

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

जनवरी - 2021

January-2021



14, गोल्फ क्लब रोड, टोलीगंज

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Highlights of Eastern Regional Power System for January-2021

- The **Maximum Net Demand** met of Eastern Region (ER) during the month of Jan, 2021 was **20496 MW** which is 9.52% more than the Jan,2020 (18714 MW). Individual **Peak Demand (MW)** of all the constituents **increased** compared to the corresponding period of last year.
 - The **Average Net Energy Consumption** per day in ER for the month of Jan, 2021 was **385.74 MU** excluding export, which is 10.52% more than the corresponding period of last year (349.04 MU).
 - The **Average regional PLF of thermal units during the month is 66.67%**, which is 5.12% more than the corresponding period of the last year (**61.55%**).
- WBPDC (Santalidih TPS) registered the highest **PLF** of 99.10%, followed by WBPDC (Bakreswar TPP) 98.31% and DVC (Koderma STPS) 90.63% during the month of **Jan, 2021**.
- **Maximum Net generation** was **25374 MW** against total **Effective Capacity of 39691.26 MW** (including import from Bhutan). At the time of Regional peak (**20496 MW** on 18.01.2021 at 19.00 hrs.) the generation was **23335 MW** and import from CPP was 1580 MW, Net export was 4419 MW.
 - The system frequency in the IEGC recommended band (49.9 Hz to 50.05 Hz) remained for 76.11% of time during the month. **Average frequency** for the month was **50.00 Hz**. The instantaneous maximum and the minimum frequency touched were 50.24 Hz and 49.70 Hz respectively. The integrated (Fifteen minutes time block average) maximum and minimum frequency were **50.18 Hz** and **49.78 Hz** respectively (**refer Annexure-I**).
 - The **Maximum Voltage** recorded **425 KV** at Jeerat 400 KV S/s whereas the minimum voltage recorded 368 KV at Jeerat 400 KV S/s of Power grid.
 - The **Maximum Export from ER to outside region was 8889 MW** (including Nepal and Bangladesh) on 3rd Jan, 2021 at 11:00 hrs. Total net energy export during the month was 4154.40 MU (Inc.Transmission loss) MU which is corresponds to 27.64 % of ex-bus total generation 15032.16 MU of Eastern Region.
 - The import from CPPs was 1080.27 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	5883	0	2200.97
WR	1186	2474	-423.26
SR	4138	0	1956.43
NER	266	982	-283.13
BANGLADESH	930		486.00
NEPAL (via-CTU)	318		201.16
Total (Inc.Kuruchhu HEP Import)	8889	2792	4154.40
NEPAL by Bihar(NBPDCL)			136.92

SALIENT FEATURES

(YEAR TO YEAR COMPARISION)

		Jan-21		JANUARY-2020	CHANGE	% CHANGE
1)	Effective Capacity (end of the Month)					
	THERMAL (MW)	30130		29320	810	2.76
	HYDRO (MW)	5877	\$	5877	0	0
	DIESEL (MW)	0		0	0	0
	RES (MW)	1489		1489	0	0
	TOTAL (MW)	37495		36686	809	2.21
2)	Peak Demand (MW)	20703		18758	1945	10.37
3)	Peak Demand Met (MW)	20496		18714	1782	9.52
4)	Shortage (MW)	207		44	163	0.00
5)	% Shortage	1.00		0.24	0.77	0.00
6)	Average Energy Requirement Per Day (MU)	386.81		349.39	37.42	10.71
7)	Average Energy Availability Per Day (MU)	385.74		349.04	36.70	10.52
8)	Average Shortage Per Day (MU)	1.07		0.35	0.72	208.01
9)	% Shortage	0.28		0.10	0.18	177.94
10)	Net Generation for the Month					
	Thermal (MU)	13900.81		12421.84	1478.97	11.91
	Hydro (MU)	1012.56	*	956.39	56.17	5.87
	RES (MU)	118.79		80.24	0.00	-
	Total (MU)	15032.16		13458.47	1573.69	11.69
11)	Generation at the Time of Max. Regional Demand Met (18-01-21 at 19.00 Hrs.)					
	Thermal (MW)	20081		19561	520	2.66
	Hydro (MW)	3232	*	2754	478	17.34
	RES(MW)	23		22	1	3.05
	Total (MW)	23335		22337	998	4.47
12)	Inter-Regional Energy Transfer					
	Export (MU)	4860.80		4106.38	754.42	18.37
	Import (MU)	706.39		873.04	-166.65	-19.09
	Net Exp.(+)/Net Imp.(-) (MU)	4154.40		3233.34	921.06	28.49
13)	Import From Captive(MU)	1080.27		595.23	485.04	81.49
14)	Peak Inter Regional Power Transfer					
	Max Export (MW) on 03-01-21 at 11.00Hrs	8889		8090	799	9.87
	Max Import (MW) on 15-01-21 at 05.00Hrs	2792		3305	-513	-15.53
	Max Net Export(+)/Import (-) (MW)	8394		7688	706	9.18
15)	Maximum voltage recorded	425		JEERAT	400 kv s/s	
16)	Minimum voltage recorded	368		JEERAT	400 kv s/s	

\$ Excludes 2196 MW contribution from HEPs of Bhutan

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

POWER SUPPLY POSITION FOR THE MONTH OF JANUARY'2021

A) Net Average Energy Per Day

System	Demand Met (MU/Day)	Requirement (MU/Day)	Shortage (MU/Day)	% Shortage
BSPHCL	90.05	90.44	0.38	0.42
JUVNL	27.64	29.03	1.38	4.77
DVC	65.77	65.78	0.01	0.02
ODISHA	75.52	75.53	0.02	0.02
WBSIEDCL	102.78	102.87	0.09	0.08
CESC	21.25	21.26	0.00	0.02
SIKKIM	1.91	1.91	0.00	0.02
REGION	385.74	386.81	1.07	0.28

B) Peak Demand in MW:

System	Demand Met (MW)	Requirement (MW)	Shortage (MW)	% Shortage
BSPHCL	5153	5231	78	1.50
JUVNL	1501	1651	149	9.05
DVC	3141	3141	0	0.00
ODISHA	4306	4310	3	0.08
WBSIEDCL	5600	5600	0	0.00
CESC	1269	1269	0	0.0
SIKKIM	119	119	0	0.00
REGION	20496	20703	207	1.00

➤ **DIVERSITY FACTOR** **1.03**

➤ **Regional Peak Demand Met on 18-1-2021 at 19.00 hrs. at 49.98 Hz.**

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	425.23	425.91	0.69	0.16	50.00
JULY	450.73	451.52	0.79	0.17	50.00	447.56	448.25	0.70	0.16	49.99
AUGUST	460.87	462.13	1.26	0.27	49.99	447.7	449.62	1.93	0.43	49.99
SEPTEMBER	445.43	446.55	1.12	0.25	50.00	465.31	465.52	0.20	0.04	49.99
OCTOBER	391.21	391.95	0.12	0.03	50.00	448.87	448.96	0.09	0.02	50.00
NOVEMBER	344.02	344.15	0.12	0.04	50.00	358.25	358.45	0.20	0.06	49.99
DECEMBER	338.90	339.25	0.35	0.10	49.99	361.19	361.95	0.76	0.21	50.00
JANUARY	349.04	349.39	0.34	0.10	49.99	385.74	386.81	1.07	0.28	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	21832	21989	156	0.71	50.00
JULY	23154	23246	92	0.40	50.00	22643	22735	92	0.40	49.99
AUGUST	23398	23421	22	0.10	49.99	22192	22399	207	0.92	49.99
SEPTEMBER	23126	23276	150	0.64	50.00	23563	23619	56	0.24	49.99
OCTOBER	21706	21726	20	0.09	50.00	23374	23374	0.00	0.00	50.00
NOVEMBER	19212	19291	79	0.41	50.00	20406	20465	59	0.29	49.99
DECEMBER	18068	18068	0	0.00	49.99	19546	19697	151	0.77	50.00
JANUARY	18714	18758	44	0.24	49.99	20496	20703	207	1.00	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 JANUARY -2021

