



सत्यमेव जयते

Government of India

विद्युतमंत्रालय

Ministry of Power

पूर्वी क्षेत्रीय विद्युत समिति

EASTERN REGIONAL POWER COMMITTEE

मासिक प्रगति रिपोर्ट

PROGRESS REPORT FOR THE MONTH OF

मई - 2020

May- 2020



14, गोल्फ क्लब रोड, टोलीगंज

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INDEX

Sl. No.	Contents	Page No.
1	Highlights & Salient Features	1-2
2.	Power Supply Position of Eastern Region and Constituents wise performance	3-3A
5.	Comparative study of power supply position with previous year	4
7.	Performance vis-à-vis Energy Generation from Power Stations	5-6
8.	Plant Load Factor(PLF) of Thermal Power Stations	7-8
9.	Power Scenario at the time of Regional Peak	9
10.	Hourly Load/Generation Data of region for Peak day & Lean day	10
11	Notified Power Cut, Restriction & Power Supply to Agriculture Sector	11
ANNEXURES		
I	Frequency Analysis	12
II	Voltage Analysis	13
III	Reservoir level of major hydro stations and Import from IPPs/CPPs by Constituents	14
EXHIBITS		
I	Chart: Effective Capacity & Generation Corresponding to Peak Demand Met	15
II	Chart: Net Energy Generation & Reservoir Levels recorded	16
III	Chart: Capacity & Generation pattern of the Peak Day	17
IV	Daily Regional Peak Demand Met & Shortage	18
V	Hourly Load/generation Pattern of Peak Day	19
VI	Hourly Load/generation Pattern of Lean Day	20
VII	Monthly Load Duration Curve	21
VIII	Reservoir Levels	22

Highlights of Eastern Regional Power System for May-2020

- The **Maximum Net Demand** met of Eastern Region (ER) during the month of **May, 2020** was **20166 MW** which is 11.48% less than the **May, 2019** (22781 MW). Individual **Peak Demand (MW)** most of the constituents **decreased** compared to the corresponding period of last year.
- The **Average Net Energy Consumption** per day in ER for the month of **May,2020** was **357.93 MU** excluding export, which is 20.66% less than the corresponding period of last year (451.15 MU).
- **The Average regional PLF of thermal units during the month is 53.85%**, which is 16.88% less than the corresponding period of the last year (**70.73%**).
 GRIDCO (TTPS) registered the highest **PLF** of 94.76%, followed by NTPC (TSTPP) 89.33% and DVC (**KodermaSTPS**) 82.19% during the month of **May, 2020**.
- **Maximum Net generation** was **24529 MW** against total **Effective Capacity of 39801.26 MW** (including import from Bhutan). At the time of Regional peak (**20166 MW** on 18.05.2020 at 22.00 hrs.) the generation was 23821 MW and import from CPP was 973 MW, Net export was 4628 MW.
- The system frequency in the IEGC recommended band (49.9 Hz to 50.05 Hz) remained for 76.68% of time during the month. **Average frequency** for the month was **50.00 Hz**. The instantaneous maximum and the minimum frequency touched were 50.29 Hz and 49.57 Hz respectively. The integrated (Fifteen minutes time block average) maximum and minimum frequency were **50.21 Hz** and **49.75 Hz** respectively (**refer Annexure-I**).
- The **Maximum Voltage** recorded **434 KV** at Jeerat 400 KV S/s whereas the minimum voltage recorded 386 KV at Muzaffarpur 400 KV S/s of Power grid.
- **The Maximum Export from ER to outside region was 9762 MW (including Nepal and Bangladesh) on 27th May, 2020 at 17:00 hrs. Total net energy export during the month was 3720.81 MU (Inc.Transmission loss) MU which is corresponds to 26.48 % of ex-bus total generation 14051.54 MU of Eastern Region.**
- **The import from CPPs was 764.99 MU during the month.**
- **Export(+)/Import(-) during the month:**

Region/Country	Max. Export of Power from ER (MW)	Max. Import of Power by ER (MW)	Net Export of Energy inc.Transmission loss(MU)
NR	5699	560	1918.03
WR	1116	3442	-949.66
SR	4898	0	2200.12
NER	975	802	40.37
BANGLADESH	961		503.86
NEPAL (via-CTU)	122		8.09
Total			3720.81
NEPAL by Bihar(NBPDCL)			7.25

SALIENT FEATURES

(YEAR TO YEAR COMPARISON)

		May-20	MAY-2019	CHANGE	% CHANGE
1)	Effective Capacity (end of the Month)				
	THERMAL (MW)	30240	27340	2900	10.61
	HYDRO (MW)	5877	\$ 5876	1	0
	DIESEL (MW)	0	0	0	0
	RES (MW)	1489	1336	0	0
	TOTAL (MW)	37605	34552	3053	8.84
2)	Peak Demand (MW)	20306	22830	-2524	-11.05
3)	Peak Demand Met (MW)	20166	22781	-2615	-11.48
4)	Shortage (MW)	140	49	91	185.35
5)	% Shortage	0.69	0.22	0.47	212.99
6)	Average Energy Requirement Per Day (MU)	360.37	452.8	-92.42	-20.41
7)	Average Energy Availability Per Day (MU)	357.93	451.2	-93.22	-20.66
8)	Average Shortage Per Day (MU)	2.45	1.64	0.81	49.12
9)	% Shortage	0.68	0.36	0.32	88.51
10)	Net Generation for the Month				
	Thermal (MU)	11143.75	13288.07	-2144.32	-16.14
	Hydro (MU)	2751.96	* 2419.70	332.26	13.73
	RES (MU)	155.83	53.30	0.00	-
	Total (MU)	14051.54	15761.07	-1709.53	-10.85
11)	Generation at the Time of Max. Regional Demand Met (18-05-20 at 22.00 Hrs.)				
	Thermal (MW)	18605	19483	-878	-4.51
	Hydro (MW)	5177	* 4247	930	21.89
	RES(MW)	39	34	5	14.97
	Total (MW)	23821	23764	57	0.24
12)	Inter-Regional Energy Transfer				
	Export (MU)	4670.46	4301.90	368.56	8.57
	Import (MU)	949.66	1809.75	-860.09	-47.53
	Net Exp.(+)/Net Imp.(-) (MU)	3720.81	2492.15	1228.66	49.30
13)	Import From Captive(MU)	764.99	745.73	19.26	2.58
14)	Peak Inter Regional Power Transfer				
	Max Export (MW) on 27-05-20 at 17.00Hrs	9762	8213	1549	18.87
	Max Import (MW) on 12-05-20 at 20.00Hrs	3442	4704	-1262	-26.84
	Max Net Export(+)/Import (-) (MW)	8666	6412	2254	35.15
15)	Maximum voltage recorded	434	JEERAT	400 kv s/s	
16)	Minimum voltage recorded	386	MUZAFFARPUR	400 kv s/s	

\$ Excludes 2196 MW contribution from HEPs of Bhutan

* Includes contribution from HEP of Bhutan (Chukha, Kurichhu ,Dagahhu , Tala & Mangdechhu HEP)

1.Regional and individual constituents Demand Met in MW as well as requirement Met in MU is less than the same month of last year due to locked down on account of COVID-19.

POWER SUPPLY POSITION FOR THE MONTH OF MAY'2020

A) Net Average Energy Per Day

System	Demand Met (MU/Day)	Requirement (MU/Day)	Shortage (MU/Day)	% Shortage
BSPHCL	90.11	90.34	0.24	0.26
JUVNL	24.06	24.83	0.78	3.12
DVC	45.94	45.95	0.00	0.01
ODISHA	76.63	76.64	0.01	0.01
WBSEDCL	96.54	98.19	1.65	1.68
CESC	23.08	23.08	0.00	0.01
SIKKIM	1.34	1.34	0.00	0.01
REGION	357.9	360.37	2.45	0.68

B) Peak Demand in MW:

System	Demand Met (MW)	Requirement (MW)	Shortage (MW)	% Shortage
BSPHCL	5330	5332	2	0.04
JUVNL	1396	1397	0	0.03
DVC	2462	2462	0	0.00
ODISHA	4024	4024	0	0.00
WBSEDCL	6014	6023	8	0.14
CESC	1539	1540	1	0.1
SIKKIM	88	88	0	0.00
REGION	20166	20306	140	0.69

➤ **DIVERSITY FACTOR** **1.03**

➤ **Regional Peak Demand Met on 18-5-2020 at 22.00 hrs. at 49.99 Hz.**

CONSTITUENT-WISE PERFORMANCE DATA MAY-2020

SYSTEM	Gross Generation(MU)				Auxiliary power Consumption(MU)				Net Generation (MU)				Import from Captive (MU)	Exchange Net Import(+) Net Export(-)	Energy Consumption(MU)	Per Day Cons.(MU)	Net Peak Demand (MW)	Gross Peak Demand (MW)
	HYDRO	Thermal	RES (Hy+Solar)	Total	HYDRO	Thermal	Solar	Total	HYDRO	Thermal	Solar	Total						
BSPHCL	0.00	172.84	18.46	191.30	0.00	24.16	0.00	24.16	0.00	148.68	18.46	167.13	0.00	2626.19	2793.33	90.1	5330	5372
JUVNL	0.05	197.85	0.00	197.90	0.00	24.45	0.00	24.45	0.05	173.40	0.00	173.45	36.12	536.16	745.72	24.1	1396	1423
DVC	17.33	2400.51	0.00	2417.84	0.10	166.58	0.00	166.68	17.23	2233.93	0.00	2251.17	12.02	-838.98	1424.20	45.9	2462	2767
ODISHA(OPGC+OHPC+TTPS)	623.48	1132.69	50.57	1806.74	6.70	99.69	0.00	106.39	616.78	1033.00	50.57	1700.35	647.21	27.95	2375.50	76.63	4024	4173
WBPDC+WBSEDCL+DPL	126.67	1562.68	84.45	1773.79	0.00	146.23	0.00	146.23	126.67	1416.45	84.45	1627.56	69.66	1295.58	2992.79	96.5	6014	6342
CESC	0.00	422.27	0.00	422.27	0.00	34.88	0.00	34.88	0.00	387.39	0.00	387.39	0.00	327.95	715.34	23.1	1539	1600
HEL	0.00	314.65	0.00	314.65	0.00	24.82	0.00	24.82	0.00	289.83	0.00	289.83	0.00	-289.83				
SIKKIM	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	40.63	41.63	1.3	88	88
NTPC	0.00	4289.46	1.36	4290.82	0.00	341.29	0.00	341.29	0.00	3948.17	1.36	3949.53	0.00	-3949.53				
MPL	0.00	530.75	0.00	530.75	0.00	33.61	0.00	33.61	0.00	497.14	0.00	497.14	0.00	-497.14				
APNRL	0.00	244.38	0.00	244.38	0.00	19.57	0.00	19.57	0.00	224.81	0.00	224.81	0.00	-224.81				
GMR	0.00	213.49	0.00	213.49	0.00	16.74	0.00	16.74	0.00	196.75	0.00	196.75	0.00	-196.75				
JITPL	0.00	633.43	0.00	633.43	0.00	39.22	0.00	39.22	0.00	594.21	0.00	594.21	0.00	-594.21				
NHPC (Inc TLDP= 117.17 MU)	454.57	0.00	0.00	454.57	0.00	0.00	0.00	0.00	454.57	0.00	0.00	454.57	0.00	-454.57	0.00			
CHUZACHEN HPS	40.74	0.00	0.00	40.74	0.00	0.00	0.00	0.00	40.74	0.00	0.00	40.74	0.00	-40.74	0.00			
DIKCHU HPS	36.09	0.00	0.00	36.09	0.00	0.00	0.00	0.00	36.09	0.00	0.00	36.09	0.00	-36.09	0.00			
JORHANG HPS	26.35	0.00	0.00	26.35	0.00	0.00	0.00	0.00	26.35	0.00	0.00	26.35	0.00	-26.35	0.00			
TASHIDING HPS	25.82	0.00	0.00	25.82	0.00	0.00	0.00	0.00	25.82	0.00	0.00	25.82	0.00	-25.82	0.00			
TEESTA-III HPS	594.15	0.00	0.00	594.15	0.00	0.00	0.00	0.00	594.15	0.00	0.00	594.15	0.00	-594.15	0.00			
CHPC(Birpara Receipt)	189.84	0.00	0.00	189.84	0.00	0.00	0.00	0.00	189.84	0.00	0.00	189.84	0.00	-189.84	0.00			
KHPS	35.50	0.00	0.00	35.50	0.00	0.00	0.00	0.00	35.50	0.00	0.00	35.50	0.00	-35.50	0.00			
THPS	251.43	0.00	0.00	251.43	0.00	0.00	0.00	0.00	251.43	0.00	0.00	251.43	0.00	-251.43	0.00			
DAGACHU HPS	29.47	0.00	0.00	29.47	0.00	0.00	0.00	0.00	29.47	0.00	0.00	29.47	0.00	-29.47	0.00			
Mangdechhu HEP	307.28	0.00	0.00	307.28	0.00	0.00	0.00	0.00	307.28	0.00	0.00	307.28	0.00	-307.28	0.00			
Total Drawal by HVDC Sahsaram,Alipurduar														7.21	7.21			
Total	2758.75	12115.00	155.84	15029.58	6.79	971.24	0.00	978.04	2751.95	11143.76	155.84	14051.55	764.99	-3720.81	11095.73	357.9	20166	21181

