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

Report for previous day Date of Reporting 25-May-14

## A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	36790	39132	31792	15904	1658	125277
Peak Shortage (MW)	1470	1295	1920	237	564	5486
Energy Met (MU)	868	932	760	358	31	2948
Hydro Gen(MU)	236	50	69	42	7	403
Wind Gen(MU)	7	41	65			114

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	0.98	10.23	28.99	40.22	49.27	10.51
SR GRID	0.00	0.98	10.23	28.99	40.22	49.27	10.51

NEW and SR grid running in synchronisation.

**C.Power Supply Position in States** 

		Max. Demand Met	Peak hour	Energy	Drawal	<b>OD</b> (+)/	Max
RegionRegion	States	during the day (MW)	Shortage (MW)	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW)
	Punjab	6025	0	128.4	74.5	-0.6	56
	Haryana	5916	0	122.3	71.3	-2.0	207
	Rajasthan	7827	0	168.5	40.0	-0.3	170
	Delhi	4433	0	93.0	74.0	-0.5	130
NR	UP	11696	1295	262.5	123.7	-1.2	363
	Uttarakhand	1543	75	32.5	18.8	-0.7	95
	HP	1187	0	24.9	7.9	-0.5	144
	J&K	1571	100	30.7	17.2	-0.2	128
	Chandigarh	282	0	5.4	4.5	0.9	80
	Chhattisgarh	2973	61	69.4	20.2	-0.3	251
	Gujarat	12912	16	280.1	54.7	-2.5	418
	MP	6648	459	149.2	76.9	1.3	543
WR	Maharashtra	17639	751	394.8	114.1	5.5	638
WK	Goa	428	2	8.2	7.3	0.6	116
	DD	276	1	6.2	6.3	-0.1	22
	DNH	661	3	15.4	15.0	0.4	41
	Essar steel	393	2	8.2	8.8	-0.6	17
	Andhra Pradesh	10739	250	249.8	88.7	2.6	357
	Karnataka	7959	450	172.4	25.5	0.9	242
SR	Kerala	3066	450	64.1	36.4	2.2	253
	Tamil Nadu	11530	770	266.4	79.1	-0.3	320
	Pondy	346	0	7.1	7.0	0.1	35
	Bihar	2312	100	48.7	43.2	2.9	265
	DVC	2523	60	58.3	-13.5	0.0	425
ER	Jharkhand	995	77	20.8	12.6	1.5	141
LIN	Odisha	3992	0	80.1	22.4	0.7	305
	West Bengal	6999	0	148.9	37.0	2.8	598
	Sikkim	101	0	1.0	0.9	0.1	30
	Arunachal Pradesh	84	30	1.4	1.1	0.3	39
	Assam	950	407	18.0	11.8	2.7	310
	Manipur	94	20	1.5	1.1	0.4	47
NER	Meghalaya	296	6	4.0	1.6	0.2	46
	Mizoram	44	25	1.0	0.9	-0.1	27
	Nagaland	75	29	1.5	1.2	0.1	43
	Tripura	156	46	3.5	0.8	0.5	82

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.7	-2.1	-9.3
Max MW		-113.0	-461.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	91.3	-90.5	39.1	-46.1	8.7
Actual(MU)	90.8	-106.5	39.3	-34.6	12.6
O/D/U/D(MU)	-0.5	-16.0	0.2	11.5	3.9

F. Generation Outage(MW)

F. Generation Outage(MW)									
	NR	WR	SR	ER	NER	Total			
Central Sector	3865	7672	1720	2205	758	16220			
State Sector	4630	9321	1460	4719	110	20239			
Total	8495	16993	3180	6924	868	36460			

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि॰प्रा॰(ग्रि॰प्र॰)/ अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिङ)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

