## पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day Date of Reporting 18-Aug-14

## A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42007	35134	30193	14849	1875	124058
Peak Shortage (MW)	2345	1308	1875	0	400	5928
Energy Met (MU)	958	823	730	306	37	2853
Hydro Gen(MU)	321	61	127	78	23	609
Wind Gen(MU)	7	28	42			77

B. Frequency Profile (%)

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	3.21	7.40	21.30	31.92	55.56	12.52
SR GRID	0.00	3.21	7.40	21.30	31.92	55.56	12.52

		Max. Demand Met	Shortage during	Energy	Drawal	OD(+)/	Max
RegionRegion	States	during the day (MW)	maximum Demand (MW)	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW)
	Punjab	8951	0	198.7	124.3	-0.9	89
	Haryana	7985	0	172.1	107.3	-1.4	227
	Rajasthan	7465	273	171.5	43.2	1.6	318
	Delhi	4538	0	90.6	67.3	-1.8	202
NR	UP	11270	3325	253.3	134.1	4.0	706
	Uttarakhand	1615	55	33.2	16.2	0.0	158
	HP	1093	0	23.1	-2.9	-0.5	133
	J&K	1618	100	11.0	14.2	-3.2	207
	Chandigarh	244	0	4.9	5.2	-0.3	25
	Chhattisgarh	2964	79	72.7	21.1	3.1	311
	Gujarat	8950	0	206.0	37.0	-1.1	362
	MP	6674	0	137.7	77.1	2.4	309
	Maharashtra	16990	598	368.9	116.0	9.4	824
WR	Goa	368	0	7.6	6.6	0.6	88
	DD	270	0	5.9	5.2	0.6	89
	DNH	635	0	15.0	15.0	0.1	47
	Essar steel	414	0	8.8	8.3	0.5	11
	Andhra Pradesh	6123	0	141.0	31.2	1.6	222
	Telangana	6174	1500	136,9	62.9	2.2	417
SR	Karnataka	7130	300	156.3	18.6	3.4	276
эĸ	Kerala	2958	75	54.2	27.3	0.9	221
	Tamil Nadu	11019	0	235.9	67.6	1.2	296
	Pondy	263	0	5.2	5.2	0.0	32
	Bihar	2225	200	45.2	43.0	-0.3	160
	DVC	2266	0	49.9	-7.4	0.3	225
ER	Jharkhand	937	0	18.8	13.0	-0.8	10
EK	Odisha	3396	0	69.2	20.4	0.3	210
	West Bengal	6468	0	121.6	36.9	0.5	110
	Sikkim	77	0	1.1	1.2	-0.1	27
NER	Arunachal Pradesh	88	22	1.5	1.9	-0.4	9
	Assam	1136	228	23.5	15.7	3.5	278
	Manipur	133	5	1.6	2.6	-1.0	26
	Meghalaya	260	0	4.4	0.1	-0.4	37
	Mizoram	72	13	1.1	1.2	-0.3	13
	Nagaland	92	13	1.8	2.0	-0.6	4
	Tripura	180	36	2.5	1.9	-0.8	52

 $\underline{ \text{ D. Transnational Exchanges } (MU) \text{ - Import}(+ve) / \text{Export}(-ve) }$ 

	Bhutan	Nepal	Bangladesh	
Actual(MU)	32.3	-2.0	-9.2	
Max MW		-106.0	-394.0	

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER
Schedule(MU)	112.1	-90.7	43.4	-61.8	-5.3
Actual(MU)	122.3	-99.5	38.7	-57.2	-6.1
O/D/U/D(MU)	10.2	-8.8	-4.7	4.6	-0.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4858	9222	2960	3200	110	20350
State Sector	5265	14765	2300	6509	110	28949
Total	10123	23987	5260	9709	220	49299

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के॰वि॰प्रा॰(ग्रि॰प्र॰)/ अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिङ)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

