

**Eastern Regional Power Committee
KOLKATA**

FAX MESSAGE NO. FAX NO :: 011-26109750/26732634

Date : 25.07.16

TO :: Chief Engineer,GM Div.,CEA

FROM :: EE (O), ERPC,KOLKATA

SUBJECT : REVISED POWER SUPPLY POSITION OF EASTERN REGION FOR THE MONTH OF

June' 16

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A Generation Details		IMPORT from Bhutan											
Sl.No	Constituents	BIHAR	DVC	JHARKHA	ODISHA	W. BENGAL	SIKKIM	NTPC	NHPC	CHPS	KHPS	TALA HPS	REGION
(i)	Gross/Net Generation (MU)												
	Thermal												
	i) Coal	0.00	2513.94	144.81	262.98	2368.21		3634.65					8924.60
	ii) Liquid												
	iii) Gas Open Cycle												
	iv) Gas Combined Cycle												
	v) Nuclear												
	Hydro/Other Sources	0.65	1.13	0.00	310.20	160.01	1.00		352.49	164.39	39.73	323.71	1353.31
	* IPP & INFIRM (Through CTU)												1932.25
	CPPs/PPs	0.01	0.00		623.63	688.00							1311.64
	Wind Mill												
	Total (MU)	0.66	2515.07	144.81	1196.80	3216.23	1.00	3634.65	352.49	164.39	39.73	323.71	13521.79
(ii)	Dedicated Power Stn												
	(i)TTPS of Orissa				292.70								292.70
	(ii)MTPS of Bihar	90.37											90.37
	Total (MU) I+II	91.03	2515.07	144.81	1489.50	3216.23	1.00	3634.65	352.49	164.39	39.73	323.71	13904.87
(iii)	Actual Demand Met (Gross MW)	3457.00	2831.00	1144.00	4052.00	7872.00	93.00						18791
	* Includes Generation of MPL, SSL, APNRL,GMR, JITPL, TPTCL, CHUZACHEN,JORETHANG												
B Energy Availability/Requirement(Ex -Bus MU)													
	Constituents	BIHAR	DVC	JHARKHA	ODISHA	W. BENGAL	SIKKIM	NTPC	NHPC	CHPS	KHPS	TALA HPS	REGION
1	Own Generation (MU)												
	Thermal												
	i) Coal	0.00	2237.41	128.88	236.68	2131.39		3634.65					8369.01
	iii) Gas Open Cycle												
	iv) Gas Combined Cycle												
	v) Nuclear												
	Hydro	0.65	1.13	0.00	310.20	160.01	1.00		352.49	164.39	39.73	323.71	1353.31
	IPP & INFIRM (Through CTU)												1932.25
	CPPs/PPs		0.00		623.63	688.00							1311.63
	Wind Mill												
	Total (1) (MU)												
2	Dedicated Power Stn												
2.1	TTPS				263.43								263.43
2.2	MTPS	83.14											83.14
	Total Own Gen. , IPP, CPP, & Dedicated	83.79	2238.54	128.88	1433.94	2979.41	1.00	3634.65	352.49	164.39	39.73	323.71	13312.77
3	Net Drawal from Grid (inc. Bi-lateral)	2027.86	-919.67	484.59	907.46	1258.29	35.35						-2653.34
4	Total Availability	2111.65	1318.86	613.48	2341.39	4237.69	36.35						10659.43
5	Unrestricted Requirement	2126.80	1330.95	615.95	2341.39	4251.50	36.35						10702.94
6	Shortage	15.15	12.09	2.47	0.00	13.81	0.00						43.51
7	% Shortage	0.71	0.91	0.40	0.00	0.32	0.00						0.41

C	Details of calculation	BIHAR	DVC	JHARKHAND	ODISHA	WEST BENGAL	SIKKIM	REGION
1	Availability	2111.65	1318.86	613.48	2341.39	4237.69	36.35	10659.43
2	Frequency Correction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Load Shedding	15.15	12.09	2.47	0.00	13.81	0.00	43.52
4	Power Cuts	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Unrestricted Requirement(1+2+3+4)	2126.80	1330.95	615.95	2341.39	4251.50	36.35	10702.94

D	Peak Demand/Demand Met(Ex- Bus) (MW)	BIHAR	DVC	JHARKHAND	ODISHA	WEST BENGAL	SIKKIM	REGION
1	Peak Demand	3591	2686	1119	3970	7564	93	18379
2	Demand Met	3441	2686	1119	3970	7542	93	18213
3	Date & Time of Peak Demand Met							
4	Frequency Correction	0	0	0	0	0	0	
5	Load Shedding	150	0	0	0	22	0	
6	Power Cuts							
7	Shortage	150	0	0	0	22	0	166
8	% Shortage	4	0	0	0	0.29	0	1
9	Avg. of Daily Max. Shortage	NA	NA	NA	NA	NA	NA	NA
10	Max. of Daily Shortage	NA	NA	NA	NA	NA	NA	NA

E Frequency Profile of Eastern Regional Grid for June'2016

Frequency Range	<49.9	49.9-50.05	>50.05
	7.63	74.09	18.28

Frequency (HZ)	INSTANT. MAXIMUM	INSTANT. MINIMUM	15 MINUTES BLOCK MAXIMUM	15 MINUTES BLOCK MINIMUM	MONTHLY AVERAGE
	50.37	49.65			50.02
Date	14.06.16	29.06.16			
Time	14.27 hrs.	19.37 hrs.			

I		PowerCuts/Restrictions on Industries, Load Shedding in the State	FORMAT- 28 Page 3/3	
1	BIHAR	Quantum of Power Cut(MW)	Restriction Timing	Total Energy Cut(Mkwh/Day)
a)	Power Cuts/ Restrictions on HT/LT Industries		NO NOTIFIED CUTS	
b)	Load Shedding			
c)	Any other Information			
	i) weekly Off			
	ii) Staggering of Power Supply			
2	JHARKHAND			
a)	Power Cuts/ Restrictions on HT/LT Industries		NO NOTIFIED CUTS	
b)	Load Shedding			
c)	Any other Information			
	i) weekly Off			
	ii) Staggering of Power Supply			
3	ODISHA			
a)	Power Cuts/ Restrictions on HT/LT Industries		NO NOTIFIED CUTS	
b)	Load Shedding			
c)	Any other Information			
	i) weekly Off			
	ii) Staggering of Power Supply			
4	WEST BENGAL			
a)	Power Cuts/ Restrictions on HT/LT Industries		NO NOTIFIED CUTS	
b)	Load Shedding			
c)	Any other Information			
	i) weekly Off			
	ii) Staggering of Power Supply			

II		Power Supply to Agriculture Sector		
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			ABOUT 18 HRS
2	JHARKHAND			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			ABOUT 20 HRS
3	ORISSA			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			24 HRS
4	WEST BENGAL			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			ABOUT 23 HRS

No Major grid disturbance occurred in ER during June, 2016

(D.K.Bauri)
EE (O)