POWER SUPPLY POSITION IN EASTERN REGION DURING THE YEAR AS COMPARED TO PREVIOUS YEAR

A) Net Average Energy

Month	2019-20					2020-21				
	Demand Met	Requirement	Shortage	Shortage	Avg. Freq.	Demand Met	Requirement	Shortage	Shortage	Avg. Freq.
	(MU/Day)	(MU/Day)	(MU/Day)	(%)	(HZ)	(MU/Day)	(MU/Day)	(MU/Day)	(%)	(HZ)
APRIL	428.71	429.56	0.85	0.20	50.00	323.3	324.2	0.93	0.29	50.00
MAY	451.15	452.79	1.64	0.36	49.99	357.93	360.37	2.45	0.68	50.00
JUNE	461.72	462.87	1.15	0.25	49.99	-	-	-	-	-
JULY	450.73	451.52	0.79	0.17	50.00	-	-	-	-	-
AUGUST	460.87	462.13	1.26	0.27	49.99	-	-	-	-	-
SEPTEMBER	445.43	446.55	1.12	0.25	50.00	-	-	-	-	-
OCTOBER	391.21	391.33	0.12	0.03	50.00	-	-	-	-	-
NOVEMBER	344.02	344.15	0.12	0.04	50.00	-	-	-	-	-
DECEMBER	338.90	339.25	0.35	0.10	49.99	-	-	-	-	-
JANUARY	349.04	349.39	0.34	0.10	49.99	-	-	-	-	-
FEBRUARY	358.72	359.75	1.03	0.29	49.99	-	-	-	-	-
MARCH	338.29	338.62	0.33	0.10	50.00	-	-	-	-	-

B) Peak in MW:

Month	2019-20					2020-21				
	Demand Met	Requirement	Shortage	Shortage	Avg. Freq.	Demand Met	Requirement	Shortage	Shortage	Avg. Freq.
	(MW)	(MW)	(MW)	(%)	(HZ)	(MW)	(MW)	(MW)	(%)	(HZ)
APRIL	22378	22415	37	0.17	50.00	18093	18302	209	1.14	50.00
MAY	22781	22830	49	0.22	49.99	20166	20306	140	0.69	50.00
JUNE	22808	22867	59	0.26	49.99	-	-	-	-	-
JULY	23154	23246	92	0.40	50.00	-	-	-	-	-
AUGUST	23398	23421	22	0.10	49.99	-	-	-	-	-
SEPTEMBER	23126	23276	150	0.64	50.00	-	-	-	-	-
OCTOBER	21706	21726	20	0.09	50.00	-	-	-	-	-
NOVEMBER	19212	19291	79	0.41	50.00	-	-	-	-	-
DECEMBER	18068	18068	0	0.00	49.99	-	-	-	-	-
JANUARY	18714	18758	44	0.24	49.99	-	-	-	-	-
FEBRUARY	18962	18968	7	0.03	49.99	-	-	-	-	-
MARCH	18670	18767	98	0.52	50.00	-	-	-	-	-

PERFORMANCE OF GENERATING STATIONS IN THE EASTERN REGION DURING THE MONTH OF MAY-2020

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY (in MW)	EFFECTIVE CAPACITY (in MW)	Gross Energy Generation in MU	Net Energy Generation in MU	Cummulative Gross Energy Generation upto Current Month (2019-20) in MU	Cummulative Net Energy Generation upto Current Month (2019-20) in MU	
CESC	Thermal	Titagarh (4x60)	240.00	240.00	0.00	0.00	0.00	0.00	
		Southern (2x67.5)	135.00	135.00	0.00	0.00	0.00	0.00	
		Budge-Budge (3x250)	750.00	750.00	422.27	387.39	836.80	768.60	
		Total CESC	1125.00	1125.00	422.27	387.39	836.80	768.60	
HEL	Thermal	HEL	600.00	600.00	314.65	289.83	626.45	577.05	
		Total West Bengal	8755.79	8710.79	2510.71	2304.78	5152.17	4738.95	
ODISHA (NTPC)	Thermal	Talcher-I	250.00	240.00	174.12	154.74	339.45	301.76	
		Talcher-II	220.00	220.00	150.19	133.47	292.82	260.30	
		Total Thermal	470.00	460.00	324.31	288.21	632.27	562.06	
OPGC	Thermal	IB TPS	420.00	420.00	224.25	197.16	438.34	385.38	
		IB TPS U#3(660 MW)	660.00	660.00	270.16	253.27	546.25	510.89	
		IB TPS U#4(660 MW)	660.00	660.00	313.98	294.35	582.29	544.71	
OHPC	Hydro	Hirakud-I (Burla)	275.50	275.50	65.25	65.00	110.20	109.75	
		Hirakud-II (Chiplima)	72.00	72.00	27.09	26.99	45.81	44.74	
		Balimela (6x60+2x75)	510.00	510.00	184.06	183.39	290.55	289.78	
		Rengali (5x50)	250.00	250.00	79.69	78.60	187.29	186.09	
		Upper Kolab (4x80)	320.00	320.00	92.05	91.93	179.17	178.69	
		Indravati HPS (4x150)	600.00	600.00	151.14	146.67	354.90	345.96	
		Mckd.(Odisha drawal)	57.38	57.38	24.21	24.21	51.76	51.76	
		Total Hydro	2084.88	2084.88	623.48	616.78	1219.67	1206.76	
		RES	511.21	511.21	50.57	50.57	92.15	92.15	
		Total Odisha	4806.09	4796.09	1806.74	1700.35	3510.95	3301.95	
(**) SIKKIM	Hydro	RES	52.18	52.18	1.00	1.00	2.00	2.00	
NTPC		MTPS Stg-II	390.00	390.00	191.505	170.86	322.73	287.47	
		FSTPP# I&II (3x200+2x500)	1600.00	1600.00	542.62	494.43	1276.94	1167.80	
		FSTPP (U# 6)	500.00	500.00	252.66	231.49	510.36	469.67	
		KhSTPP (4x210+3x500)	2340.00	2340.00	1272.59	1172.00	2524.95	2327.32	
		TSTPP (2x500)	1000.00	1000.00	664.62	614.35	1266.46	1169.75	
		BARH STPS II (2X660)	1320.00	1320.00	450.11	416.87	741.43	684.43	
		BRBCL # I,2,3(3X250 MW)	750	750	302.48	277.23	583.87	533.59	
		NSTPS	660.00	660.00	351.07	331.79	749.10	708.26	
		DSTPP	800.00	800.00	261.80	239.16	651.46	600.55	
		Total NTPC	9360.00	9360.00	4289.46	3948.17	8627.31	7948.83	
NHPC	HYDRO	Rangit (3x20)	60.00	60.00	30.07	30.07	47.01	47.01	
		Teesta (3x170)	510.00	510.00	307.33	307.33	495.59	495.59	
		TLDP -(4x33+4x40)	292.00	292.00	117.17	117.17	177.08	177.08	
		Total NHPC	862.00	862.00	454.57	454.57	719.68	719.68	
		1512.91	MPL (U#1&2)	1050.00	1050.00	530.75	497.14	1054.38	988.81
		APNRL (U#1,2)	540.00	540.00	244.38	224.81	422.72	389.23	
		GMR (2x350)	700.00	700.00	213.49	196.75	434.53	403.13	
		JITPL (2X600)	1200.00	1200.00	633.43	594.21	1132.04	1060.67	
		CHUZACHEN** (2x55)	110.00	110.00	40.74	40.74	59.26	59.26	
		JORETHANG (2x48)	96.00	96.00	26.35	26.35	38.74	38.74	
TEESTA URJA St III (6x200)	1200.00	1200.00	594.15	594.15	891.46	891.46			
Tashilding (2x48.5)	97.00	97.00	25.82	25.82	37.03	37.03			
DICKCHU (2x48)	96.00	96.00	36.09	36.09	56.70	56.70			
TALCHER SOLAR	10.00	10.00	1.36	1.36	2.60	2.60			
Total Thermal (E.R)	30305.00	30240.00	12115.00	11143.75	23221.84	21362.82			
EASTERN REGIONAL	Total Hydro (E.R)	5876.58	5876.58	1945.24	1938.44	3273.55	3260.43		
	Total RES	1488.68	1488.68	155.83	155.83	314.02	314.02		
	TOTAL (E.R)	37670.26	37605.26	14216.07	13238.03	26809.40	24937.27		
BHUTAN	Hydro	CHPC(4x90)	360.00	270.00	189.84	189.84	269.56	269.56	
		Kurichu (4x15)	60.00	60.00	35.50	35.50	35.29	35.29	
		TALA (6x170)	1020.00	1020.00	251.43	251.43	290.08	290.08	
		DAGACHU (2x63)	126.00	126.00	29.47	29.47	41.89	41.89	
		MANGDECHU(4x180)	720.00	720.00	307.28	307.28	442.28	442.28	
		Grand Total	39956.26	39801.26	15029.58	14051.54	27888.51	26016.37	

