

**Eastern Regional Power Committee  
KOLKATA**

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

Date : 27.06.16

TO :: Chief Engineer,GM Div.,CEA

FROM :: EE (O), ERPC,KOLKATA

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

**May' 16**

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										IMPORT from Bhutan			
Sl.No	Constituents	BIHAR	DVC	JHARKHA	ODISHA	W. BENGAL	SIKKIM	NTPC	NHPC	CHPS	KHPS	TALA HPS	REGION
A	Generation Details												
(i)	Gross/Net Generation (MU)												
	Thermal												
	i) Coal	0.00	2684.46	159.91	330.07	1922.96		3590.42					8687.81
	ii) Liquid												
	iii) Gas Open Cycle												
	iv) Gas Combined Cycle												
	v) Nuclear												
	Hydro/Other Sources	0.33	1.14	0.00	300.82	125.23	1.00		295.17	84.97	20.28	135.33	964.27
	* IPP & INFIRM (Through CTU)												2469.92
	CPPs/PPs	7.12	10.94		665.05	505.02							1188.13
	Wind Mill												
	Total (MU)	7.45	2696.54	159.91	1295.94	2553.21	1.00	3590.42	295.17	84.97	20.28	135.33	13310.13
(ii)	Dedicated Power Stn												
	(i)TTPS of Orissa				200.38								200.38
	(ii)MTPS of Bihar	112.91											112.91
	Total (MU) I+II	120.36	2696.54	159.91	1496.32	2553.21	1.00	3590.42	295.17	84.97	20.28	135.33	13623.41
(iii)	Actual Demand Met (Gross MW)	3655.00	2781.00	1524.00	3964.00	8121.00	93.00						19457
	* 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	2389.17	142.32	297.06	1730.66		3590.42					8149.63
	iii) Gas Open Cycle												
	iv) Gas Combined Cycle												
	v) Nuclear												
	Hydro	0.33	1.14	0.00	300.82	125.23	1.00		295.17	84.97	20.28	135.33	964.27
	IPP & INFIRM (Through CTU)												2469.92
	CPPs/PPs		10.94		665.05	505.02							1181.01
	Wind Mill												
	Total (1) (MU)												
2	Dedicated Power Stn												
2.1	TTPS				180.34								180.34
2.2	MTPS	103.88											103.88
	Total Own Gen. , IPP, CPP, & Dedicated	104.21	2401.25	142.32	1443.27	2360.91	1.00	3590.42	295.17	84.97	20.28	135.33	13049.04
3	Net Drawal from Grid (inc. Bi-lateral)	2354.72	-947.06	566.06	1046.07	1588.95	41.81						-1945.52
4	Total Availability	<b>2458.93</b>	<b>1454.20</b>	<b>708.38</b>	<b>2489.34</b>	<b>3949.86</b>	<b>42.81</b>						<b>11103.52</b>
5	Unrestricted Requirement	<b>2474.63</b>	<b>1465.70</b>	<b>708.38</b>	<b>2489.34</b>	<b>3976.73</b>	<b>42.81</b>						<b>11157.58</b>
6	Shortage	15.70	11.50	0.00	0.00	26.86	0.00						54.07
7	% Shortage	<b>0.63</b>	<b>0.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.68</b>	<b>0.00</b>						<b>0.48</b>

C	Details of calculation	BIHAR	DVC	JHARKHAND	ODISHA	WEST BENGAL	SIKKIM	REGION
1	Availability	<b>2458.93</b>	<b>1454.20</b>	<b>708.38</b>	<b>2489.34</b>	<b>3949.86</b>	<b>42.81</b>	<b>11103.52</b>
2	Frequency Correction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Load Shedding	15.71	11.50	0.00	0.00	26.86	0.00	54.07
4	Power Cuts	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Unrestricted Requirement(1+2+3+4)	<b>2474.63</b>	<b>1465.70</b>	<b>708.38</b>	<b>2489.34</b>	<b>3976.73</b>	<b>42.81</b>	<b>11157.58</b>

D	Peak Demand/Demand Met( Ex- Bus) (MW)	BIHAR	DVC	JHARKHAND	ODISHA	WEST BENGAL	SIKKIM	REGION
1	Peak Demand	<b>3662</b>	<b>2478</b>	<b>1498</b>	<b>3898</b>	<b>7665</b>	<b>93</b>	<b>18642</b>
2	Demand Met	<b>3638</b>	<b>2478</b>	<b>1498</b>	<b>3898</b>	<b>7641</b>	<b>93</b>	<b>18596</b>
3	Date & Time of Peak Demand Met							
4	Frequency Correction	0	0	0	0	0	0	
5	Load Shedding	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	
6	Power Cuts							
7	Shortage	24	0	0	0	24	0	46
8	% Shortage	1	0	0	0	0.31	0	0
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 May'2016

Frequency Range	<49.9	49.9-50.05	>50.05
	<b>6.68</b>	<b>69.80</b>	<b>23.52</b>

	INSTANT. MAXIMUM	INSTANT. MINIMUM	15 MINUTES BLOCK MAXIMUM	15 MINUTES BLOCK MINIMUM	MONTHLY AVERAGE
Frequency (HZ)	50.44	49.56			50.00
Date	18.05.16	26.05.16			
Time	17:31 hrs.	22:12 hrs			

I		PowerCuts/Restrictions on Industries, Load Shedding in the State	FORMAT- 28 Page 3/3	
		Quantum of Power Cut(MW)	Restriction Timing	Total Energy Cut( MkwH/Day)
<b>1</b>	<b>BIHAR</b>			
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			
<b>2</b>	<b>JHARKHAND</b>			
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			
<b>3</b>	<b>ODISHA</b>			
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			
<b>4</b>	<b>WEST BENGAL</b>			
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
<b>2</b>	<b>JHARKHAND</b>			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			ABOUT 20 HRS
<b>3</b>	<b>ORISSA</b>			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			24 HRS
<b>4</b>	<b>WEST BENGAL</b>			
a)	Three Phase Supply			
b)	Single Phase Supply			
c)	Remarks/Notes/Any other			ABOUT 23 HRS

No Major grid disturbance occurred in ER during May, 2016

(A.K. Bandhyopadhyaya)  
Member Secretary, ERPC