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY	EFFECTIVE CAPACITY	Gross Energy Generation	Net Energy Generation	Cummulative Gross Energy Generation upto Current Month	Cummulative Net Energy Generation upto Current Month
			(in MW)	(in MW)	in MU	in MU	(2020-21) in MU	(2020-21) in MU
BIHAR	NTPC	Barauni (U# 6,7)	220.00	210.00	0.00	-0.71	24.82	7.63
	Thermal	Barauni (U# 8)	250.00	250.00	134.39	120.95	984.99	866.11
		Barauni (U# 9)	0.00	0.00	39.01	35.11	39.01	35.11
		Muzaffarpur Stg-I	220.00	220.00	0.00	0.00	38.58	22.89
		Thermal Total	690.00	680.00	173.40	155.35	1087.40	931.75
	RES		341.25	341.25	52.79	52.79	260.92	260.92
		Total BIHAR	1031.25	1021.25	226.19	208.14	1348.32	1192.67
JHARKHAND								
TVNL	Thermal	TVNL	420.00	420.00	183.08	164.68	1856.12	1628.69
JSEB	Hydro	Subarnrekha (U#1,2)	130.00	130.00	0.00	0.00	50.03	50.03
	RES		46.75	46.75	0.00	0.00	0.00	0.00
		Total	176.75	176.75	0.00	0.00	50.03	50.03
DVC	Thermal	Bokaro-B(3)	210.00	210.00	0.00	-0.92	18.59	10.81
		Chandrapura(U7 # 8)	500.00	500.00	276.75	249.36	2801.56	2528.59
		Durgapur(4)	210.00	210.00	0.00	-0.85	135.82	113.15
		Mezia(1,2,3,4,5,6)	1340.00	1340.00	801.55	721.47	5590.51	5014.39
		Mezia(U # 7,8)	1000.00	1000.00	499.85	475.00	4837.39	4576.87
		Bokaro-A(1)	500.00	500.00	289.92	275.21	2587.91	2443.18
		Durgapur STPS (U#1,2)	1000.00	1000.00	559.93	530.59	4485.37	4212.75
		Raghunathpur TPS (U#1,2)	1200.00	1200.00	383.72	358.90	4007.60	3751.01
		Koderma STPS (U#1,2)	1000.00	1000.00	674.31	641.31	6159.33	5835.06
		Total Thermal	6960.00	6960.00	3486.04	3250.06	30624.07	28483.45
	Hydro	Maithon (U#1,2,3)	63.20	63.20	3.78	3.75	174.35	174.01
		Panchet (U#1,2)	80.00	80.00	5.80	5.76	160.32	159.55
		Tilaya (U#1,2)	4.00	4.00	0.58	0.6	9.15	9.0
		Hydro Total	147.20	147.20	10.15	10.07	343.81	342.61
			Total DVC	7107.20	7107.20	3496.19	3260.13	30967.88
WEST BENGAL								
WBPCL	Thermal	Bandel TPS	380.00	335.00	117.91	106.70	895.88	802.23
		Santalidih TPS(U#5&6)	500.00	500.00	368.64	339.77	2747.02	2512.76
		Kolaghat TPS	1260.00	1260.00	130.46	113.33	1211.78	1038.82
		Bakreswar TPP	1050.00	1050.00	768.02	704.50	6409.69	5842.92
		Sagardighi TPP	1600.00	1600.00	1074.67	1001.95	7581.96	7030.12
		DPPS (300+250 *)	550.00	550.00	305.91	277.73	2149.12	1930.10
		Thermal Total	5340.00	5295.00	2765.61	2543.99	20995.45	19156.95
WBSEDCL	Hydro	Jaldhaka (3x9+2x4)	35.00	35.00	7.56	7.56	186.82	186.82
		Ramam (4x12.73)	51.00	51.00	9.65	9.65	240.35	240.35
		Teesta C.F. (3x3x7.5)	67.50	67.50	0.00	0.00	31.08	31.08
		Purulia PSS (4x225)	900.00	900.00	155.31	155.31	1102.68	1102.68
		Total Hydro	1053.50	1053.50	172.51	172.51	1560.92	1560.92
	RES	527.29	527.29	12.87	12.87	86.04	86.04	
➤		Chandrapura #1 is retired on 17.01.17						
➤		Patratu # 1,2,3,5,8 are retired on 21.12.16						

PERFORMANCE OF GENERATING STATIONS IN THE EASTERN REGION DURING THE MONTH OF JANUARY -2021

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
CESEC	Thermal	Titagarh (4x60)	240.00	240.00	0.00	0.00	0.00	0.00
		Southern (2x67.5)	135.00	135.00	11.34	10.34	54.97	49.74
		Budge-Budge (3x250)	750.00	750.00	453.01	418.69	4487.94	4137.28
		Total CESC	1125.00	1125.00	464.35	429.02	4542.92	4187.01
HEL	Thermal	HEL	600.00	600.00	193.25	178.51	3516.29	3247.89
		Total West Bengal	8645.79	8600.79	3608.60	3336.90	30701.61	28238.81
ODISHA (NTPC)	Thermal	Talcher-I	250.00	240.00	171.73	152.23	1555.99	1380.19
		Talcher-II	220.00	220.00	110.02	97.53	1408.21	1248.74
		Total Thermal	470.00	460.00	281.75	249.75	2964.19	2628.93
OPGC	Thermal	IB TPS	420.00	420.00	174.89	153.93	2198.11	1940.25
		IB TPS U#3(660 MW)	660.00	660.00	294.99	276.82	1868.40	1744.23
		IB TPS U#4(660 MW)	660.00	660.00	360.70	338.48	2899.62	2694.01
OHPC	Hydro	Hirakud-I (Burla)	275.50	275.50	31.58	31.38	571.38	569.08
		Hirakud-II (Chiplima)	72.00	72.00	19.75	19.65	288.31	285.55
		Balimela (6x60+2x75)	510.00	510.00	91.77	91.27	1468.06	1462.81
		Rengali (5x50)	250.00	250.00	27.63	27.53	960.84	958.00
		Upper Kolab (4x80)	320.00	320.00	56.48	56.14	695.54	693.28
		Indravati HPS (4x150)	600.00	600.00	92.51	90.65	1468.90	1436.22
		Mckd.(Odisha drawal)	57.38	57.38	28.47	28.47	251.87	251.87
		Total Hydro	2084.88	2084.88	348.19	345.09	5704.90	5656.81
		RES	511.21	511.21	51.02	51.02	478.63	478.63
		Total Odisha	4806.09	4796.09	1511.55	1415.09	16113.85	15142.85
(**) SIKKIM	Hydro	RES	52.18	52.18	1.00	1.00	14.00	14.00
NTPC		MTPS Stg-II	390.00	390.00	213.2397	191.68	1760.79	1571.57
		FSTPP# I&II (3x200+2x500)	1600.00	1600.00	923.14	857.19	6882.15	6318.57
		FSTPP (U# 6)	500.00	500.00	288.15	267.69	2634.09	2426.48
		KhSTPP (4x210+3x500)	2340.00	2340.00	1085.39	1005.66	10466.13	9626.86
		TSTPP (2x500)	1000.00	1000.00	627.66	578.93	6446.59	5949.75
		BARH STPS II (2X660)	1320.00	1320.00	775.46	733.50	6163.43	5782.34
		BRBCL # 1,2,3(3X250 MW)	750	750	441.46	407.09	3290.17	3008.58
		NSTPS	660.00	660.00	439.83	423.19	4013.10	3803.37
		DSTPP	800.00	800.00	420.45	392.75	3800.92	3541.65
		Total NTPC	9360.00	9360.00	5214.78	4857.68	45457.36	42029.19
NHPC	HYDRO	Rangit (3x20)	60.00	60.00	12.78	12.78	257.34	257.34
		Teesta (3x170)	510.00	510.00	83.30	83.30	2633.95	2633.95
		TLDP -(4x33+4x40)	292.00	292.00	32.34	32.34	1180.81	1180.81
		Total NHPC	862.00	862.00	128.41	128.41	4072.10	4072.10
1302.54		MPL (U#1&2)	1050.00	1050.00	372.11	348.55	5264.10	4935.39
		APNRL (U#1,2)	540.00	540.00	213.30	197.34	2350.00	2173.73
		GMR (2x350)	700.00	700.00	347.32	325.98	4004.42	3743.92
		JITPL (2X600)	1200.00	1200.00	459.62	430.66	4503.66	4221.85
		CHUZACHEN** (2x55)	110.00	110.00	8.46	8.46	469.49	469.49
		JORETHANG (2x48)	96.00	96.00	11.38	11.38	377.16	377.16
		TEESTA URJA St III (6x200)	1200.00	1200.00	166.24	166.24	5709.48	5709.48
		Tashilding (2x48.5)	97.00	97.00	11.68	11.68	350.18	350.18
		DICKCHU (2x48)	96.00	96.00	7.41	7.41	446.40	446.40
		TALCHER SOLAR	10.00	10.00	1.11	1.11	11.00	11.00
		Total Thermal (E.R)	30195.00	30130.00	14985.19	13900.81	134132.11	123747.24
EASTERN REGIONAL		Total Hydro (E.R)	5876.58	5876.58	864.44	861.25	19084.49	19035.19
		Total RES	1488.68	1488.68	118.79	118.79	850.59	850.59
		TOTAL (E.R)	37560.26	37495.26	15968.43	14880.86	154067.19	143633.02
BHUTAN	Hydro	CHPC(4x90)	360.00	270.00	33.05	33.05	1942.89	1942.89
	Hydro	Kurichu (4x15)	60.00	60.00	0.00	0.00	402.88	402.88
	Hydro	TALA (6x170)	1020.00	1020.00	18.46	18.46	3158.28	3158.28
	Hydro	DAGACHU (2x63)	126.00	126.00	16.47	16.47	477.38	477.38
		MANGDECHU(4x180)	720.00	720.00	83.33	83.33	3031.64	3031.64
		Grand Total	39846.26	39691.26	16119.74	15032.16	163080.26	152646.09