PLANT LOAD FACTOR (PLF) OF THERMAL POWER STATIONS IN EASTERN REGION DURING THE MONTH OF MAY' 2020

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY (in MW)	EFFECTIVE CAPACITY (in MW)	Gross Energy Generation in MU	PLF of Current Month (%)	Cummulative Gross Energy Generation upto Current Month (2020-21) in MU	Cummulative PLF upto Current Month (%)
BIHAR	Thermal	Barauni (U# 6,7)	220.00	210.00	22.93	14.68	22.93	7.46
		Barauni (U# 8)	250.00	250.00	149.91	80.60	156.66	42.80
		Muzaffarpur Stg-I	220.00	220.00	0.00	0.00	0.00	0.00
		Thermal Total	690.00	680.00	172.84	34.16	179.59	18.04
	RES		341.25	341.25	18.46		46.05	
		Total BIHAR	1031.25	1021.25	191.30		225.64	
JHARKHAND								
TVNL	Thermal	TVNL	420.00	420.00	197.85	63.32	379.63	61.74
JSEB	Hydro	Subarnrekha (U#1,2)	130.00	130.00	0.05		0.09	
		RES	46.75	46.75	0.00		0.00	
		Total	176.75	176.75	0.05		0.09	
DVC	Thermal	Bokaro-B(3)	210.00	210.00	0.00	0.00	0.00	0.00
		Chandrapura(U7 # 8)	500.00	500.00	163.96	44.08	307.14	41.96
		Durgapur(4)	210.00	210.00	0.00	0.00	0.00	0.00
		Mezia(1,2,3,4,5,6)	1340.00	1340.00	319.94	32.09	468.22	23.87
		Mezia(U # 7,8)	1000.00	1000.00	358.63	48.20	628.15	42.91
		Bokaro-A(1)	500.00	500.00	219.69	59.06	399.50	54.58
		Durgapur STPS (U#1,2)	1000.00	1000.00	408.91	54.96	678.06	46.32
		Raghunathpur TPS (U#1,2)	1200.00	1200.00	317.90	35.61	599.85	34.14
		Koderma STPS (U#1,2)	1000.00	1000.00	611.49	82.19	946.20	64.63
		Total Thermal	6960.00	6960.00	2400.51	46.36	4027.12	39.52
		Hydro	Maithon (U#1,2,3)	63.20	63.20	9.73		18.15
	Panchet (U#1,2)		80.00	80.00	7.60		17.21	
	Tilaya (U#1,2)		4.00	4.00	0.00		0.00	
	Hydro Total		147.20	147.20	17.33		35.36	
	Total DVC	7107.20	7107.20	2417.84		4062.48		
WEST BENGAL								
WBPDCL	Thermal	Bandel TPS	380.00	335.00	23.77	9.54	50.48	10.29
		Santalalih TPS(U#5&6)	500.00	500.00	222.69	59.86	521.55	71.25
		Kolaghat TPS	1260.00	1260.00	123.26	13.15	239.58	12.99
		Bakreswar TPP	1050.00	1050.00	414.02	53.00	1055.21	68.64
		Sagardighi TPP	1600.00	1600.00	527.11	44.28	1015.47	43.35
		DPPS (110+300+250 *)	660.00	660.00	251.83	51.28	419.84	43.45
		Thermal Total	5450.00	5405.00	1562.68	38.86	3302.13	41.73
WBSEDCL	Hydro	Jaldhaka (3x9+2x4)	35.00	35.00	16.09		27.05	
		Ramam (4x12.73)	51.00	51.00	16.92		25.46	
		Teesta C.F. (3x3x7.5)	67.50	67.50	0.00		0.00	
		Purulia PSS (4x225)	900.00	900.00	93.66		163.06	
		Total Hydro	1053.50	1053.50	126.67		215.57	
	RES	527.29	527.29	84.44		171.22		

WBPDCL, Bandel TPS Unit #3 & Unit #4 (IC=2X82.5 MW, EC=2X60 MW) decommissioned from 01.04.2018.

PLANT LOAD FACTOR (PLF) OF THERMAL POWER STATIONS IN EASTERN REGION DURING THE MONTH OF MAY' 2020

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY	EFFECTIVE CAPACITY	Gross	PLF	Cummulative Gross	Cummulative PLF
					Energy Generation in MU	of Current Month (%)	Energy Generation upto Current Month (2020-21) in MU	upto Current Month (%)
CESC	Thermal	Titagarh (4x60)	240.00	240.00	0.00	0.00	0.00	0.00
		Southern (2x67.5)	135.00	135.00	0.00	0.00	0.00	0.00
		Budge-Budge (3x250)	750.00	750.00	422.27	75.67	836.80	76.21
		Total CESC	1125.00	1125.00	422.27	50.45	836.80	50.81
HEL	Thermal		600.00	600.00	314.65	70.49	626.45	71.32
		Total West Bengal	8755.79	8710.79	2510.71		5152.17	
ODISHA	Thermal	Talcher-I	250.00	240.00	174.12	97.51	339.45	96.61
(NTPC)		Talcher-II	220.00	220.00	150.19	91.76	292.82	90.91
		Total Thermal	470.00	460.00	324.31	94.76	632.27	93.89
OPGC	Thermal	IB TPS	420.00	420.00	224.25	71.76	438.34	71.29
		IB TPS U#3(660 MW)	660.00	660.00	270.16	55.02	546.25	56.53
		IB TPS U#4(660 MW)	660.00	660.00	313.98	63.94	582.29	60.26
OHPC	Hydro	Hirakud-I (Burla)	275.50	275.50	65.25		110.20	
		Hirakud-II (Chiplima)	72.00	72.00	27.09		45.81	
		Balimela (6x60+2x75)	510.00	510.00	184.06		290.55	
		Rengali (5x50)	250.00	250.00	79.69		187.29	
		Upper Kolab (4x80)	320.00	320.00	92.05		179.17	
		Indravati HPS (4x150)	600.00	600.00	151.14		354.90	
		Mckd.(Odisha drawal)	57.38	57.38	24.21		51.76	
		Total Hydro	2084.88	2084.88	623.48		1219.67	
		RES	511.21	511.21	50.57		92.15	
		Total Odisha	4806.09	4796.09	1806.74		3510.95	
(**) SIKKIM	Hydro	RES	52.18	52.18	1.00		2.00	
NTPC		MTPS Stg-II	390	390	191.505	66.00	322.73	56.52
		FSTPP# I&II (3x200+2x500)	1600.00	1600.00	542.62	45.58	1276.94	54.51
		FSTPP (U# 6)	500.00	500.00	252.66	67.92	510.36	69.72
		KhSTPP (4x210+3x500)	2340.00	2340.00	1272.59	73.10	2524.95	73.70
		TSTPP (2x500)	1000.00	1000.00	664.62	89.33	1266.46	86.51
		BARH STPS II (2X660)	1320.00	1320.00	450.11	45.83	741.43	38.37
		BRBCL # 1,2,3(3X250 MW)	750.00	750.00	302.48	54.21	583.87	53.18
		NSTPS	660.00	660.00	351.07	71.50	749.10	77.53
		DSTPP	800.00	800.00	261.80	43.99	651.46	55.62
		Total NTPC	9360.00	9360.00	4289.46	61.60	8627.31	62.96
NHPC	HYDRO	Rangit (3x20)	60.00	60.00	30.07		47.01	
		Teesta (3x170)	510.00	510.00	307.33		495.59	
		TLDP - (4x33+4x40)	292.00	292.00	117.17		177.08	
		Total NHPC	862.00	862.00	454.57		719.68	
	Thermal	MPL (U#1&2)	1050.00	1050.00	530.75	67.94	1054.38	68.59
		APNRL (U#1,2)	540.00	540.00	244.38	60.83	422.72	53.47
		GMR (2x350)	700.00	700.00	213.49	40.99	434.53	42.40
		JITPL (2X600)	1200.00	1200.00	633.43	70.95	1132.04	64.44
		CHUZACHEN** (2x55)	110.00	110.00	40.74		59.26	
		JORETHANG (2x48)	96.00	96.00	26.35		38.74	
		TEESTA URJA St III (6x200)	1200.00	1200.00	594.15		891.46	
		Tashilding (2x48.5)	97.00	97.00	25.82		37.03	
		DICKCHU (2x48)	96.00	96.00	36.09		56.70	
		TALCHER SOLAR	10.00	10.00	1.36		2.60	
		Total Thermal (E.R)	30305.00	30240.00	12115.00	53.85	23221.84	52.45
EASTERN REGIONAL		Total Hydro (E.R)	5876.58	5876.58	1945.24		3273.55	
		Total RES	1488.68	1488.68	155.83		314.02	
		TOTAL (E.R)	37670.26	37605.26	14216.07		26809.40	
BHUTAN	Hydro	CHPC(4x90)	360.00	270.00	189.84		269.56	
	Hydro	Kurichu (4x15)	60.00	60.00	35.50		35.29	
	Hydro	TALA (6x170)	1020.00	1020.00	251.43		290.08	
	Hydro	DAGACHU (2x63)	126.00	126.00	29.47		41.89	
		MANGDECHU(4x180)	720.00	720.00	307.28		442.28	
		Grand Total	39956.26	39801.26	15029.58		27888.51	

CONTRIBUTIONS OF DIFFERENT CONSTITUENTS AT THE TIME OF REGIONAL PEAK
DURING THE MONTH OF MAY2020 (18-5-2020)

Date 18-May-20
Time 22.00 Hrs.
Frequency 49.99 Hz.