SINO	8		INTER-RE	CGIONAL	EXCHA	<u>NGES</u>	Date of I	18-Aug-14		
Signature   Line Details   Circuit   Import   Suport   Import   (MU)   (MU)   Import   (MU)   (MU)   Import   (MU)   Import							Import=(+ve) /Export		t =(-ve)	
Import/Export of ER (With NR)	Sl No		Line Details	Circuit	Import	Export	Import (MU)	1	NET (MU)	
765KV	Import/E	xport of	ER (With NR)	•						
2   SASARAFATEHPUR   D.C   0   0   0.0   5.5   3   HVDC   LINK   PUSAULI B/B   S/C   0   0   0.0   0.0   0.0   4   FUSAULI-SARNATH   S/C   192   0   1.8   0.0   5   6   7   7   400 KV   PUSAULI-ALIAHABAD   D/C   37   0   0.3   0.0   7   8   PUSAULI-ALIAHABAD   D/C   0   -738   0.0   -16.5   PATIN-BALIA   D/C   0   -738   0.0   -16.5   PATIN-BALIA   D/C   0   -205   0.0   -9.9   10   220 KV   PUSAULI-SAHIPUR   S/C   0   -408   0.0   -5.7   11   11   12   13   KV   FUSAULI-SAHIPUR   S/C   0   -181   0.0   -3.5   11   12   13   KV   GARWAIR-BHAND   S/C   0   -181   0.0   -3.5   11   14	1	765KV	GAYA-FATEHPUR	S/C	0	-135	0.0	-3.4	-3.4	
1.   1.   1.   1.   1.   1.   1.   1.	2	703K V	SASARAM-FATEHPUR	D/C	0	0	0.0	-5.5	-5.5	
4	3		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0	
PUSACLI -ALIAHABAD	4	LINK	PUSAULI-SARNATH	S/C	192	0	1.8	0.0	1.8	
60   No   No   No   No   No   No   No   N				_				<b>-</b>	0.3	
PATRA-BALIA   D.C   0   -205   0.0   9-9		400				-738	0.0		-16.5	
PUSAULI-BALIA	7	400 KV	PATNA-BALIA	D/C	0	-205	0.0	-9.9	-9.9	
10   220 KV   PUSAULI-SAHUPURI   S/C   0	8		BIHARSHARIFF-BALIA	S/C	0	-408	0.0	-8.7	-8.7	
11   12   132 KV	9		PUSAULI-BALIA	D/C	0	-8	0.0	-0.1	-0.1	
12   13   13   14		220 KV						<b>-</b>	-3.5	
13									0.0	
Mariana   Mar		132 KV							0.8	
Import/Export of ER (With WR)								-	0.0	
Import/Export of ER (With WR)   15	14		NANIVIANASA-CHANDAULI	S/C	U				-44.6	
15	Import/E	xport of	ER (With WR)					4110		
16		•	1	S/C	-61	123	0.0	0.8	0.8	
17		/05 KV							-0.2	
STERLITE-RAIGARH	17		`	S/C	0	0	0.0	0.0	0.0	
20 RANCHI-SIPAT DC 114 0 0.0 0.0 -0.5 21 22 20 KV BUDHIPADAR-ANGARH S/C 51 -70 0.1 -0.7 22 20 KV BUDHIPADAR-ANGARH S/C 51 -70 0.1 -0.7 23 BUDHIPADAR-KORBA DC 68 -17 0.4 -0.1  ER-WR 0.8 -4.8  Import/Export of ER (With SR)  23 HYDC EPYPORE-GAZUWAKA B/B DC 0 -766 0.0 -16.1  24 400 KV TALCHER-KOLAR BIPOLE DC 0 -2170 0.0 -44.1  24 400 KV TALCHER-KOLAR BIPOLE DC 0 0 0.0 0.0 0.0  25 220 KV BALIMELA-UPPER-SILERRU S/C 0 0 0 0.0 0.0  25 220 KV BALIMELA-UPPER-SILERRU S/C 0 0 0 0.0 0.0  26 400 KV BINAGURI-BONGAIGAON DC 4 58 0.3 0.0  27 220 KV BIRPARA-SALAKATI D/C 4 58 0.3 0.0  Import/Export of WR (With NR)  28 HVDC VCHAL B/B DC 500 -250 8.2 0.0  Import/Export of WR (With NR)  28 HVDC VCHAL B/B DC 500 -250 8.2 0.9  29 765 KV