PLANT LOAD FACTOR (PLF) OF THERMAL POWER STATIONS IN EASTERN REGION DURING THE MONTH OF JANUARY' 2021

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY	EFFECTIVE CAPACITY	Gross Energy Generation	PLF of Current Month	Cummulative Gross Energy Generation upto Current Month	Cummulative PLF upto Current Month
			(in MW)	(in MW)	in MU	(%)	(2020-21) in MU	(%)
BIHAR	NTPC	Barauni (U# 6,7)	220.00	210.00	0.00	0.00	24.82	1.61
	Thermal	Barauni (U# 8)	250.00	250.00	134.39	72.25	984.99	53.65
		Barauni (U# 9)	0.00	0.00	39.01	0.00	39.01	0.00
		Muzaffarpur Stg-I	220.00	220.00	0.00	0.00	38.58	2.39
		Thermal Total	690.00	680.00	173.40	26.56	1087.40	20.99
	RES		341.25	341.25	52.79		260.92	
		Total BIHAR	1031.25	1021.25	226.19		1348.32	
JHARKHAND								
TVNL	Thermal	TVNL	420.00	420.00	183.08	58.59	1856.12	60.18
JSEB	Hydro	Subarnrekha (U#1,2)	130.00	130.00	0.00		50.03	
	RES		46.75	46.75	0.00		0.00	
		Total	176.75	176.75	0.00		50.03	
DVC	Thermal	Bokaro-B(3)	210.00	210.00	0.00	0.00	18.59	1.21
		Chandrapura(U7 # 8)	500.00	500.00	276.75	74.40	2801.56	76.30
		Durgapur(4)	210.00	210.00	0.00	0.00	135.82	8.81
		Mezia(1,2,3,4,5,6)	1340.00	1340.00	801.55	80.40	5590.51	56.81
		Mezia(U # 7,8)	1000.00	1000.00	499.85	67.18	4837.39	65.87
		Bokaro-A(1)	500.00	500.00	289.92	77.93	2587.91	70.48
		Durgapur STPS (U#1,2)	1000.00	1000.00	559.93	75.26	4485.37	61.08
		Raghunathpur TPS (U#1,2)	1200.00	1200.00	383.72	42.98	4007.60	45.47
		Koderma STPS (U#1,2)	1000.00	1000.00	674.31	90.63	6159.33	83.87
		Total Thermal	6960.00	6960.00	3486.04	67.32	30624.07	59.91
	Hydro	Maithon (U#1,2,3)	63.20	63.20	3.78		174.35	
		Panchet (U#1,2)	80.00	80.00	5.80		160.32	
		Tilaya (U#1,2)	4.00	4.00	0.58		9.15	
		Hydro Total	147.20	147.20	10.15		343.81	
		Total DVC	7107.20	7107.20	3496.19		30967.88	
WEST BENGAL								
WBPCL	Thermal	Bandel TPS	380.00	335.00	117.91	47.31	895.88	36.41
		Santalidih TPS(U#5&6)	500.00	500.00	368.64	99.10	2747.02	74.81
		Kolaghat TPS	1260.00	1260.00	130.46	13.92	1211.78	13.10
		Bakreswar TPP	1050.00	1050.00	768.02	98.31	6409.69	83.12
		Sagardighi TPP	1600.00	1600.00	1074.67	90.28	7581.96	64.53
		DPPS (300+250 *)	550.00	550.00	305.91	74.76	2149.12	53.21
		Thermal Total	5340.00	5295.00	2765.61	70.20	20995.45	53.99
WBSEDCL	Hydro	Jaldhaka (3x9+2x4)	35.00	35.00	7.56		186.82	
		Ramam (4x12.73)	51.00	51.00	9.65		240.35	
		Teesta C.F. (3x3x7.5)	67.50	67.50	0.00		31.08	
		Purulia PSS (4x225)	900.00	900.00	155.31		1102.68	
		Total Hydro	1053.50	1053.50	172.51		1560.92	
		RES	527.29	527.29	12.87		86.04	
		WBPCL,Bandel TPS Unit #3 & Unit #4 (IC=2X82.5 MW,EC=2X60 MW) decommissioned from 01.04.2018.						
		1. IB U#3 (660 MW) COD from 03.07.19						
		2. IB U#4 (660 MW) COD from 21.08.19						
		3.NSTPS U#1(660 MW) COD from 06.09.2019						
	4.BARAUNI TPS U#1(250 MW) COD 01.03.2020							
	5.DARLIPALI S TPS U#1(800 MW) COD 01.03.2020							
	6. DPL U#6 (110 MW) Decommissioned from 28.01.20 as per CEA.							
	7. CTPS U#6 (140 MW) Decommissioned from 19.03.2020 as per CEA.							

ORGANI- SATION	TYPE	POWER STATION	INSTALLED CAPACITY	EFFECTIVE CAPACITY	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 (%)
			(in MW)	(in MW)				
CESC	Thermal	Titagarh (4x60)	240.00	240.00	0.00	0.00	0.00	0.00
		Southern (2x67.5)	135.00	135.00	11.34	11.29	54.97	5.54
		Budge-Budge (3x250)	750.00	750.00	453.01	81.19	4487.94	81.48
		Total CESC	1125.00	1125.00	464.35	55.48	4542.92	54.99
HEL	Thermal		600.00	600.00	193.25	43.29	3516.29	79.80
		Total West Bengal	8645.79	8600.79	3608.60		30701.61	
ODISHA (NTPC)	Thermal	Talcher-I	250.00	240.00	171.73	96.18	1555.99	88.28
		Talcher-II	220.00	220.00	110.02	67.22	1408.21	87.16
		Total Thermal	470.00	460.00	281.75	82.33	2964.19	87.74
OPGC	Thermal	IB TPS	420.00	420.00	174.89	55.97	2198.11	71.26
		IB TPS U#3(660 MW)	660.00	660.00	294.99	60.07	1868.40	38.55
		IB TPS U#4(660 MW)	660.00	660.00	360.70	73.46	2899.62	59.82
OHPC	Hydro	Hirakud-I (Burla)	275.50	275.50	31.58		571.38	
		Hirakud-II (Chiplima)	72.00	72.00	19.75		288.31	
		Balimela (6x60+2x75)	510.00	510.00	91.77		1468.06	
		Rengali (5x50)	250.00	250.00	27.63		960.84	
		Upper Kolab (4x80)	320.00	320.00	56.48		695.54	
		Indravati HPS (4x150)	600.00	600.00	92.51		1468.90	
		Mckd.(Odisha drawal)	57.38	57.38	28.47		251.87	
		Total Hydro	2084.88	2084.88	348.19		5704.90	
		RES	511.21	511.21	51.02		478.63	
		Total Odisha	4806.09	4796.09	1511.55		16113.85	
(**) SIKKIM	Hydro	RES	52.18	52.18	1.00		14.00	
NTPC		MTPS Stg-II	390	390	213.2397	73.49	1760.79	61.48
		FSTPP# I&II (3x200+2x500)	1600.00	1600.00	923.14	77.55	6882.15	58.57
		FSTPP (U# 6)	500.00	500.00	288.15	77.46	2634.09	71.73
		KhSTPP (4x210+3x500)	2340.00	2340.00	1085.39	62.34	10466.13	60.90
		TSTPP (2x500)	1000.00	1000.00	627.66	84.36	6446.59	87.78
		BARH STPS II (2X660)	1320.00	1320.00	775.46	78.96	6163.43	63.58
		BRBCL # 1,2,3(3X250 MW)	750.00	750.00	441.46	79.11	3290.17	59.73
		NSTPS	660.00	660.00	439.83	89.57	4013.10	82.79
		DSTPP	800.00	800.00	420.45	70.64	3800.92	64.69
		Total NTPC	9360.00	9360.00	5214.78	74.88	45457.36	66.13
NHPC	HYDRO	Rangit (3x20)	60.00	60.00	12.78		257.34	
		Teesta (3x170)	510.00	510.00	83.30		2633.95	
		TLDP -(4x33+4x40)	292.00	292.00	32.34		1180.81	
		Total NHPC	862.00	862.00	128.41		4072.10	
	Thermal	MPL (U#1&2)	1050.00	1050.00	372.11	47.63	5264.10	68.27
		APNRL (U#1,2)	540.00	540.00	213.30	53.09	2350.00	59.26
		GMR (2x350)	700.00	700.00	347.32	66.69	4004.42	77.89
		JITPL (2X600)	1200.00	1200.00	459.62	51.48	4503.66	51.10
		CHUZACHEN** (2x55)	110.00	110.00	8.46		469.49	
		JORETHANG (2x48)	96.00	96.00	11.38		377.16	
		TEESTA URJA St III (6x200)	1200.00	1200.00	166.24		5709.48	
		Tashilding (2x48.5)	97.00	97.00	11.68		350.18	
		DICKCHU (2x48)	96.00	96.00	7.41		446.40	
		TALCHER SOLAR	10.00	10.00	1.11		11.00	
		Total Thermal (E.R)	30195.00	30130.00	14985.19	66.67	134132.11	60.60
EASTERN REGIONAL		Total Hydro (E.R)	5876.58	5876.58	864.44		19084.49	
		Total RES	1488.68	1488.68	118.79		850.59	
		TOTAL (E.R)	37560.26	37495.26	15968.43		154067.19	
BHUTAN	Hydro	CHPC(4x90)	360.00	270.00	33.05		1942.89	
	Hydro	Kurichu (4x15)	60.00	60.00	0.00		402.88	
	Hydro	TALA (6x170)	1020.00	1020.00	18.46		3158.28	
	Hydro	DAGACHU (2x63)	126.00	126.00	16.47		477.38	
		MANGDECHU(4x180)	720.00	720.00	83.33		3031.64	
		Grand Total	39846.26	39691.26	16119.74		163080.26	

CONTRIBUTIONS OF DIFFERENT CONSTITUENTS AT THE TIME OF REGIONAL PEAK
DURING THE MONTH OF JANUARY'2021 (18-1-2021)

Date **18-Jan-21**
Time **19.00** Hrs.
Frequency **49.98** Hz.