(All Fig. in MW)

System/State	Installed Capacity	Effective Capacity	Hydro	Thermal	RES	Total
BSPHCL	1031	1021	0	261	0	261
JUVNL	597	597	0	267	0	267
DVC	7107	7107	12	3457	0	3469
ODISHA	4806	4796	1413	1308	39	2761
WBSEDCL	6371	6326	599	3158	0	3757
TLDP	292	292	181	0	0	181
HEL HALDIA	600	600	0	512	0	512
CESC	1125	1125	0	630	0	630
DPL	660	660	0	0	0	0
SIKKIM	52	52	0	0	0	0
NTPC	9360	9360	0	6309	0	6309
NHPC	570	570	580	0	0	580
CHUKHA	360	270	181	0	0	181
KURICHU	60	60	53	0	0	53
TALA	1020	1020	239	0	0	239
MPL	1050	1050	0	913	0	913
OPGC (660 MW)	0	0	0	0	0	0
APNRL	540	540	0	350	0	350
Kamalganga (GMR)	700	700	0	320	0	320
JITPL	1200	1200	0	1118	0	1118
Chuzachen	110	110	30	0	0	30
Jorethang	96	96	54	0	0	54
TEESTA URJA St III	1200	1200	1151	0	0	1151
Tashilding	97	97	47	0	0	47
DICKCHU	96	96	94	0	0	94
<u>Daghachu</u>	126	126	22	0	0	22
<u>Solar</u>	10	10	0	0	0	0
<u>Mangdechu</u>	720	720	521	0	0	521
<u>Total</u>	39956	39801	5177	18605	39	23821
Import From Captive:						973
Export To:						
NER						703
SR						1905
WR						-1621
NR						2661
Bangladesh						954
Nepal						26
Total						4628
> I Net Peak Demand Met (MW) :						20166

Indicates Export(+)/Import(-) of Power

Hourly Load Generation Data OF ER On Regional Peak Day During The Month of MAY'2020 (18-5-2020)

(All Figures in MW)

Hrs.	Generation			Import from Captive	Net Import From Hydro of Bhutan	Net Export to other region	Demand Met	Freq. Correction	Load Shed	Requirement
	Hydro	Thermal	Total							
1	3605	16996	20601	966	1069	3399	19237	-3	94	19328
2	3414	16964	20378	1004	1089	3647	18823	3	409	19236
3	3300	16895	20195	915	964	3528	18546	2	409	18956
4	3036	16942	19978	898	958	3618	18217	-5	211	18423
5	2669	16633	19301	913	949	3282	17882	-23	111	17969
6	2451	16200	18651	926	938	3693	16822	-26	4	16827
7	2574	15696	18270	941	907	3926	16191	3	1	16195
8	2611	15436	18047	945	992	3970	16014	-18	2	16016
9	2096	15321	17417	895	1062	3287	16088	-8	2	16090
10	2263	15851	18114	832	1052	3598	16399	9	1	16409
11	2156	15941	18097	780	1043	3441	16479	-10	0	16479
12	2159	16020	18178	719	1025	3404	16518	10	2	16531
13	2150	16214	18364	729	1019	3365	16747	12	2	16761
14	2108	16804	18913	759	1003	3564	17111	30	4	17145
15	3112	17113	20225	806	987	4310	17707	39	4	17750
16	3310	17458	20768	879	968	4814	17800	11	1	17812
17	2774	17171	19945	878	962	5116	16669	-9	78	16738
18	1729	16531	18260	962	905	4479	15648	3	1	15651
19	1955	17367	19322	980	868	3778	17393	-8	1	17393
20	2757	18376	21134	955	885	3391	19581	3	0	19585
21	3163	18542	21705	971	945	3803	19817	0	131	19948
22	4201	18605	22806	973	1015	4628	20166	9	131	20306
23	4499	18963	23461	975	1067	5408	20095	67	316	20478
24	4445	18672	23117	991	1081	5114	20075	12	321	20408

Hourly Load Generation Data of ER On Regional Lean Day During The Month of MAY'2020 (1-5-2020)

(All Figures in MW)

Hrs.	Generation			Import from Captive	Net Import From Hydro of Bhutan	Net Export to other region	Demand Met	Freq. Correction	Load Shed	Requirement
	Hydro	Thermal	Total							
1	2947	15897	18844	1068	679	5948	14642	-6	3	14645
2	2905	15420	18325	1062	643	5711	14320	26	337	14683
3	2502	15425	17927	1055	657	5734	13905	24	71	13999
4	2413	15421	17834	1058	656	5598	13950	15	71	14035
5	2815	15339	18153	1052	641	5961	13884	18	57	13959
6	2876	14728	17604	1076	614	6182	13112	9	57	13178
7	2511	13769	16280	1085	576	5181	12761	-7	5	12765
8	2153	13533	15687	1035	569	4411	12880	6	2	12888
9	1744	12315	14058	985	568	3212	12399	-37	2	12401
10	1612	11986	13598	968	567	3301	11833	-16	2	11835
11	1400	11806	13206	943	553	3454	11248	-26	2	11250
12	1145	11474	12619	931	550	3440	10660	0	8	10667
13	1213	11698	12910	933	564	3957	10451	21	10	10481
14	968	11530	12498	930	569	4025	9973	-8	13	9978
15	881	11369	12250	983	552	4046	9739	-18	20	9741
16	779	11737	12516	992	554	4790	9273	-6	23	9290
17	710	11243	11953	810	604	4374	8992	-4	43	9032
18	975	11201	12177	864	592	3933	9700	-15	60	9745
19	1413	12046	13459	897	567	3526	11397	-5	48	11439
20	2896	13231	16127	908	571	4638	12968	-27	25	12994
21	3825	13050	16875	990	604	5269	13200	5	18	13222
22	3775	13269	17044	1079	656	5753	13026	-5	13	13034
23	4045	13814	17859	1116	716	6922	12768	17	5	12790
24	3828	13841	17669	1114	740	7233	12290	19	5	12315

NOTIFIED POWER CUTS/RESTRICTIONS ON INDUSTRIES & POWER SUPPLY TO AGRICULTURE SECTOR

FOR THE MONTH OF MAY'2020

POWER CUT / RESTRICTIONS

BSPHCL	NO NOTIFIED CUTS/RESTRICTIONS However there was loadshedding of 7.08 MU
JUVNL	NO NOTIFIED CUTS/RESTRICTIONS However there was loadshedding of 23.99 MU
DVC	NO NOTIFIED CUTS/RESTRICTIONS. However there was loadshedding of 0.00 MU
ODISHA	NO NOTIFIED CUTS/RESTRICTIONS However there was loadshedding of 0.00 MU
WEST BENGAL	NO NOTIFIED CUTS/RESTRICTIONS. However there was loadshedding of 50.99 MU

POWER SUPPLY TO AGRICULTURAL SECTOR

STATE	HOURS OF SUPPLY (AVERAGE / DAY)
BIHAR	18 HRS.00 MINS.
JHARKHAND	ABOUT 20 to 22 HRS.
ODISHA	24 HRS.
WEST BENGAL	23 HRS.

FREQUENCY DETAILS FOR THE MONTH OF

May-20

D A T E	H O U R S										INST. FREQ.				15 MIN. INTEGRATED			
	00	05	10	17	22	00	<49.9	49.9	>50.05	49.9	MAX	HRS.	MIN	HRS.	MAX	HRS.	MIN	HRS.
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	HZ		HZ		HZ		HZ	
01-May	49.97	50.02	50.02	50.02	49.96	50.00	2.20	73.20	24.60	73.20	50.22	19.02.20	49.84	01.36.10	50.12	0:00	49.91	0:00
02-May	50.00	50.02	49.99	50.00	50.02	50.00	0.60	78.70	20.60	78.70	50.14	08.04.00	49.83	13:42	50.10	0:00	49.93	0:00
03-May	49.96	50.01	49.98	50.02	49.98	49.99	6.40	76.60	17.10	76.60	50.25	18.01.30	49.78	12.16.10	50.12	0:00	49.88	0:00
04-May	49.96	50.00	50.00	49.97	49.96	49.98	9.60	75.50	14.90	75.50	50.19	15.02.00	49.65	12.18.10	50.16	0:00	49.75	0:00
05-May	49.96	50.02	49.98	50.01	50.01	49.99	7.10	77.90	15.00	77.90	50.21	18.32.50	49.70	00.08.00	50.09	0:00	49.79	0:00
06-May	50.03	50.00	50.00	50.02	50.00	50.01	1.80	74.60	23.60	74.60	50.23	16.02.20	49.82	12.09.20	50.16	0:00	49.86	0:00
07-May	50.00	50.02	49.98	50.03	49.98	50.00	3.80	79.80	16.40	79.80	50.23	17.03.20	49.81	15.14.40	50.12	0:00	49.91	0:00
08-May	49.98	49.98	49.98	49.99	49.95	49.98	5.60	84.90	9.50	84.90	50.16	18.01.50	49.74	22.18.00	50.06	0:00	49.86	0:00
09-May	49.97	49.99	49.95	49.97	49.94	49.97	11.40	79.60	8.90	79.60	50.20	18.01.00	49.72	22.19.10	50.06	0:00	49.84	0:00
10-May	49.95	50.02	50.03	50.07	50.01	50.02	2.70	65.80	31.60	65.80	50.28	18.02.20	49.77	03.12.30	50.20	0:00	49.84	0:00
11-May	50.03	50.03	49.98	50.00	49.96	50.00	3.30	72.30	24.40	72.30	50.18	06.01.50	49.82	12.12.30	50.12	0:00	49.91	0:00
12-May	50.00	50.00	50.00	49.98	49.98	49.99	6.80	75.40	17.80	75.40	50.20	18.01.50	49.75	22.09.00	50.14	0:00	49.87	0:00
13-May	50.00	50.02	50.00	50.01	49.97	50.00	1.50	80.10	18.40	80.10	50.21	18.03.20	49.83	16.51.00	50.09	0:00	49.93	0:00
14-May	50.01	50.02	50.00	50.03	49.97	50.01	1.60	74.80	23.50	74.80	50.27	18.02.20	49.84	20.19.20	50.14	0:00	49.92	0:00
15-May	50.01	50.02	49.96	50.01	49.99	49.99	4.60	77.70	17.70	77.70	50.22	18.00.40	49.85	13.49.20	50.09	0:00	49.84	0:00
16-May	50.00	50.01	50.00	50.01	49.98	50.00	1.50	82.50	16.00	82.50	50.17	13.03.10	49.77	14.13.50	50.09	0:00	49.92	0:00
17-May	49.99	50.01	50.01	50.02	49.98	50.01	2.00	75.50	22.40	75.50	50.27	17.04.10	49.78	00.08.50	50.17	0:00	49.84	0:00
18-May	50.01	50.01	49.98	50.00	49.94	49.99	4.40	80.40	15.30	80.40	50.19	19.01.50	49.82	14.13.50	50.06	0:00	49.89	0:00
19-May	50.01	50.02	50.00	50.00	49.99	50.01	1.80	75.50	22.60	75.50	50.16	19.02.30	49.80	16.46.20	50.11	0:00	49.90	0:00
20-May	50.01	50.00	49.97	49.99	50.00	49.99	3.60	84.70	11.70	84.70	50.23	19.02.20	49.84	14.57.50	50.07	0:00	49.88	0:00
21-May	50.05	50.05	50.00	50.00	50.01	50.02	1.10	62.60	36.30	62.60	50.21	06.02.00	49.73	14.44.00	50.08	0:00	49.90	0:00
22-May	50.01	50.02	49.96	49.96	49.98	49.98	8.70	78.00	13.40	78.00	50.19	18.02.20	49.74	21.10.50	50.07	0:00	49.80	0:00
23-May	49.98	49.99	49.98	49.97	49.99	49.98	5.10	85.60	9.30	85.60	50.20	18.02.30	49.74	21.32.30	50.07	0:00	49.82	0:00
24-May	49.98	50.01	49.99	49.99	49.96	49.99	1.70	86.80	11.40	86.80	50.20	19.01.50	49.83	22.44.50	50.07	0:00	49.92	0:00
25-May	49.99	49.98	49.97	49.99	49.96	49.98	6.50	81.60	11.90	81.60	50.19	12.01.30	49.66	22.10.50	50.07	0:00	49.82	0:00
26-May	50.01	50.01	49.96	50.03	50.02	50.00	6.10	72.80	21.10	72.80	50.29	18.04.10	49.78	13.42.00	50.21	0:00	49.83	0:00
27-May	50.01	50.05	50.01	50.04	50.03	50.02	1.64	66.57	31.78	66.57	50.23	18.21.00	49.82	19.18.00	50.20	0:00	49.90	0:00
28-May	50.03	50.04	50.00	50.04	50.02	50.03	1.10	65.00	33.90	65.00	50.29	19.01.00	49.57	17.27.10	50.20	0:00	49.87	0:00
29-May	50.02	50.00	49.98	49.99	49.97	50.00	7.20	73.50	19.30	73.50	50.24	18.02.50	49.77	14.21.50	50.13	0:00	49.84	0:00
30-May	49.99	49.97	49.99	50.00	49.91	49.98	6.30	83.70	10.00	83.70	50.20	17.04.20	49.74	22.45.50	50.12	0:00	49.82	0:00
31-May	49.95	49.99	50.00	50.02	50.02	49.99	3.20	75.30	21.50	75.30	50.18	17.06.10	49.80	22.09.10	50.13	0:00	49.86	0:00
MAX	50.05	50.05	50.03	50.07	50.03	50.03	11.40	86.80	36.30	86.80	50.29		49.85		50.21		49.93	
MIN	49.95	49.97	49.95	49.96	49.91	49.97	0.60	62.60	8.90	62.60	50.14		49.57		50.06		49.75	
AVG	50.00	50.01	49.99	50.01	49.98	50.00	4.22	76.68	19.09	76.68	50.21		49.77		50.12		49.87	