		<u>INTER-R</u>	<u>EGIONA</u>	L EXCH	ANGES	Date of R	eporting:	25-May-14
						Import=(	+ve) /Export	t =(-ve)
	Voltage			Max	Max	•	Export	NET
Sl No	Level	Line Details	Circuit	Import (MW)	Export (MW)	Import (MU)	(MU)	(MU)
	Export of	ER (With NR)	S/C	197	-10	2	0.0	1.8
2	765KV	GAYA-FATEHPUR						
	**********	SASARAM-FATEHPUR	D/C	102	-71	1	0.0	1.0
3	HVDC LINK	PUSAULI B/B	S/C	0	-400	0	-9	-9
4		PUSAULI-SARNATH	S/C	0	-307	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-185	0	0	0
6	400 KV	MUZAFFARPUR-GORAKHPUR	D/C	204	-284	0	-2.1	-2.1
7	1	PATNA-BALIA	D/C	0	-210	0	-2.0	-2.0
8	_	BIHARSHARIFF-BALIA	S/C	134	-327	0	-2	-1.8
9		PUSAULI-BALIA	D/C	159	0	3	0	3
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-247	0	-4.2	-4.2
11	_	SONE NAGAR-RIHAND	S/C	0	0	0	0	0.7
12	132 KV	GARWAH-RIHAND	S/C S/C	27 28	0	1	0	0.7
13	1	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	S/C S/C	0	0	0	0	0
14	<u> </u>	MANUANASA-CHANDAULI	3/C	U	ER-NR	7	-19.5	-12.7
[mnort/I	Export of	ER (With WR)			EK-11K	,	-19.3	-12./
15		RANCHI-DHARAMJAIGARH	S/C			1.3	0.0	1.3
16	7.00 111	JHARSUGUDA-RAIGARH	D/C	202	-50	2.8	0	2.8
17	400 KV	STERLITE-RAIGARH	D/C	0	-50	0	-3.6	-3.6
18		RANCHI-SIPAT	D/C	197	0	4	0.0	3.7
19	220 1717	BUDHIPADAR-RAIGARH	S/C	30	-126	0	-1.2	-1.2
20	220 KV	BUDHIPADAR-KORBA	D/C	118	-39	0	0	0.5
			•	•	ER-WR	8.3	-4.7	3.6
[mport/I	Export of	ER (With SR)						
21	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0	-787	0	-18.5	-18.5
22	LINK	TALCHER-KOLAR BIPOLE	D/C	0	-1875	0	-40.9	-40.9
23	400 KV	TALCHER-I/C		351	-120	4	0.0	4.0
24	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0.00	0.00
		THE CANAL THE CONTRACT OF THE CANAL			ER-SR	4	-18.5	-14.4
		ER (With NER)	D./G			0	10.0	10.0
25	400 KV	BINAGURI-BONGAIGAON	D/C	0	-554	0	-10.0	-10.0
26	220 KV	BIRPARA-SALAKATI	D/C	0	-152 ER-NER	0	-2.4 -12.4	-2.4 -12.4
Import/I	Export of	WR (With NR)						
impor t/1						V	-12.4	-12.7
27	HVDC		D/C	0	1			<u> </u>
27	HVDC 765 KV	V'CHAL B/B	D/C	0	-300	0	-6.268	-6.3
28	765 KV		D/C	0	-300 -1876	0		-6.3 -33.7
	765 KV 400 KV	V'CHAL B/B GWALIOR-AGRA			-300	0	-6.268 -33.7	-6.3
28 29	765 KV 400 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI	D/C S/C	0 395	-300 -1876 -59	0 0 6.0	-6.268 -33.7 0	-6.3 -33.7 6.0
28 29 30	765 KV 400 KV 400 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL	D/C S/C S/C	0 395 337	-300 -1876 -59 0	0 0 6.0 4.3	-6.268 -33.7 0	-6.3 -33.7 6.0 4.3
28 29 30 31	765 KV 400 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA	D/C S/C S/C S/C	0 395 337 112	-300 -1876 -59 0	0 0 6.0 4.3 1.5	-6.268 -33.7 0 0	-6.3 -33.7 6.0 4.3
28 29 30 31 32	765 KV 400 KV 400 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK	D/C S/C S/C S/C S/C	0 395 337 112 83	-300 -1876 -59 0 0	0 0 6.0 4.3 1.5	-6.268 -33.7 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8
28 29 30 31 32 33	765 KV 400 KV 400 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA	D/C S/C S/C S/C S/C S/C S/C	0 395 337 112 83 62	-300 -1876 -59 0 0 -2 -10	0 0 6.0 4.3 1.5 0.8	-6.268 -33.7 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6
28 29 30 31 32 33 34	765 KV 400 KV 400 KV - 220 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	D/C S/C S/C S/C S/C S/C S/C S/C	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0	-6.268 -33.7 0 0 0 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6
28 29 30 31 32 33 34 35	765 KV 400 KV 400 KV - 220 KV - 132KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR APL -MHG	D/C S/C S/C S/C S/C S/C S/C S/C	0 395 337 112 83 62 27	-300 -1876 -59 0 0 -2 -10 -20	0 0 6.0 4.3 1.5 0.8 0.7 0.2	-6.268 -33.7 0 0 0 0 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2