(All Fig. in MW)

System/State	Installed Capacity	Effective Capacity	Hydro	Thermal	RES	Net Gen Total
BSPHCL	1031	1021	0	322	0	322
JUVNL	597	597	0	246	0	246
DVC	7107	7107	42	4835	0	4877
ODISHA	4806	4796	1077	1378	23	2478
WBSEDCL	6371	6326	573	3279	0	3852
TLDP	292	292	213	0	0	213
HEL HALDIA	600	600	0	270	0	270
CESC	1125	1125	0	766	0	766
DPL	550	550	0	0	0	0
SIKKIM	52	52	0	0	0	0
NTPC	9360	9360	0	7355	0	7355
NHPC	570	570	542	0	0	542
CHUKHA	360	270	13	0	0	13
KURICHU	60	60	-34	0	0	-34
TALA	1020	1020	7	0	0	7
MPL	1050	1050	0	488	0	488
OPGC (660 MW)	0	0	0	0	0	0
APNRL	540	540	0	248	0	248
Kamalganga (GMR)	700	700	0	333	0	333
JITPL	1200	1200	0	561	0	561
Chuzachen	110	110	57	0	0	57
Jorethang	96	96	22	0	0	22
TEESTA URJA St III	1200	1200	504	0	0	504
Tashilding	97	97	34	0	0	34
DICKCHU	96	96	55	0	0	55
<u>Daghachu</u>	126	126	21	0	0	21
<u>Solar</u>	10	10	0	0	0	0
<u>Mangdechhu</u>	720	720	105	0	0	105
<u>Total</u>	39846	39691	3232	20081	23	23335
Import From Captive:						1580
Export To:						
NER						-125
SR						1603
WR						-986
NR						2769
Bangladesh						889
Nepal						270
Total						4419

➤ Net Peak Demand Met (MW) :

20496

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

Hourly Load Generation Data OF ER On Regional Peak Day During The Month of JANUARY'2021 (18-1-2021)

(All Figures in MW)

Generation				Import	Net	Net	Demand	Freq.	Load	
Hrs.	Hydro	Thermal	Total	from Captive	Import From Hydro of Bhutan	Export to other region	Met	Correction	Shed	Requirement
1	309	15206	15515	1540	203	2421	14837	17	0	14854
2	195	14931	15126	1432	211	2324	14444	-6	0	14445
3	286	15034	15320	1298	216	2356	14477	1	0	14479
4	351	15247	15598	1433	213	2658	14586	10	0	14596
5	385	15303	15688	1433	208	3015	14314	9	0	14323
6	712	16638	17349	1557	196	4448	14654	9	0	14663
7	955	18602	19558	1566	167	4982	16308	21	0	16330
8	2326	19695	22021	1520	140	5518	18162	-13	227	18376
9	2877	19937	22814	1467	141	6422	17999	-11	459	18447
10	3309	20194	23503	1412	160	7005	18070	32	364	18465
11	2932	20277	23209	1436	163	7080	17728	17	68	17813
12	1899	20155	22054	1402	161	6471	17146	35	208	17388
13	1079	19931	21011	1377	176	5819	16746	60	234	17040
14	657	19964	20621	1316	174	5709	16401	19	51	16471
15	472	19983	20455	1386	164	6083	15923	25	1	15949
16	401	20032	20433	1462	171	6173	15894	-1	1	15894
17	616	19897	20513	1538	153	5817	16387	27	117	16531
18	1812	20027	21839	1556	115	4478	19032	-17	76	19092
19	3141	20081	23222	1580	113	4419	20496	16	191	20703
20	3454	20146	23600	1570	126	5120	20176	-5	99	20269
21	2005	19928	21933	1553	147	4215	19419	-19	99	19499
22	842	19829	20671	1597	170	4352	18087	-5	45	18127
23	751	19347	20098	1595	189	5042	16839	-4	0	16839
24	918	18114	19032	1555	201	4779	16009	0	0	16009

Hourly Load Generation Data of ER On Regional Lean Day During The Month of JANUARY'2021 (4-1-2021)

(All Figures in MW)

Generation				Import	Net	Net	Demand	Freq.	Load	
Hrs.	Hydro	Thermal	Total	from Captive	Import From Hydro of Bhutan	Export to other region	Met	Correction	Shed	Requirement
1	274	14851	15126	1187	276	3071	13518	7	112	13637
2	189	14412	14602	1079	279	2732	13227	6	55	13288
3	156	14524	14680	892	287	2725	13133	8	0	13141
4	164	14591	14754	886	289	2883	13048	1	0	13049
5	255	14738	14993	890	276	2901	13258	15	42	13315
6	436	15594	16030	994	272	3454	13842	12	88	13942
7	706	17598	18304	989	263	4511	15045	14	90	15150
8	1466	19276	20743	1013	222	5578	16400	40	123	16563
9	2496	19843	22338	950	213	6613	16889	40	217	17145
10	3280	19957	23238	908	210	7509	16847	35	218	17100
11	3202	19784	22985	934	219	8264	15874	-4	211	16081
12	2703	19781	22484	915	218	7973	15645	4	177	15826
13	1804	19912	21715	934	215	7565	15299	13	174	15486
14	403	19821	20224	907	220	7292	14058	11	82	14151
15	428	19582	20010	897	221	7620	13508	13	2	13523
16	448	19629	20077	885	214	7264	13912	12	3	13927
17	728	19771	20499	987	192	6654	15024	7	131	15162
18	1645	19553	21199	1182	166	4960	17586	-28	68	17627
19	2207	19457	21664	1343	202	5062	18147	-8	99	18238
20	1963	19544	21507	1410	215	4892	18241	-6	99	18333
21	1479	19362	20841	1347	231	4868	17552	-9	99	17641
22	507	18256	18763	1349	258	4346	16024	0	129	16153
23	344	17003	17347	1207	286	3841	14999	-17	129	15111
24	300	15989	16288	1145	294	3637	14090	-16	67	14141

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

FOR THE MONTH OF JANUARY'2021

POWER CUT / RESTRICTIONS

BSPHCL	NO NOTIFIED CUTS/RESTRICTIONS However there was loadshedding of 11.262 MU
JUVNL	NO NOTIFIED CUTS/RESTRICTIONS However there was loadshedding of 42.71 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 2.041 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

Jan-21

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-Jan	49.99	49.98	49.99	50.02	50.04	50.00	4.10	76.65	19.25	76.65	50.23	00:01:00	49.72	4:48	50.10	0:00	49.80	0:00
02-Jan	50.01	50.02	49.95	50.00	50.00	49.99	7.70	74.90	17.40	74.90	50.20	06:02:20	49.79	15:55:00	50.10	0:00	49.86	0:00
03-Jan	49.98	49.99	49.99	49.98	49.99	49.98	5.70	79.10	15.20	79.10	50.19	06:03:20	49.82	09:27:20	50.10	0:00	49.87	0:00
04-Jan	49.98	49.95	49.98	50.02	50.03	49.99	5.90	80.10	14.00	80.10	50.15	17:32:40	49.72	07:24:40	50.10	0:00	49.78	0:00
05-Jan	50.00	49.99	49.94	49.96	50.00	49.97	13.85	72.85	13.30	72.85	50.18	22:02:00	49.74	19:21:10	50.09	0:00	49.80	0:00
06-Jan	49.99	49.97	50.03	50.00	50.01	50.00	1.90	78.80	19.30	78.80	50.23	13:01:20	49.87	19:28:30	50.18	0:00	49.92	0:00
07-Jan	49.96	49.96	49.98	49.96	50.01	49.97	12.10	77.50	10.50	77.50	50.14	07:03:00	49.78	20:16:29	50.06	0:00	49.83	0:00
08-Jan	49.94	49.96	50.02	50.02	50.01	49.99	7.80	72.40	19.90	72.40	50.22	17:02:20	49.79	04:12:20	50.11	0:00	49.88	0:00
09-Jan	49.98	50.00	49.99	49.99	49.95	49.99	5.90	77.60	16.50	77.60	50.18	06:35:10	49.74	11:10:20	50.10	0:00	49.83	0:00
10-Jan	49.97	50.00	49.99	49.99	50.02	49.99	4.70	80.40	14.90	80.40	50.14	06:32:50	49.83	21:07:40	50.07	0:00	49.89	0:00
11-Jan	50.00	49.99	50.00	49.99	49.98	50.00	4.50	75.20	20.30	75.20	50.15	12:01:40	49.79	18:41:00	50.09	0:00	49.86	0:00
12-Jan	49.99	50.00	49.98	49.99	49.99	49.99	6.00	78.40	15.60	78.40	50.18	16:02:40	49.76	12:12:00	50.08	0:00	49.84	0:00
13-Jan	49.98	49.94	50.01	50.01	50.03	49.99	5.90	73.60	20.50	73.60	50.23	22:01:10	49.76	06:12:50	50.13	0:00	49.87	0:00
14-Jan	49.98	49.99	50.01	50.01	50.00	50.00	4.00	75.70	20.30	75.70	50.24	18:01:50	49.80	20:36:00	50.09	0:00	49.89	0:00
15-Jan	50.00	50.01	49.99	50.01	50.01	50.00	4.10	76.00	19.90	76.00	50.22	04:03:00	49.76	03:09:00	50.10	0:00	49.88	0:00
16-Jan	49.99	49.99	50.00	49.97	50.00	49.99	5.90	80.50	13.60	80.50	50.14	15:03:10	49.76	17:48:50	50.07	0:00	49.85	0:00
17-Jan	49.97	49.97	49.99	50.02	50.01	49.99	5.45	77.00	17.55	77.00	50.17	21:58:00	49.78	10:19:00	50.07	0:00	49.86	0:00
18-Jan	49.99	49.99	49.96	50.01	50.00	49.98	6.30	80.30	13.40	80.30	50.12	18:01:30	49.75	12:47:50	50.07	0:00	49.86	0:00
19-Jan	49.98	49.97	50.00	49.99	49.97	49.98	8.40	73.50	18.00	73.50	50.20	14:04:40	49.83	03:19:30	50.10	0:00	49.81	0:00
20-Jan	49.98	50.00	50.01	50.00	49.99	50.00	1.90	77.80	20.30	77.80	50.19	18:02:20	49.78	18:49:10	50.08	0:00	49.93	0:00
21-Jan	50.00	50.01	50.01	49.98	50.01	50.00	3.40	75.90	20.70	75.90	50.19	17:03:40	49.79	18:37:10	50.08	0:00	49.84	0:00
22-Jan	50.00	49.99	50.00	49.98	49.98	49.99	5.10	78.00	16.90	78.00	50.20	00:02:20	49.82	18:25:00	50.09	0:00	49.90	0:00
23-Jan	50.01	50.03	49.99	49.99	50.00	50.00	2.50	75.80	21.70	75.80	50.21	13:03:00	49.82	16:55:00	50.09	0:00	49.90	0:00
24-Jan	50.00	50.02	50.02	50.02	50.00	50.01	1.20	73.40	25.40	73.40	50.20	08:01:30	49.84	22:11:20	50.11	0:00	49.93	0:00
25-Jan	50.01	50.05	49.99	50.00	49.98	50.01	2.00	72.40	25.60	72.40	50.19	08:02:30	49.85	12:39:50	50.12	0:00	49.91	0:00
26-Jan	49.97	50.02	50.01	50.02	49.97	50.00	1.50	76.50	22.00	76.50	50.24	17:02:30	49.81	04:13:00	50.10	0:00	49.91	0:00
27-Jan	50.02	50.01	50.02	50.00	49.99	50.01	1.70	71.50	26.80	71.50	50.17	17:01:10	49.83	21:21:40	50.08	0:00	49.93	0:00
28-Jan	49.99	49.96	50.00	50.01	50.03	50.00	4.00	77.20	18.80	77.20	50.18	18:02:30	49.80	05:08:40	50.07	0:00	49.88	0:00
29-Jan	50.01	50.00	49.98	50.02	49.98	50.00	2.20	78.70	19.10	78.70	50.18	04:32:40	49.80	11:43:20	50.08	0:00	49.89	0:00
30-Jan	49.99	50.00	50.00	50.01	50.01	50.00	4.50	73.90	21.60	73.90	50.24	18:02:00	49.70	05:11:30	50.11	0:00	49.81	0:00
31-Jan	50.00	50.00	50.02	50.02	50.01	50.01	0.40	67.85	31.75	67.85	50.22	17:02:50	49.87	05:15:00	50.13	0:00	49.96	0:00
MAX	50.02	50.05	50.03	50.02	50.04	50.01	13.85	80.50	31.75	80.50	50.24		49.87		50.18		49.96	
MIN	49.94	49.94	49.94	49.96	49.95	49.97	0.40	67.85	10.50	67.85	50.12		49.70		50.06		49.78	
AVG	49.99	49.99	50.00	50.00	50.00	49.99	4.86	76.11	19.03	76.11	50.19		49.79		50.10		49.87	