SUMMARY:

Avg. Frequency : 50.0 Hz.

Instantaneous Frequency :

Maximum Frequency : 50.29 Hz at 18.04.10 Hrs.

Minimum Frequency : 49.57 Hz at 17.27.10 Hrs.

15 Minutes Integrated Frequency :

Maximum Frequency : 50.21 Hz On 00/01/00 at 00:00 Hrs.

Minimum Frequency : 49.75 Hz On 00/01/00 at 00:00 Hrs

Frequency Distribution in % of Time			
Hz	<49.9	49.9-50.05	>50.05
% of Time	4.22	76.68	19.09

VOLTAGE ANALYSIS

MAXIMUM & MINIMUM VOLTAGES RECORDED AT IMPORTANT 400 KV S/S IN THE MONTH OF MAY'2020

(All figs. in kV)

PGCIL	BINAGURI		MAITHON		JEERAT		BIHARSHARIFF	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	426	407	425	406	434	395	423	398

PGCIL	MUZAFFARPUR		JAMSHEDPUR		ROURKELA		JEYPORE	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	417	386	424	402	416	405	422	401

DETAILS OF CONSTITUENT WISE LOAD SHEDDING IMPLEMENTED THROUGH UFRs IN THE EASTERN REGION

Expected Load Relief through UFRs by ER Constituent:

(All Fig. are in MW)

STATES/ UTILITIES	STAGE-I (49.2 Hz) (Inst.)	STAGE-II (49.0 Hz) (Inst.)	STAGE-III (48.8 Hz) (Inst.)	STAGE-IV 48.6 Hz (Inst.)	Total Load Relief by Control Area
BIHAR	98	99	99	101	397
JHARKHAND	61	62	61	62	246
DVC	134	135.5	136	137	542.5
ODISHA	181.5	183.5	184	186	735
WEST BENGAL (incl. CESC)	345.5	350	350	354	1399.5
TOTAL	820	830	830	840	3320

As decided in the National Power Committee (NPC) meeting held on 16.07.2013 and subsequently in the 89th OCC meeting of ERPC to implement the scheme w.e.f. 30.09.2013.

A.

**WATER LEVEL OF MAJOR HYDEL RESERVOIRS OF THE REGION IN
May-20**

(All figs.in mtrs.)

Name of the Reservoirs	FRL	MDDL	As on last day of the		As on first day of this month & date	
			(31-05-20)	(31-05-19)		
Hirakud	192	180	186.11	183.98	188.27	01.05.20
Balimela	462	439	447.32	447.08	450.71	01.05.20
Rengali	123	109	112.60	111.60	116.35	01.05.20
Upperkolab	858	844	849.52	847.59	851.58	01.05.20
Indravati	642	625	632.47	628.82	634.01	01.05.20
Subernrekha	590	580	584.30	584.70	584.48	01.05.20

B.

**CPP/IPP IMPORT by Eastern Region Constituents during
May-20**

(All figs. are in MU)

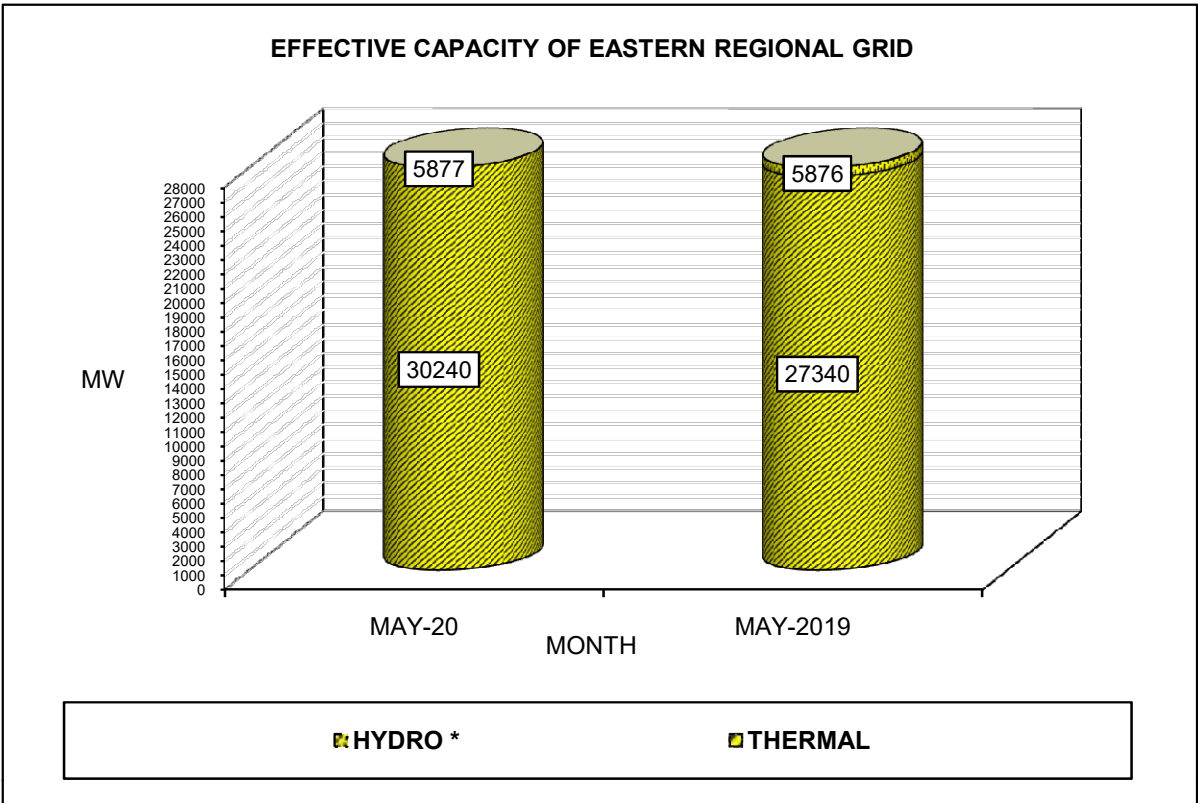
System	Tata Power	Cresent Power	JSPL, Angul	Sterlite	Jindal	NALCO	TISCO	Others	Total
JUVNL	0	0	0	0	0	0	0	0	36.12
West Bengal	27.93	24.21	0	0	0	0	0	17.51	69.66
ODISHA	0	0	39.07	295.78	3.22	10.54	0	298.60	647.21
DVC	0	0	0	0	0	0	12.02	0	12.02
TOTAL	27.93	24.21	39.07	295.78	3.22	10.54	12.02	316.11	764.99

C.

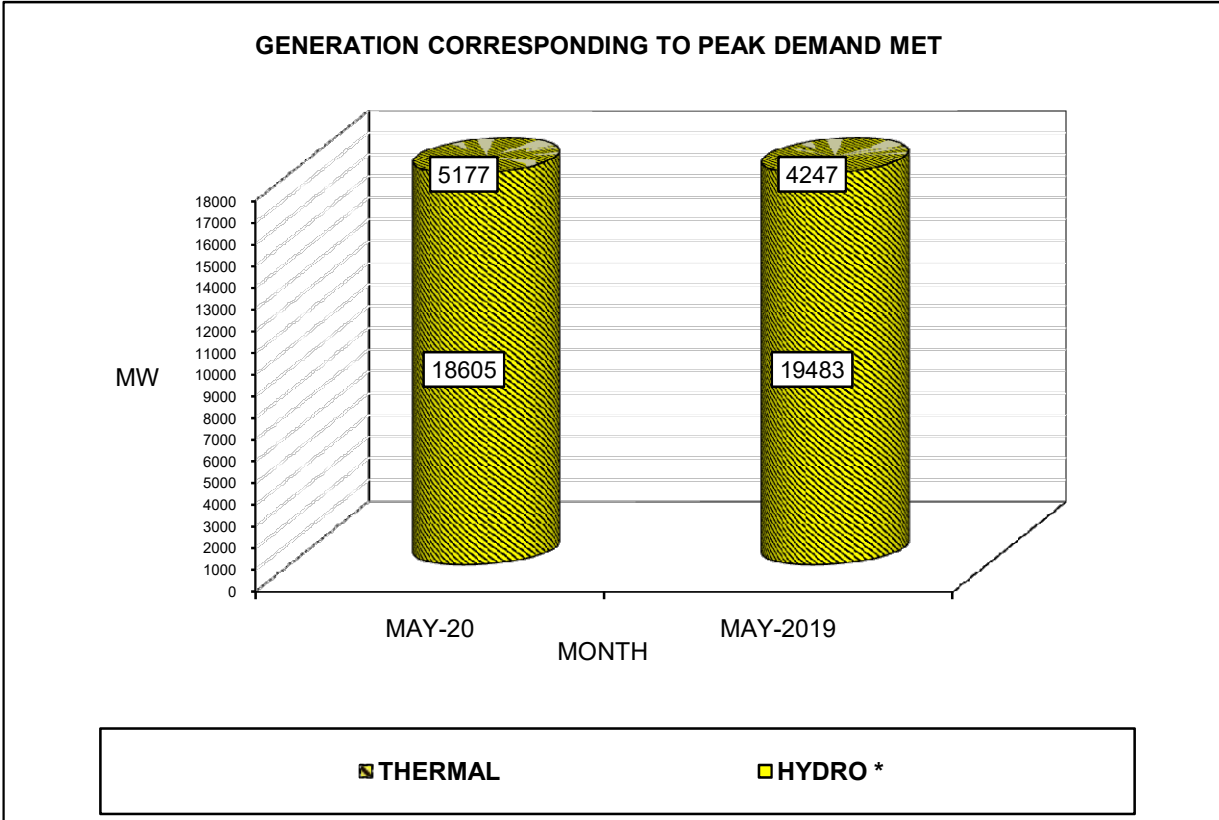
**Distribution of Schedule Supply among Key Customers by IPPs during
May-20**