GWALIOR-AGRA DC 30 -2080 0.0 -26.3  30 400 KV ZERDA-BHINMAL S/C 228 -116 1.3 0.0  31 400 KV ZERDA-BHINMAL S/C 228 -116 1.3 0.0  32 400 KV VCHAL -RIHAND S/C 0 4-479 0 -9  33 BADDD-KOTA S/C 90 0 1.1 0.0  34 400 KV WOHAL -RIHAND S/C 96 0 1.1 0.0  35 20 KM BADDD-MORAK S/C 96 0 1.1 0.0  36 BADDD-MORAK S/C 96 0 1.1 0.0  37 132KV GWALIOR-SAWAI MADHOPUR S/C 10 0 0.0 0.0 0.0  38 HVDC APL -MHG D/C 0 -2016 0.0 -49.9  Import/Export of WR (With SR)  39 HVDC APL -MHG D/C 0 -2016 0.0 -49.9  Import/Export of WR (With SR)  39 HVDC BADAR-WATI B/B - 0 0 -1000 0.0 0.0 -23.3  400 LINK BARSUR-LSILERU - 0 0 0 0.0 0.0 0.0  41 765 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 -10.2  42 KOLHAPUR-CHIKODI D/C 0 -128 0.0 -2.4  43 220 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 -10.2  44 ENDAL SELECTION D/C 124 -847 0.0 0 0.0  45 SELECTION D/C 124 -847 0.0 0 0.0  46 LINK BARSUR-LSILERU - 0 0 0 0.0 0.0  47 SELECTION D/C 124 -847 0.0 0 0.0  48 SELECTION D/C 124 -847 0.0 0 0.0  49 SELECTION D/C 124 -847 0.0 0 0.0  40 LINK BARSUR-LSILERU - 0 0 0 0.0 0.0  41 765 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 0 0.0  42 SELECTION D/C 124 -847 0.0 0 0.0  43 SELECTION D/C 124 -847 0.0 0 0.0  44 SELECTION D/C 124 -847 0.0 0 0.0  45 SELECTION D/C 125 -855 0.0  46 SELECTION D/C 126 -847 0.0  47 SELECTION D/C 128 0.0  48 SELECTION D/C 128 0.0  49 SELECTION D/C 128 0.0  49		$400~{\rm KV}$	JHARSUGUDA-RAIGARH		69	-142	0.2	0.0	0.2	
221   220 KV   BUDHIPADAR-RAIGARH   BUDHIPADAR-KORBA   D/C   68   -17   0.4   0.1									-4.0	
Suddipadar-korba   DiC   68   -17   0.4   -0.1   ER-WR   0.8   -4.8									-0.5	
Import/Export of ER (With SR)		220 KV						<b>-</b>	-0.6	
Import/Export of ER (With SR)	22		BUDHIPADAR-KORBA	D/C	08				0.2 -4.0	
A	Import/E	xport of	ER (With SR)			EK-WK	0.8	-4.0	-4.0	
LINK		-	1	D/C	0	-766	0.0	-16.1	-16.1	
25	23		TALCHER-KOLAR BIPOLE	D/C	0			<b>-</b>	-44.1	
ER-SR   0.0   -16.1	24	400 KV	TALCHER-I/C		0	0	0.0	0.0	0.0	
Import/Export of ER (With NER)   26	25	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
26						ER-SR	0.0	-16.1	-16.1	
27		•	, <u>, , , , , , , , , , , , , , , , , , </u>		1 .		Т			
Import/Export of WR (With NR)									6.9	
Import/Export of WR (With NR)	27	220 KV	BIRPARA-SALAKATI	D/C	4			1 1	0.3	
28	Import/F	vnort of	WR (With NR)			EK-IVEK	1.2	0.0	7.2	
29			, ,	D/C	500	-250	8.2	-0.9	7.3	
30						-		-	-26.3	
32   400 KV   VCHAL -RIHAND   S/C   0   -479   0   -9	30			_	252	-	2.7		2.7	
BADOD-KOTA   S/C   90   0   1.1   0.0		400 KV	ZERDA -BHINMAL					<b>-</b>	1.3	