SUMMARY:

Avg. Frequency :

50.0 Hz.

Instantaneous Frequency :

Maximum Frequency : 50.24 Hz at 18:01:50 Hrs.

Minimum Frequency : 49.70 Hz at 05:11 Hrs.

15 Minutes Integrated Frequency :

Maximum Frequency : 50.18 Hz On 00/01/00 at 00:00 Hrs.

Minimum Frequency : 49.78 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	4.86	76.11	19.03

VOLTAGE ANALYSIS

MAXIMUM & MINIMUM VOLTAGES RECORDED AT IMPORTANT 400 KV S/S IN THE MONTH OF JANUARY'2021

(All figs. in kV)

PGCIL	BINAGURI		MAITHON		JEERAT		BIHARSHARIFF	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	420	402	424	405	425	368	423	402

PGCIL	MUZAFFARPUR		JAMSHEDPUR		ROURKELA		JEYPORE	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	418	393	417	401	417	406	422	407

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 (49.4 Hz) (Inst.)	STAGE-II (49.2 Hz) (Inst.)	STAGE-III (49.0 Hz) (Inst.)	STAGE-IV 48.8 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. Revised UFR Scheme (Stg-I 49.4Hz. Stg-II 49.2 Hz Stg-III 49.0 Hz and Stg-IV 48.8 Hz) implemented from March/ April-2020

A.

WATER LEVEL OF MAJOR HYDEL RESERVOIRS OF THE REGION IN
Jan-21

(All figs.in mtrs.)

Name of the Reservoirs	FRL	MDDL	As on last day of the		As on first day of this month & date	
			(31-01-21)	(31-01-20)		
Hirakud	192	180	189.74	190.94	190.83	01.01.21
Balimela	462	439	454.73	458.05	455.98	01.01.21
Rengali	123	109	118.02	122.47	118.94	01.01.21
Upperkolab	858	844	851.09	855.72	852.17	01.01.21
Indravati	642	625	637.14	639.19	637.86	01.01.21
Subernrekha	590	580	585.46	586.04	585.92	01.01.21

B.

CPP/IPP IMPORT by Eastern Region Constituents during
Jan-21

(All figs. are in MU)

System	Tata Power	Crescent Power	JSPL, Angul	Sterlite	Jindal	NALCO	TISCO	Others	Total
JUVNL	0	0	0	0	0	0	0	0	53.11
West Bengal	68.74	26.86	0	0	0	0	0	74.88	170.48
ODISHA	0	0	32.21	383.37	5.44	20.43	0	403.60	845.05
DVC	0	0	0	0	0	0	11.63	0	11.63
TOTAL	68.74	26.86	32.21	383.37	5.44	20.43	11.63	478.49	1080.27

C.

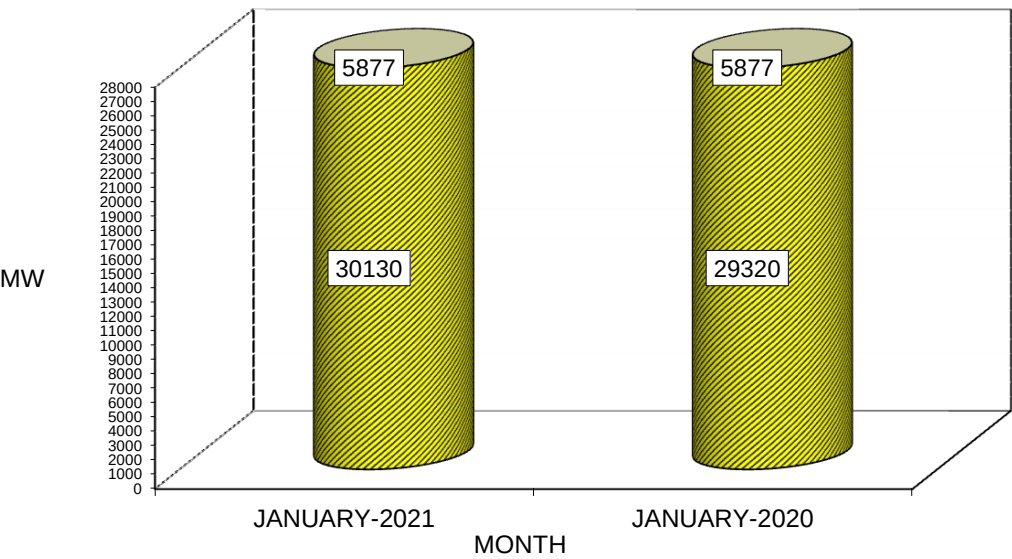
Distribution of Schedule Supply among Key Customers by IPPs during

Jan-21

(All figs. are in MU)

IPP	TPDDL	WBSEDCL/ WBPDCCL	DVC	Sale at IEX/NPCL	ODISHA	JSEB	CTU/Others	Total (Excl. Tr. Loss)
MPL	97.43	94.95	50.33	0.00	0	0	106.57	349.28
Sterlite	0	0	0	0	0.00	0	0.00	0.00
APNRL	0	43.00	0	7.00	0.00	97.00	53.00	200.00
Total	97.43	137.95	50.33	7.00	0.00	97.00	159.57	549.28