(All figs. are in MU)

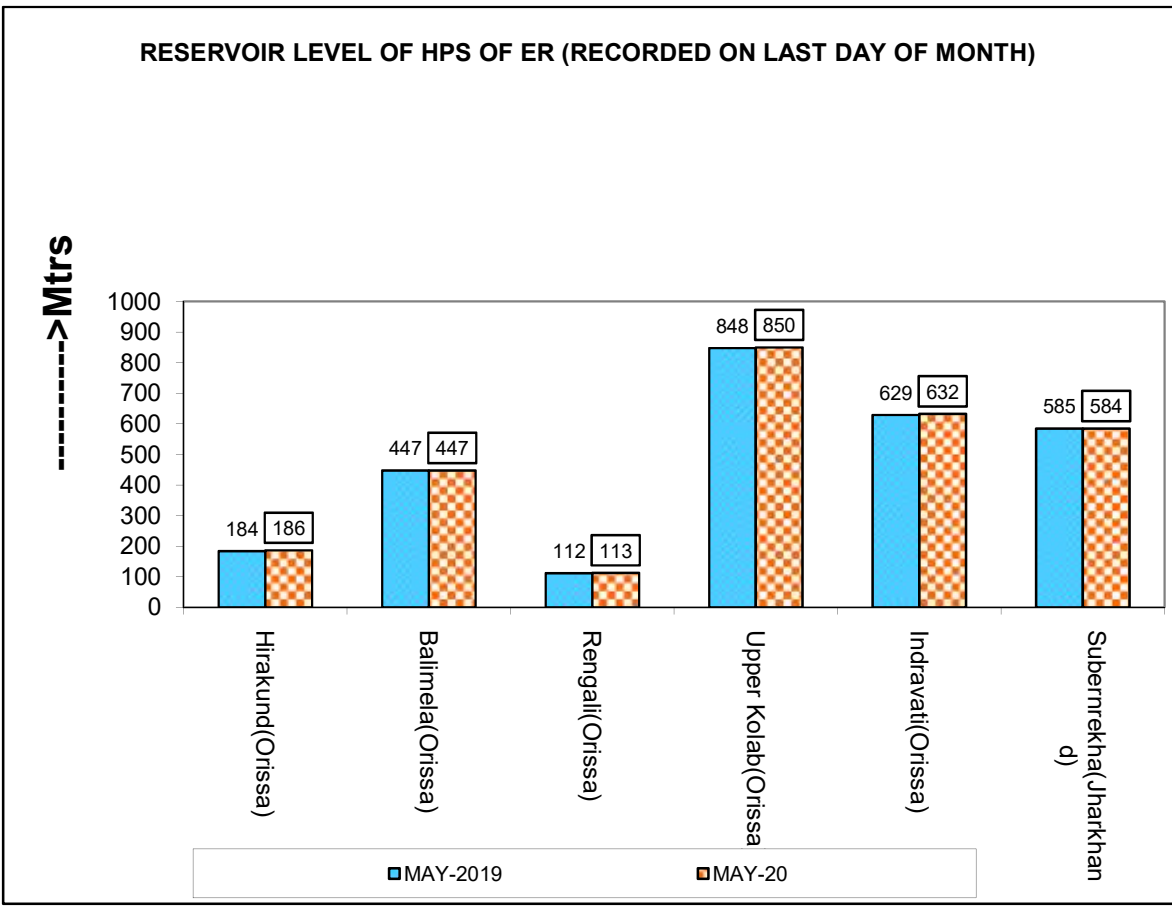
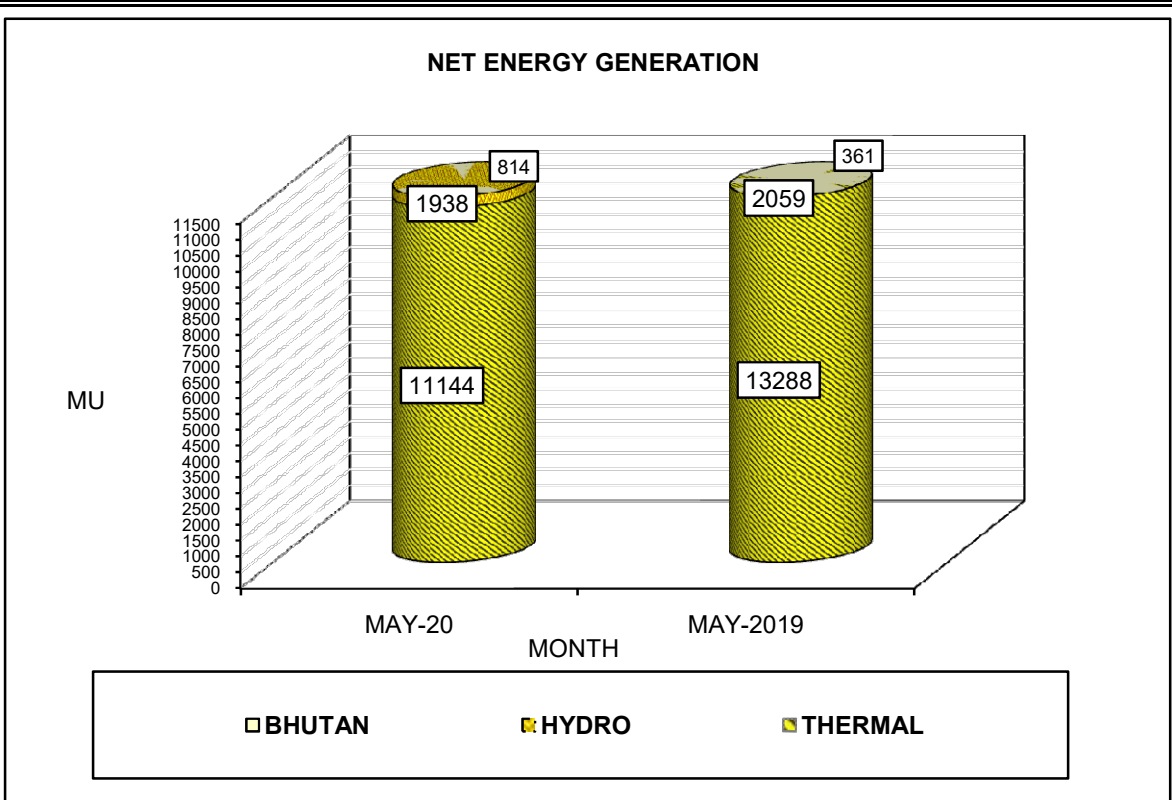
IPP	TPDDL	WBSEDCL/ WBPDCCL	DVC	Sale at IEX/NPCL	ODISHA	JSEB	CTU/Others	Total (Excl. Tr. Loss)
MPL	153.72	147.71	34.47	0.00	0	0	160.36	496.26
Sterlite	0	0	0	0	0.00	0	0.00	0.00
APNRL	0	43.04	0	1.50	0.00	123.00	64.99	232.52
Total	153.72	190.75	34.47	1.50	0.00	123.00	225.35	728.78



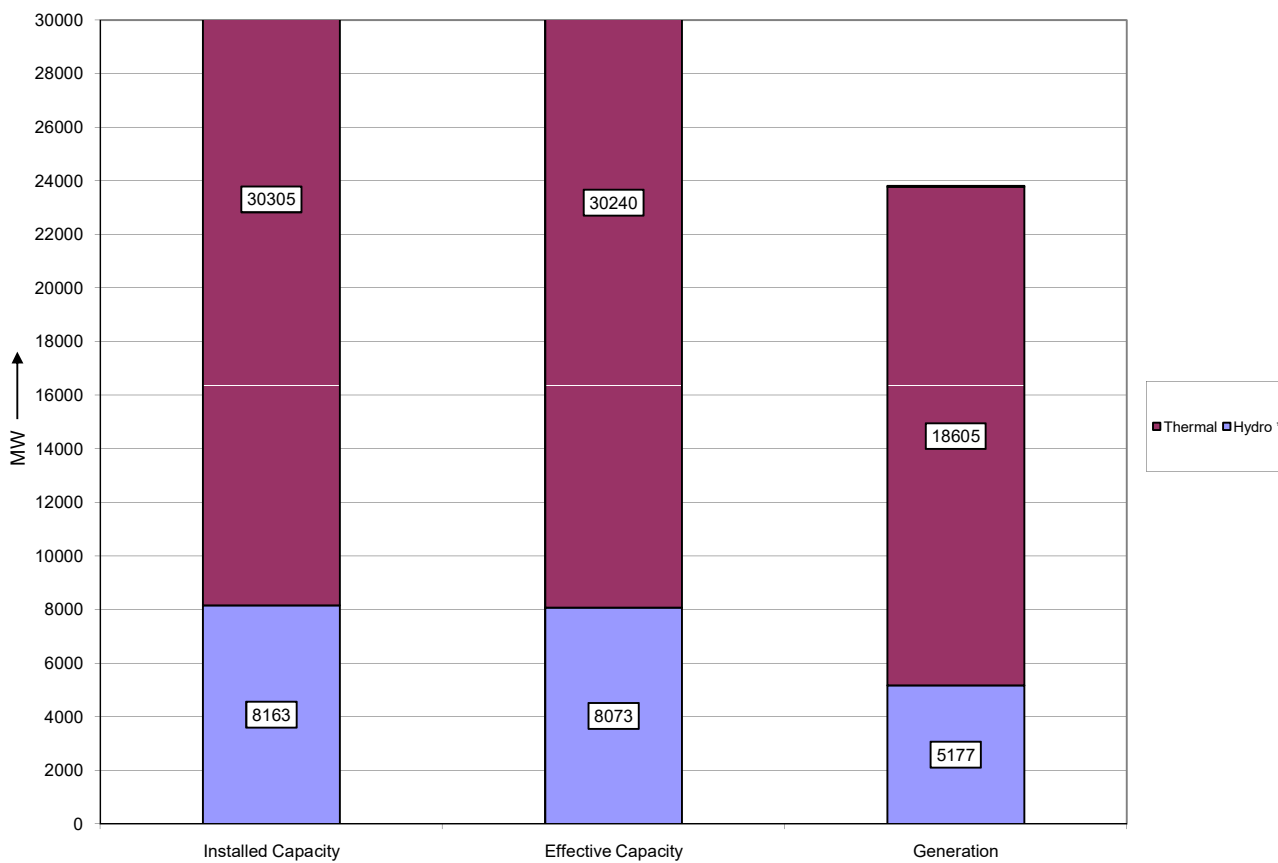
*Excludes contribution from HEPs of Bhutan