SZO KV   BADOD-MORAK   S/C   96   0   1.4   0.0     MEHGAON-AURAIYA   S/C   78   0   1.2   0.0     MALANPUR-AURAIYA   S/C   40   -3   0.5   0.0     37   132KV   GWALIOR-SAWAI MADHOPUR   S/C   0   0   0.0   0.0     WR-NR   16.4   -36.5     38   HVDC   APL -MHG   D/C   0   -2016   0.0   -49.9     Import/Export of WR (With SR)     39   HVDC   BHADRAWATI B/B   -   0   -1000   0.0   -23.3     40   LINK   BARSUR-L.SILERU   -   0   0   0.0   0.0     41   765 KV   SOLAPUR-RAICHUR   D/C   124   -847   0.0   -10.2     42   43   220 KV   PONDA-AMBEWADI   S/C   0   0   0.0   0.0     44   XELDEM-AMBEWADI   S/C   93   0   1.9   0.0     XELDEM-AMBEWADI   S/C   93   0   1.9   0.0     TRANSNATIONAL EXCHANGE     45   BHUTAN   NEPAL	32	400 KV	V'CHAL -RIHAND	S/C	0	-479	0	-9	-9	
MEHGAON-AURAIYA   S/C   78   0   1.2   0.0     36	33	<del></del>	BADOD-KOTA	S/C	90	0	1.1	0.0	1.1	
MEHGAON-AURAIYA   S/C   78   0   1.2   0.0     36		220 KV						-	1.4	
37   132KV   GWALIOR-SAWAI MADHOPUR   S/C   0   0   0.0   0.0									1.2	
WR-NR   16.4   -36.5     38		122777				-			0.5	
38   HVDC   APL -MHG   D/C   0   -2016   0.0   -49.9	31	132KV	GWALIUK-SAWAI MADHOPUR	S/C	0				0.0	
Import/Export of WR (With SR)   39	38	HVDC	API -MHG	D/C	0			+	<b>-20.1</b> -49.9	
39 HVDC BHADRAWATI B/B - 0 -1000 0.0 -23.3 40 LINK BARSUR-L.SILERU - 0 0 0.0 0.0 0.0 41 765 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 -10.2 42 KOLHAPUR-CHIKODI D/C 0 -128 0.0 -2.4 43 220 KV PONDA-AMBEWADI S/C 0 0 0.0 0.0 44 XELDEM-AMBEWADI S/C 93 0 1.9 0.0 WR-SR 1.9 -35.9 TRANSNATIONAL EXCHANGE  2 45 BHUTAN № 46 NEPAL				D/C	U	-2010	0.0	<b>→</b> 7.7	-47.7	
40 LINK BARSUR-L.SILERU - 0 0 0.0 0.0 0.0 41 765 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 -10.2 42 43 220 KV PONDA-AMBEWADI S/C 0 0.0 0.0 0.0 44 2				-	0	-1000	0.0	-23.3	-23.3	
41 765 KV SOLAPUR-RAICHUR D/C 124 -847 0.0 -10.2 42 KOLHAPUR-CHIKODI D/C 0 -128 0.0 -2.4 43 220 KV PONDA-AMBEWADI S/C 0 0 0.0 0.0 44 XELDEM-AMBEWADI S/C 93 0 1.9 0.0 WR-SR 1.9 -35.9  TRANSNATIONAL EXCHANGE   2 45 BHUTAN NEPAL				-				+	0.0	
42   43   220 KV   PONDA-AMBEWADI   S/C   0   0   0.				+					-10.2	
44 XELDEM-AMBEWADI S/C 93 0 1.9 0.0 WR-SR 1.9 -35.9  TRANSNATIONAL EXCHANGE   2 45 BHUTAN	42	220 KV	KOLHAPUR-CHIKODI	D/C	0		0.0		-2.4	
WR-SR         1.9         -35.9           TRANSNATIONAL EXCHANGE           № 45         BHUTAN           № 46         NEPAL	43		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
TRANSNATIONAL EXCHANGE           № 45         BHUTAN           № 46         NEPAL	44		XELDEM-AMBEWADI	S/C	93	0	1.9	0.0	1.9	
№ 45         BHUTAN           № 46         NEPAL						WR-SR	1.9	-35.9	-34.0	
₹ 46 NEPAL			TRANSN	ATIONAL	EXCHA	NGE			-	
			BHUTAN						32.3	
♥ 47 I IBANGLADESH									-2.0	
DETOLEDATE	47		BANGLADESH	1					-9.	