EFFECTIVE CAPACITY OF EASTERN REGIONAL GRID

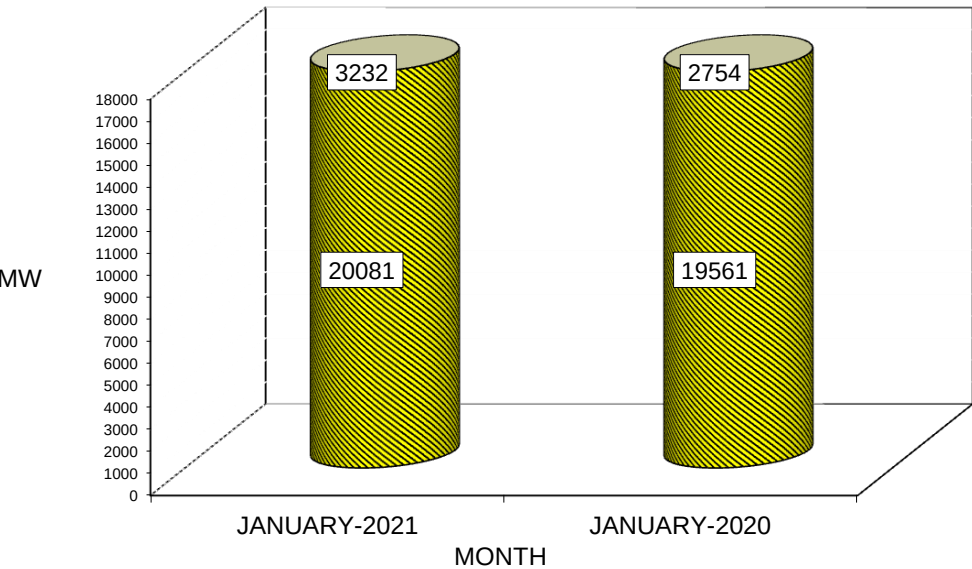


■ HYDRO *

■ THERMAL

*Excludes contribution from HEPs of Bhutan

GENERATION CORRESPONDING TO PEAK DEMAND MET

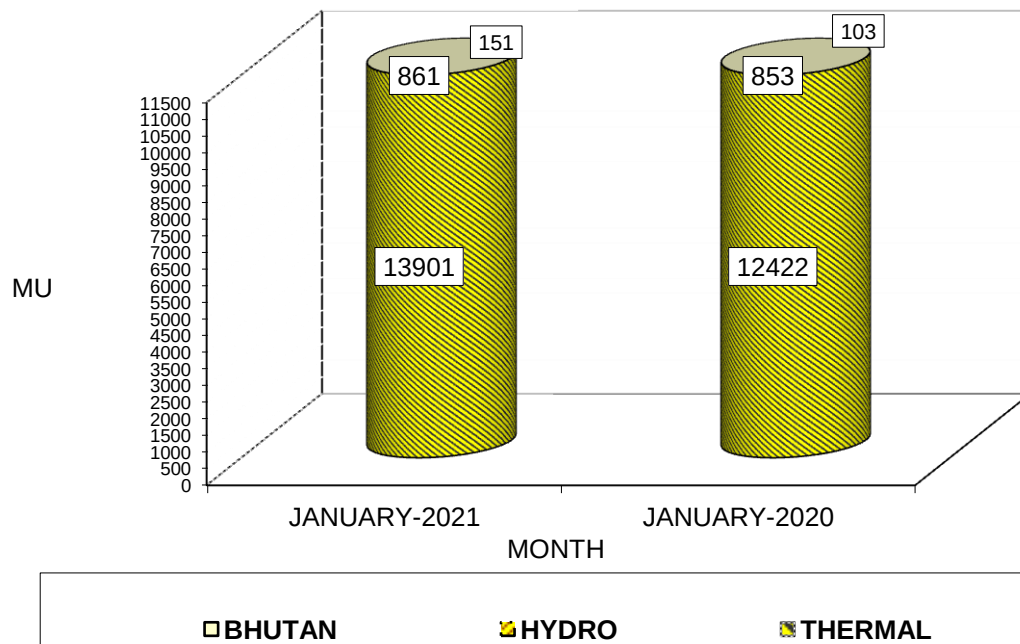


■ HYDRO *

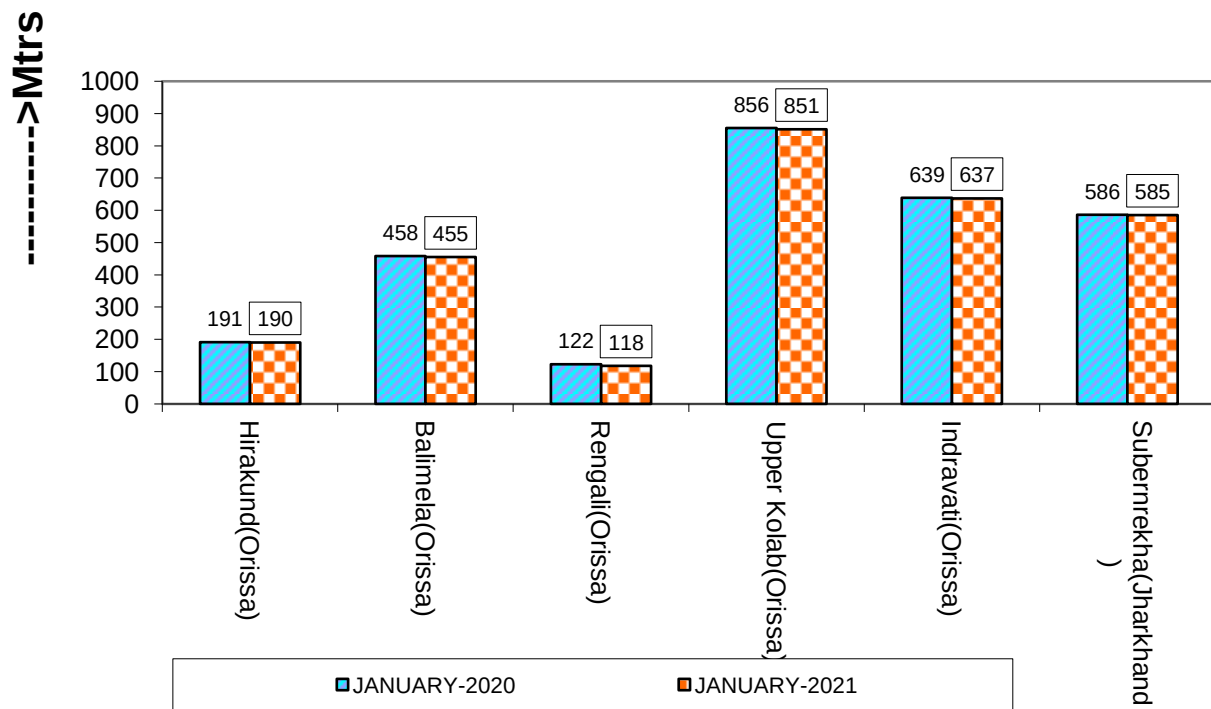
■ GAS+DIESEL

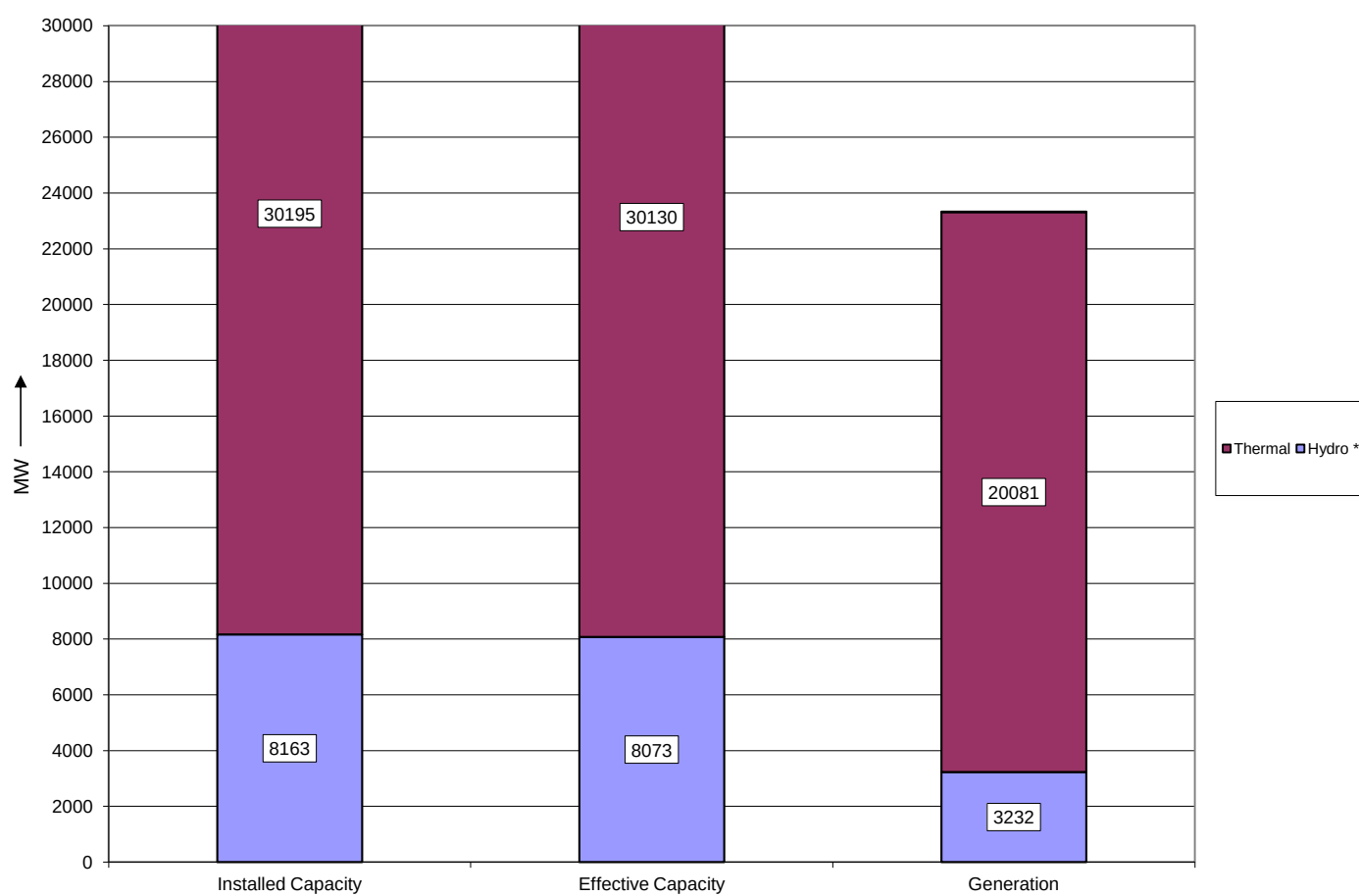
*Includes contribution from HEP of Bhutan