*Includes contribution from HEP of Bhutan

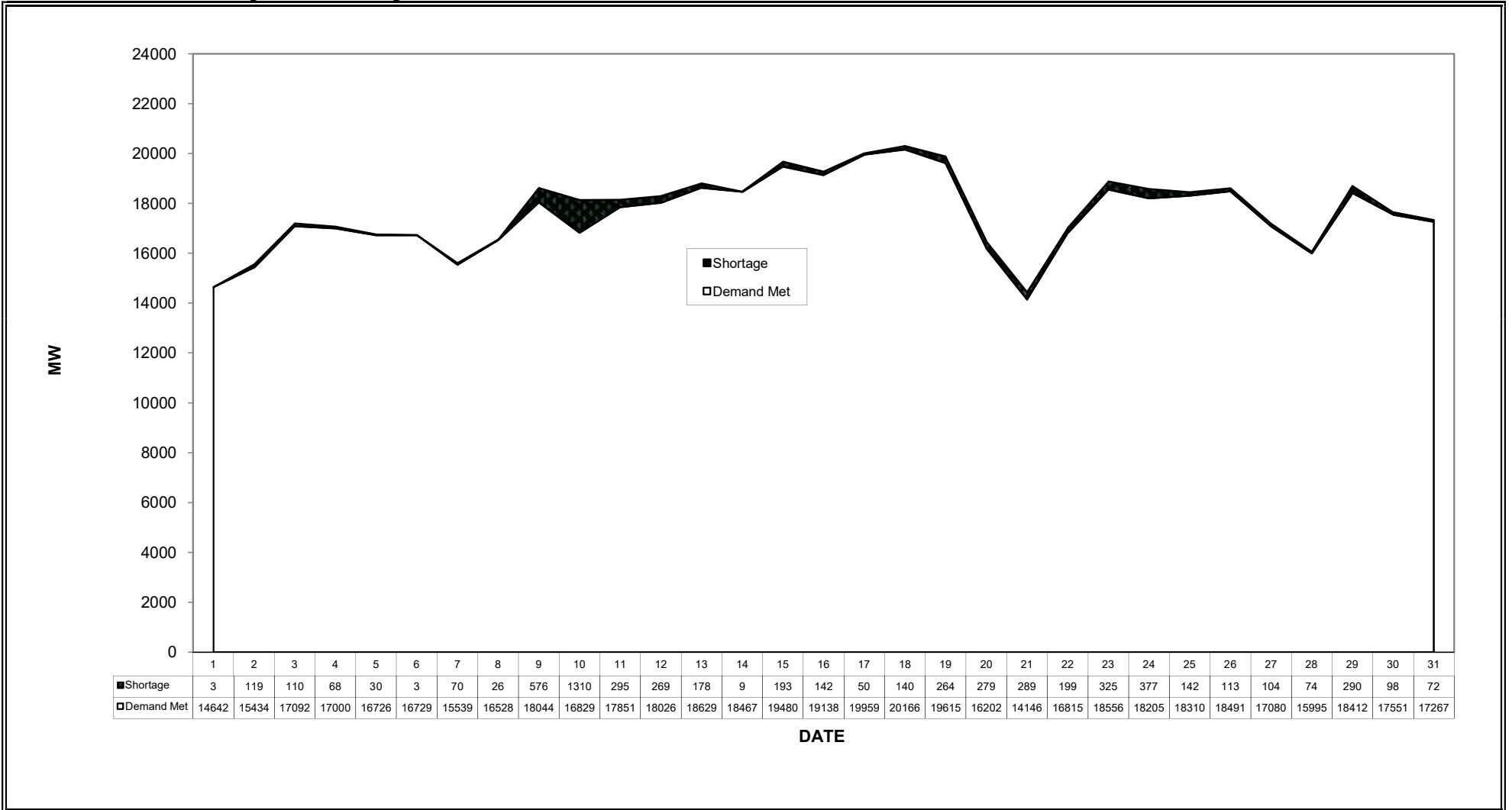


Capacity / Actual Generation Pattern of ER on Peak Day (18-5-2020) at 22.00 hrs.

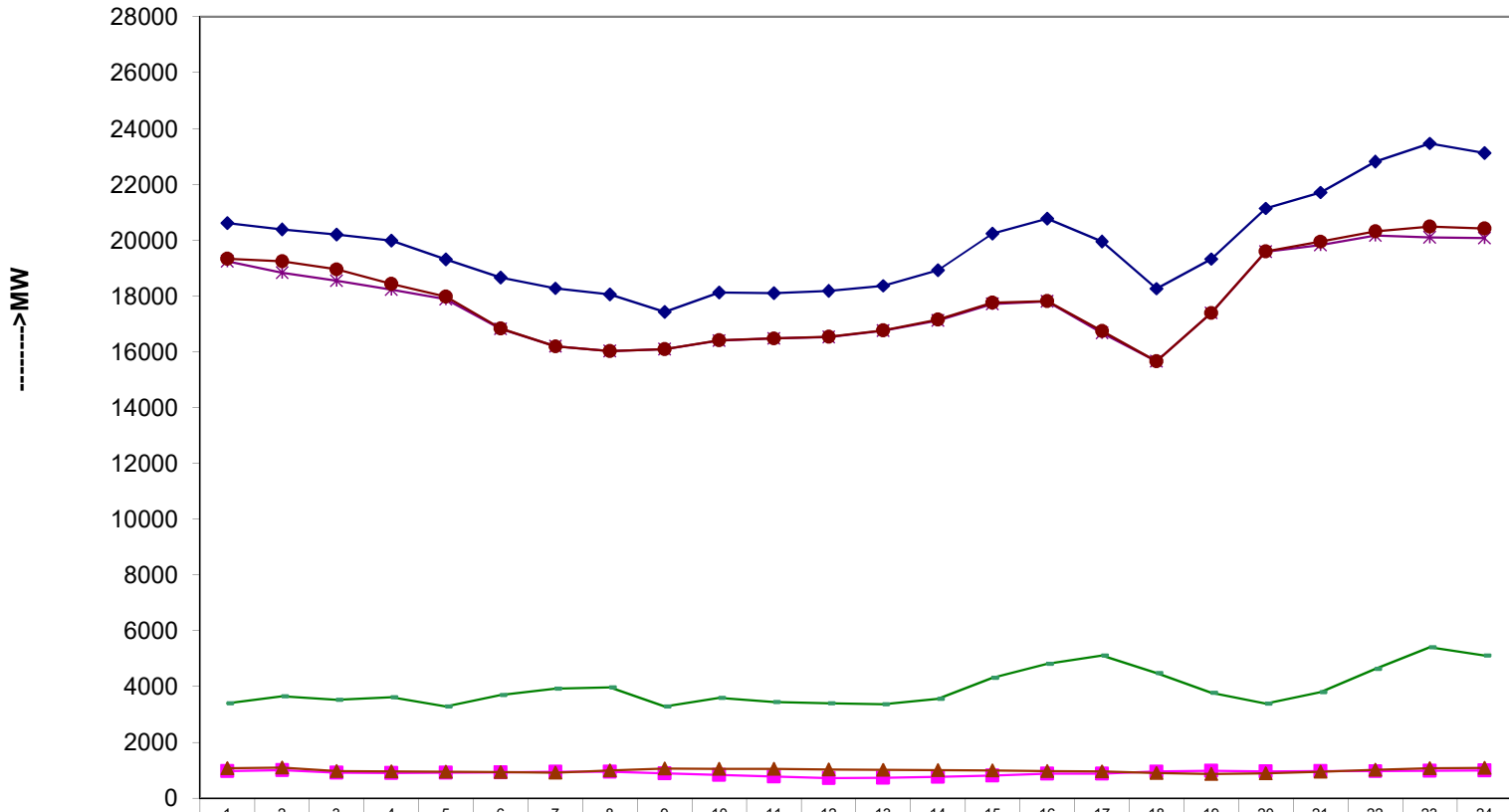


(*)--Includes contribution from HEP of Bhutan (Chukka, Kurichhu & Tala)

Peak Demand Met / Shortage of Eastern Region For The Month Of MAY'2020



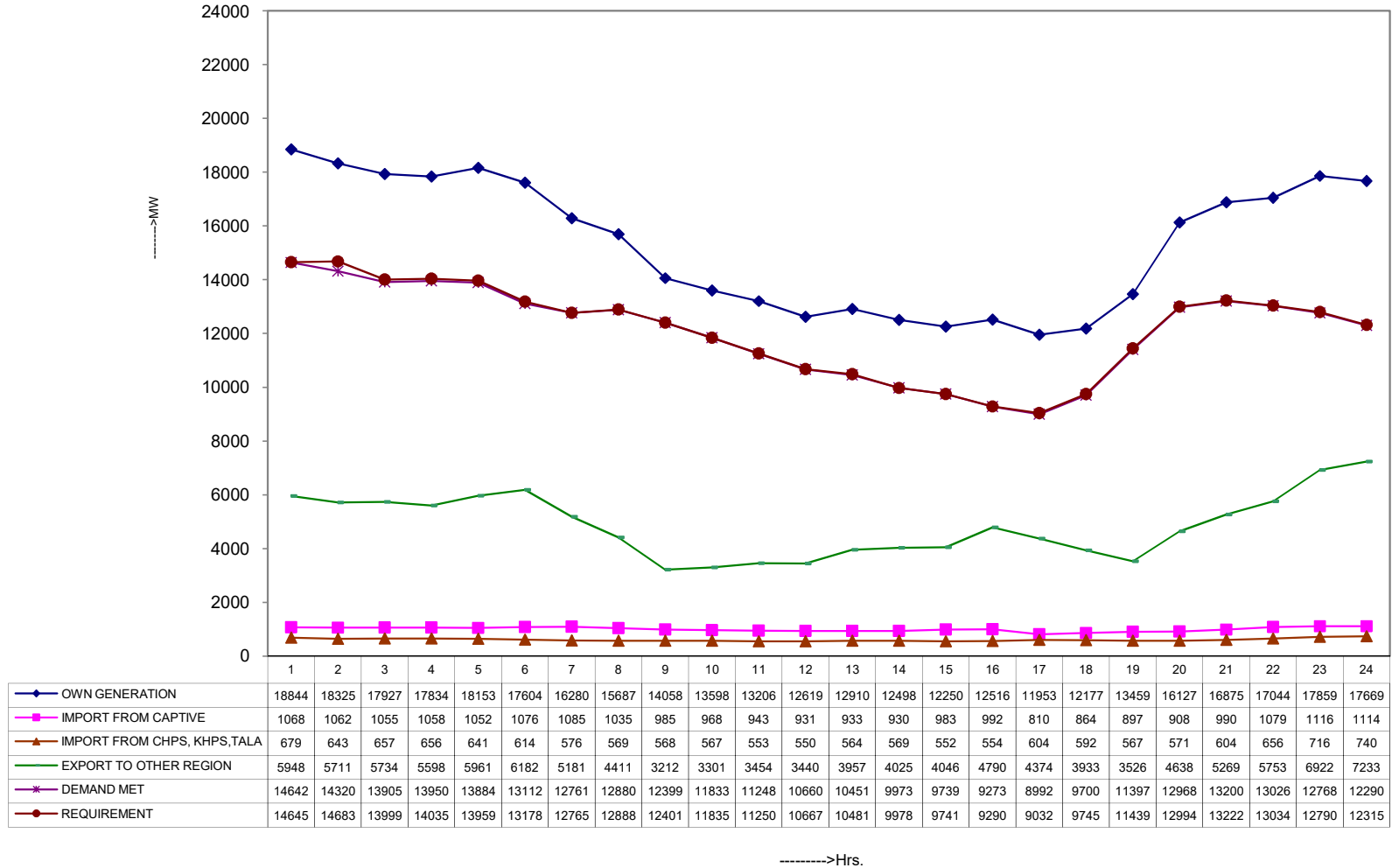
Hourly Load Generation Data OF ER On Regional Peak Day During The Month of MAY'2020 (18-5-2020)



