86.36	3rd Jul 2020	14:45	29.52	12th Jul 2020	18:45	
	1x160	96.16	29th Jul 2020	22:45	45.60	12th Jul 2020	18:45	
CUTTACK	1x160	74.40	3rd Jul 2020	12:00	11.88	27th Jul 2020	19:15	
	1x100	72.88	2nd Jul 2020	14:15	7.48	27th Jul 2020	19:15	
DUBURI 220/132 KV {Duburi, Bamnipal(I), BRPL, MESCO, Jajpur Road, Kalarangi, Jajpur Town}	1x160	74.12	8th Jul 2020	10:45	0.04	7th Jul 2020	02:00	
	1x100			UNDER SHUT DOWN				
	1x100	44.76	8th Jul 2020	10:45	0.04	1st Jul 2020	19:30	
GODA	1x160	0.00	0.00	00:00	0.00	0.00	00:00	
	1x100	0.00	0.00	00:00	0.00	0.00	00:00	
JAYAPATNA	1x160							
JAYANAGAR 220/132 KV. {Damanjodi(NALCO), Traction S/Ss, Tentulikhunti, Sunabeda, Jayanagar}	1x160	48.44	3rd Jul 2020	19:30	0.08	14th Jul 2020	15:00	
	1x160	48.20	30th Jul 2020	20:30	0.08	14th Jul 2020	15:00	
JODA 220/132 KV { Joda,Tensa, FAP(I), Bolani(I), Nalda Tr.,Polasponga, *Rairangpur, Bhalulata traction}	1x100	77.28	18th Jul 2020	12:30	30.36	13th Jul 2020	22:45	*** - Alternate P/S from Kucheil
	1x160	3.08	9th Jul 2020	10:45	0.00	1st Jul 2020	00:00	
	1x100	77.28	18th Jul 2020	12:30	30.40	13th Jul 2020	22:45	
KATAPALI 220/132 KV {Chipilima,Bargarh, ACC,Sonepur & Katapali area load.}	1x100	46.36	16th Jul 2020	16:15	0.04	5th Jul 2020	13:45	Supported by Burla & Chipilima power.
	1x100	46.16	16th Jul 2020	16:15	0.04	5th Jul 2020	01:30	
	1x160	69.44	16th Jul 2020	16:15	0.04	5th Jul 2020	13:45	
LAPANGA {Kuchinda, Aryan Viraj, Shyam Metallics}	2x160	67.04	31st Jul 2020	00:00	21.56	24th Jul 2020	14:00	
		66.92	31st Jul 2020	00:00	21.48	24th Jul 2020	14:00	
MERAMUNDALI 220/132 kV {Meramundali Traction, Dhenkanal, Navchrome(I), Hind Metal, Aarti,BRG}	3x100	48.40	9th Jul 2020	15:15	0.04	26th Jul 2020	12:30	
		40.92	10th Jul 2020	23:15	0.04	26th Jul 2020	12:30	
		45.92	9th Jul 2020	15:45	0.56	26th Jul 2020	12:30	
Mendhasal { Part area load of Khurda S/S}	2x100	51.59	9th Jul 2020	11:45	13.71	18th Jul 2020	08:30	
		52.03	15th Jul 2020	12:00	12.98	18th Jul 2020	08:30	
NARENDRAPUR 220/132KV { Narendrapur, NarendrapurTr, Berhampur, Chhatrapur, Ganjam, Balugaon, Digapahandi, Mohana.}	2x160	97.44	29th Jul 2020	22:30	37.24	8th Jul 2020	18:00	
		113.68	17th Jul 2020	10:45	36.36	8th Jul 2020	18:00	
	1x100	65.24	17th Jul 2020	10:45	20.88	8th Jul 2020	18:00	
	1x100	59.72	2nd Jul 2020	21:45	23.28	12th Jul 2020	18:30	
PARDEEP 220/132 KV { Paradeep, Kendrapada, Pattamundai, Chandikhol, Cuttack, Jagatsinghpur, Phulnakhara}	1x160	116.48	25th Jul 2020	22:30	38.04	12th Jul 2020	18:45	
		115.08	25th Jul 2020	22:30	35.44	12th Jul 2020	18:30	
TARKERA 220/132 KV [Rourkela, Rourkela Tr.,RSP(I), Chhend , Adhunik Metal, Rajgangpur, OCL(I), Rajgangpur Tr.]	4x100	56.16	22nd Jul 2020	20:00	9.32	3rd Jul 2020	19:00	
		60.32	9th Jul 2020	11:30	10.68	3rd Jul 2020	19:00	
		56.08	9th Jul 2020	11:30	9.12	3rd Jul 2020	19:00	
		57.12	9th Jul 2020	11:30	9.60	3rd Jul 2020	19:00	
THERUVALLI 220/132 KV. {Theruvalli, IMFAL(I), JK(I), Junagarh, Kesinga,Powmex(I), Rayagada, }	2x100	46.68	21st Jul 2020	20:45	10.08	3rd Jul 2020	11:00	Rayagada & Paralakhemundi can be fed from Machkund.
		48.96	21st Jul 2020	20:45	9.92	3rd Jul 2020	11:00	
	1x160	75.68	8th Jul 2020	14:45	0.00	10th Jul 2020	02:15	
TTPS 220/132 KV {Chainpal, FCI (I), Angul, MCL Nandira(I), Rairakhole, Boinda, Kamakhyanagar, Kalarangi, Nuapatna, Choudwar}	1x160	75.68	8th Jul 2020	14:45	0.00	10th Jul 2020	02:15	
	1x160							
SAMANGARA { Puri, Nimapara & Konark}	2x160							

STATEMENT OF UFR OPERATION IN GRIDCO SYSTEM DURING THE MONTH OF JULY-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 JULY - 2020		
Sl. No	Date	Details of event
1	17.07.20	At 14:28 Hrs, 132/33 kV Global Grid S/S is charged by LILO arrangement in existing 132 kV Chainpal FCI ckt-I. At 16:07 Hrs, 20 MVA, 132/33 kV Power Transformer charged at Global Grid S/S.