NET ENERGY GENERATION



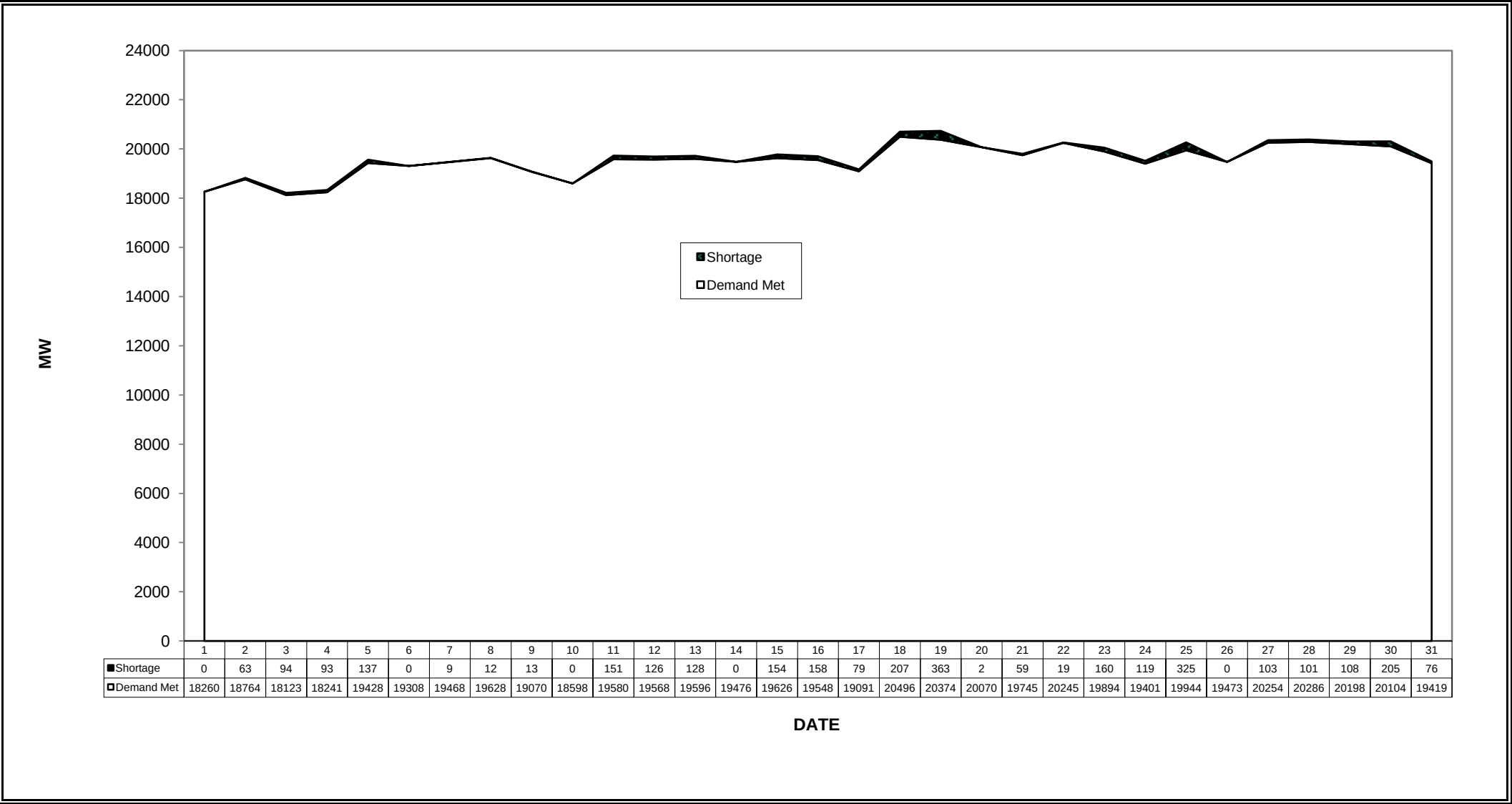
RESERVOIR LEVEL OF HPS OF ER (RECORDED ON LAST DAY OF MONTH)



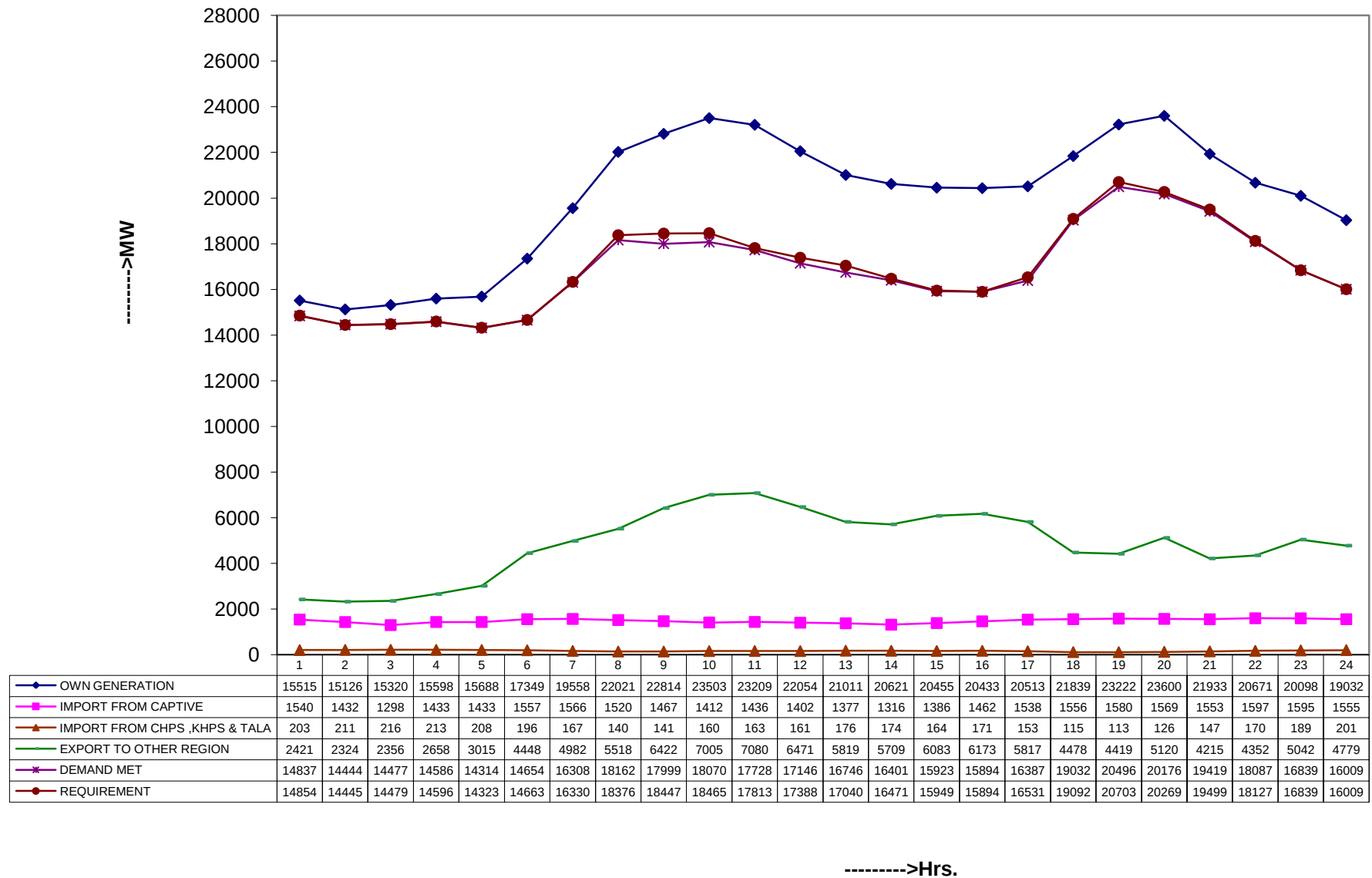
Capacity / Actual Generation Pattern of ER on Peak Day (18-1-2021) at 19.00 hrs.

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

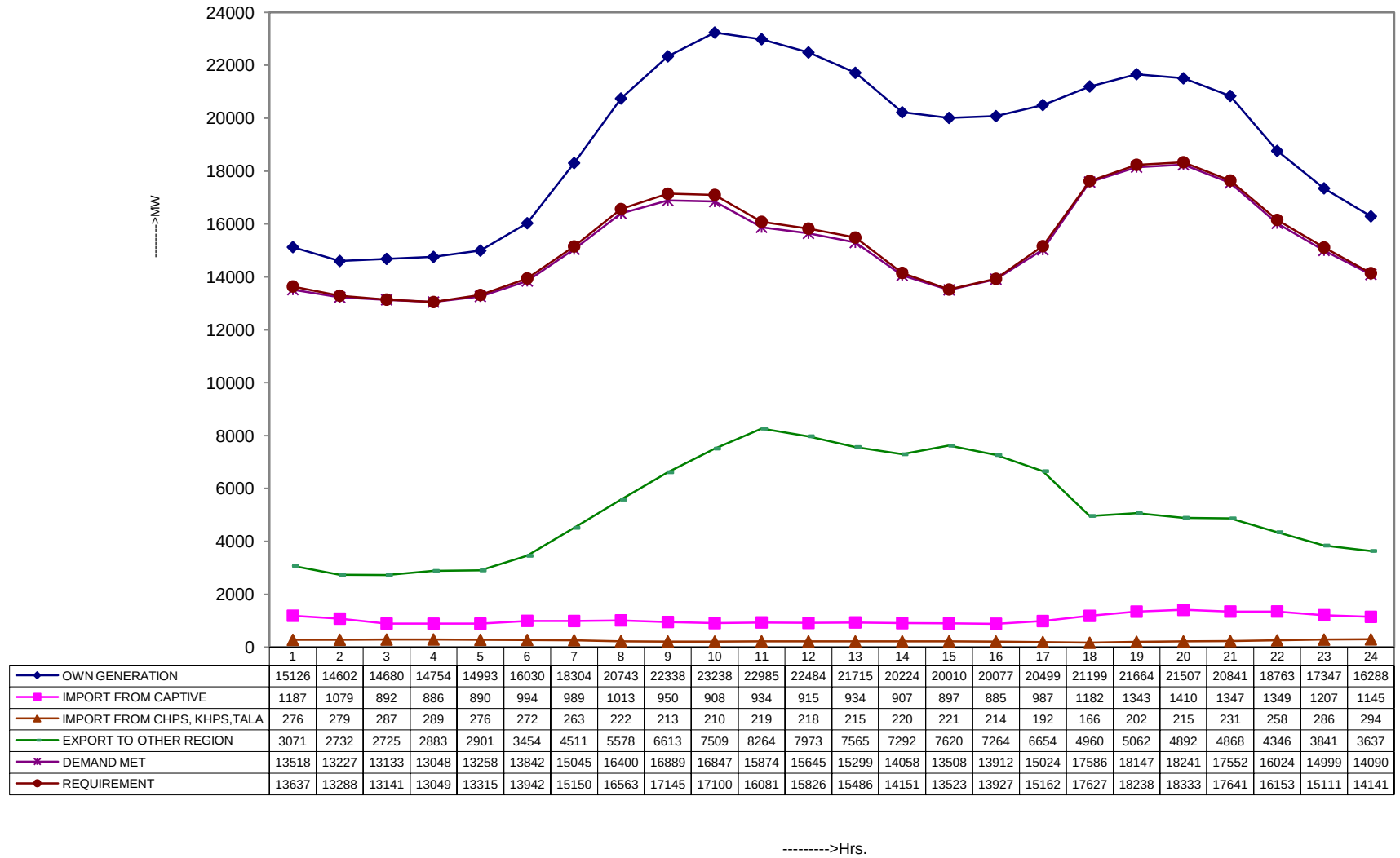
Peak Demand Met / Shortage of Eastern Region For The Month Of JANUARY'2021