◆ OWN GENERATION	20601	20378	20195	19978	19301	18651	18270	18047	17417	18114	18097	18178	18364	18913	20225	20768	19945	18260	19322	21134	21705	22806	23461	23117
■ IMPORT FROM CAPTIVE	966	1004	915	898	913	926	941	945	895	832	780	719	729	759	806	879	878	962	980	954	971	973	975	991
▲ IMPORT FROM CHPS ,KHPS & TALA	1069	1089	964	958	949	938	907	992	1062	1052	1043	1025	1019	1003	987	968	962	905	868	885	945	1015	1067	1081
— EXPORT TO OTHER REGION	3399	3647	3528	3618	3282	3693	3926	3970	3287	3598	3441	3404	3365	3564	4310	4814	5116	4479	3778	3391	3803	4628	5408	5114
* DEMAND MET	19237	18823	18546	18217	17882	16822	16191	16014	16088	16399	16479	16518	16747	17111	17707	17800	16669	15648	17393	19581	19817	20166	20095	20075
● REQUIREMENT	19328	19236	18956	18423	17969	16827	16195	16016	16090	16409	16479	16531	16761	17145	17750	17812	16738	15651	17393	19585	19948	20306	20478	20408

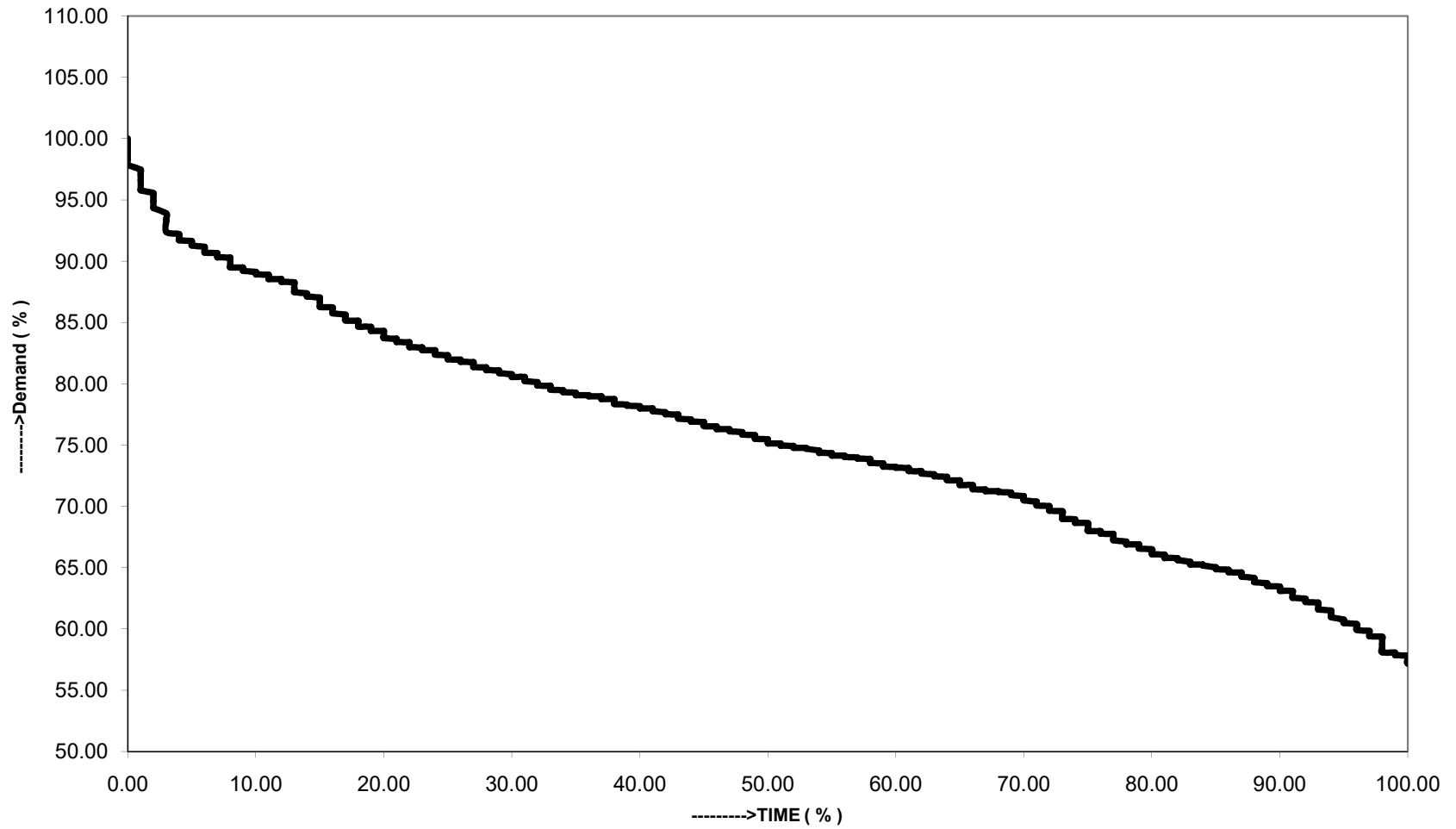
----->Hrs.

Hourly Load Generation Data of ER On Regional Lean Day During The Month of MAY'2020 (1-5-2020)



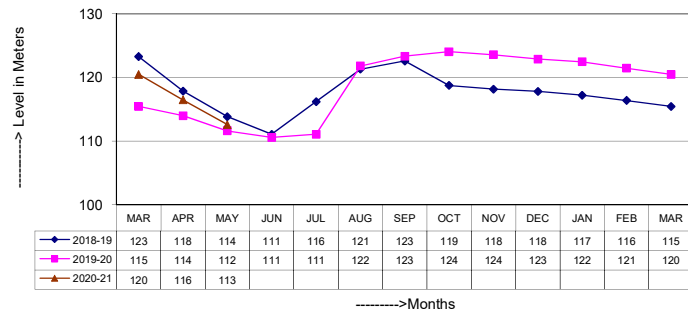
Monthly Load Duration Curve of Eastern Region for MAY-20

Maximum Demand met : 20166 MW
Minimum Demand met: 8992 MW

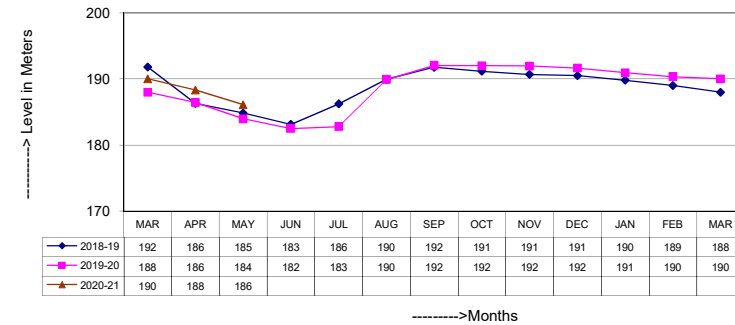


WATER LEVEL IN MAJOR RESERVOIRS ON LAST DATE OF MONTH

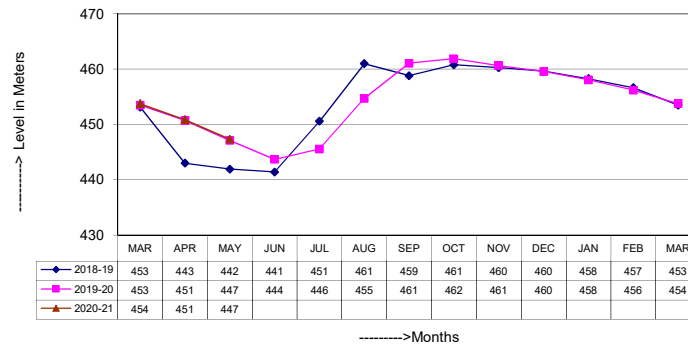
RENGALI RESERVOIR LEVEL



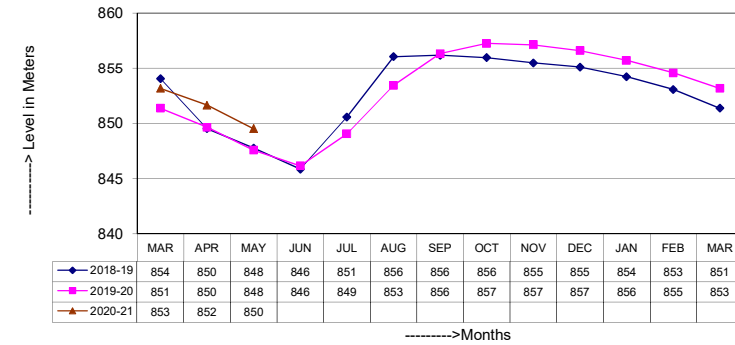
HIRAKUD RESERVOIR LEVEL



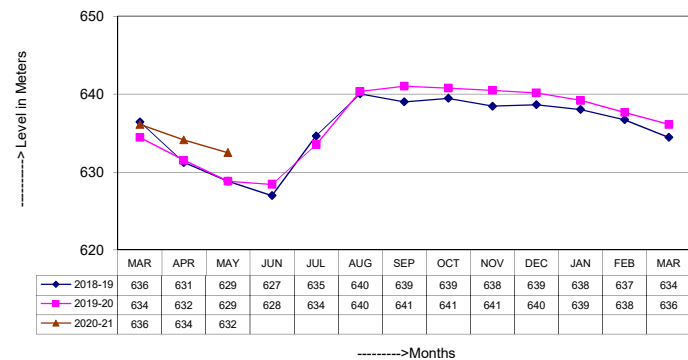
BALIMELA RESERVOIR LEVEL



UPPER KOLAB RESERVOIR LEVEL



INDRAVATI RESERVOIR LEVEL



SUBERNREKHA RESERVOIR LEVEL