Hourly Load Generation Data OF ER On Regional Peak Day During The Month of JANUARY'2021 (18-1-2021)

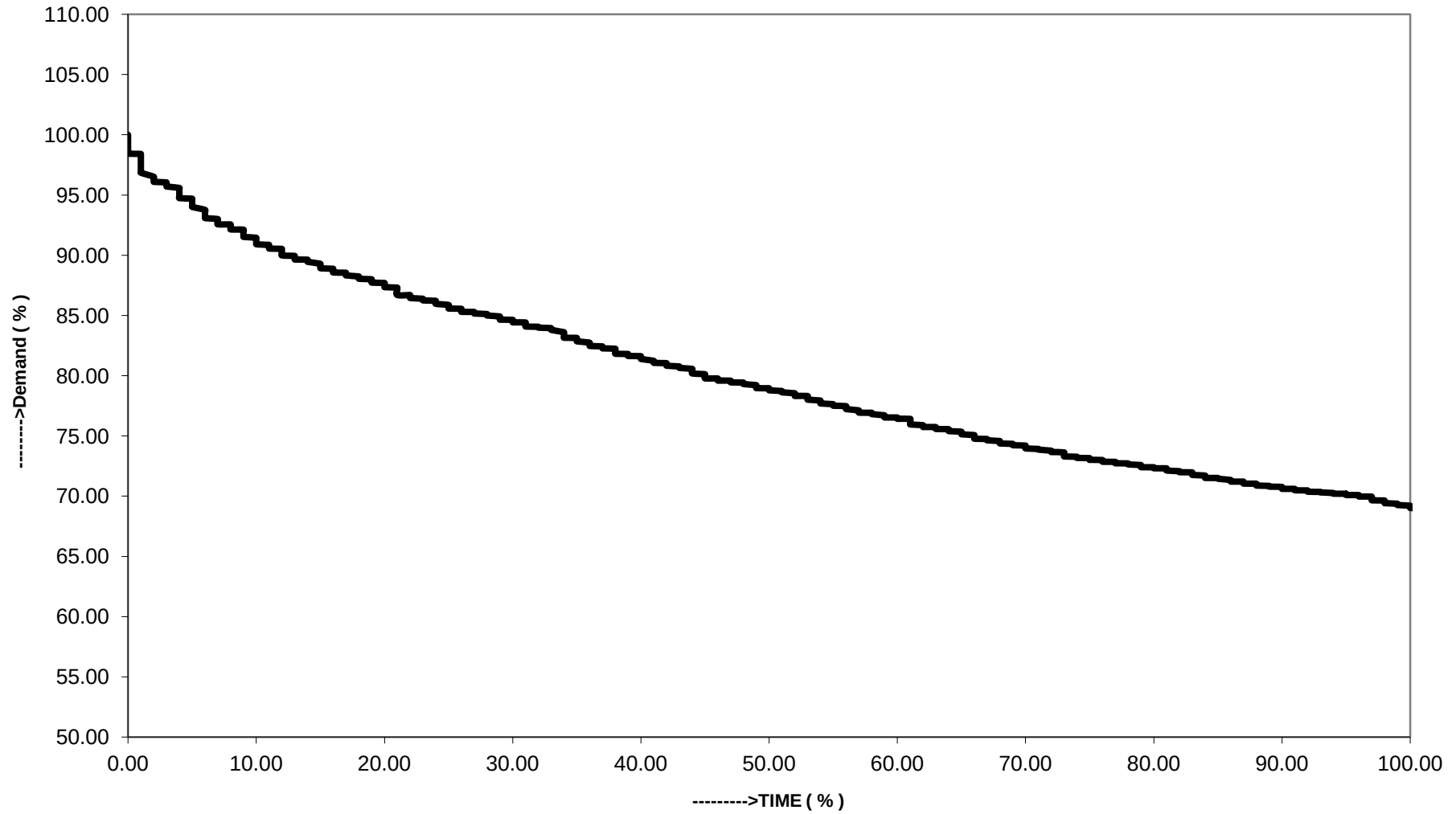


Hourly Load Generation Data of ER On Regional Lean Day During The Month of JANUARY'2021 (4-1-2021)



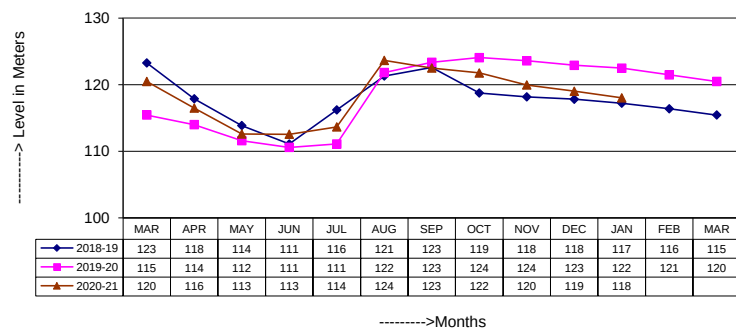
Monthly Load Duration Curve of Eastern Region for JANUARY-2021

Maximum Demand met : 20496 MW
Minimum Demand met: 13048 MW

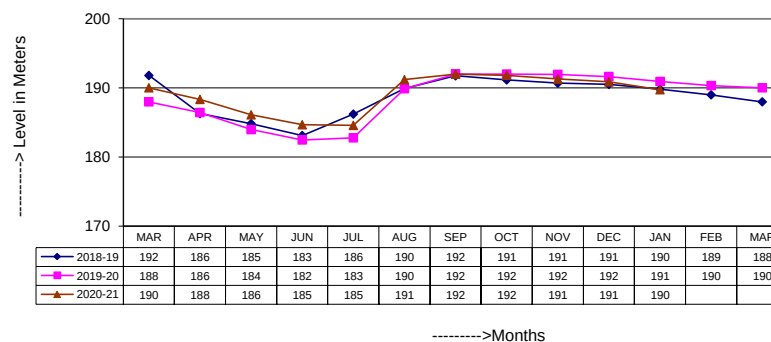


WATER LEVEL IN MAJOR RESERVOIRS ON LAST DATE OF MONTH

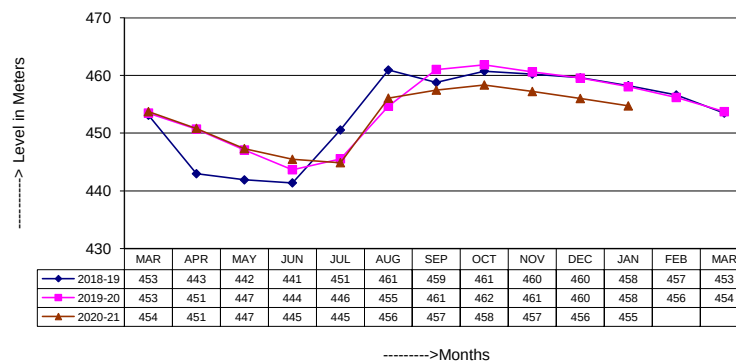
RENGALI RESERVOIR LEVEL



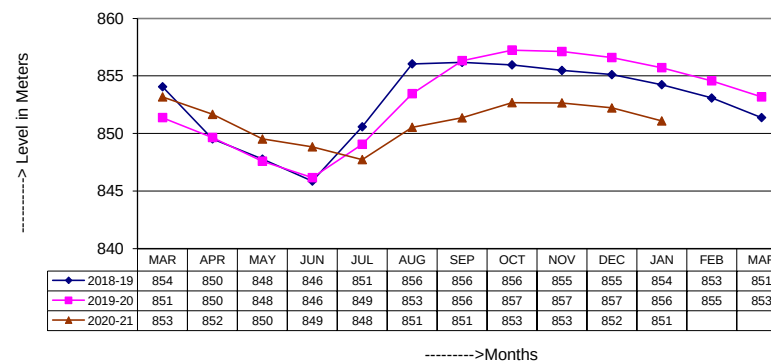
HIRAKUD RESERVOIR LEVEL



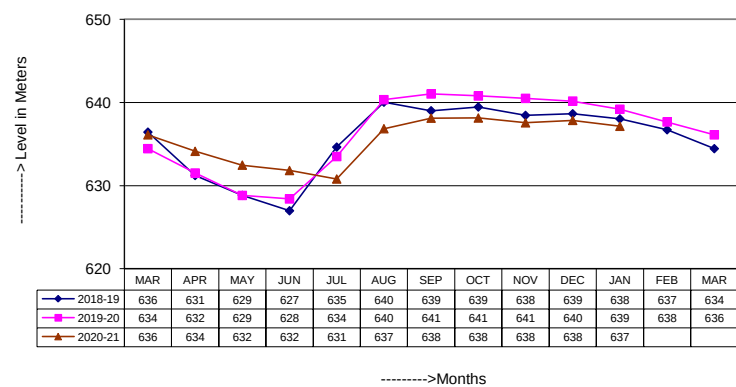
BALIMELA RESERVOIR LEVEL



UPPER KOLAB RESERVOIR LEVEL



INDRAVATI RESERVOIR LEVEL



SUBERNREKHA RESERVOIR LEVEL