28 29 30 31 32 33 34 35 36 Import/I	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR)	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5	-6.268 -33.7 0 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5
28 29 30 31 32 33 34 35 36 (mport/I	765 KV 400 KV 400 KV 220 KV 132KV HVDC Export of HVDC	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B	D/C S/C S/C S/C S/C S/C S/C S/C S/C -	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3
28 29 30 31 32 33 34 35 36 (mport/II 37 38	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of - HVDC - LINK	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU	D/C S/C S/C S/C S/C S/C S/C S/C	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3
28 29 30 31 32 33 34 35 36 Import/I 37 38 39	765 KV 400 KV 400 KV 220 KV 132KV HVDC Export of HVDC	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C I	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 -6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854
28 29 30 31 32 33 34 35 36 <b>Import/I</b> 37 38 39 40	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of HVDC LINK 765 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0
28 29 30 31 32 33 34 35 36 mport/I 37 38 39 40	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of - HVDC - LINK	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0 0	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0 0.0
28 29 30 31 32 33 34 35 36 Import/I 37 38 39 40	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of HVDC LINK 765 KV	V'CHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0 0 0	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3 -23.866 0 0 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0 0.0
28 29 30 31 32 33 34 35 36 mport/I 37 38 39 40	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of HVDC LINK 765 KV	V'CHAL B/B  GWALIOR-AGRA  ZERDA-KANKROLI  ZERDA -BHINMAL  BADOD-KOTA  BADOD-MORAK  MEHGAON-AURAIYA  MALANPUR-AURAIYA  GWALIOR-SAWAI MADHOPUR  APL -MHG  WR (With SR)  BHADRAWATI B/B  BARSUR-L.SILERU  SOLAPUR-RAICHUR  KOLHAPUR-CHIKODI  PONDA-AMBEWADI  XELDEM-AMBEWADI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0 0 0 220 0 0 82	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0 0 WR-SR	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0 0.0
28 29 30 31 32 33 34 35 36 <b>mport/I</b> 37 38 39 40 41 42	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of HVDC LINK 765 KV	VCHAL B/B GWALIOR-AGRA ZERDA-KANKROLI ZERDA -BHINMAL BADOD-KOTA BADOD-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR  APL -MHG WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0 0 0 220 0 0 82	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0 0 WR-SR	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3 -23.866 0 0 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0 0.0 1.7 -22.1
28 29 30 31 32 33 34 35 36 mport/I 37 38 39 40	765 KV 400 KV 400 KV - 220 KV - 132KV - HVDC - Export of HVDC LINK 765 KV	V'CHAL B/B  GWALIOR-AGRA  ZERDA-KANKROLI  ZERDA -BHINMAL  BADOD-KOTA  BADOD-MORAK  MEHGAON-AURAIYA  MALANPUR-AURAIYA  GWALIOR-SAWAI MADHOPUR  APL -MHG  WR (With SR)  BHADRAWATI B/B  BARSUR-L.SILERU  SOLAPUR-RAICHUR  KOLHAPUR-CHIKODI  PONDA-AMBEWADI  XELDEM-AMBEWADI	D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 395 337 112 83 62 27 0 0 0 220 0 0 82	-300 -1876 -59 0 0 -2 -10 -20 0 WR-NR -2000 -1000 0 -494 0 0 WR-SR	0 0 6.0 4.3 1.5 0.8 0.7 0.2 0 13.5 0	-6.268 -33.7 0 0 0 0 0 0 0 -33.8 -48.3 -23.866 0 0 0 0 0 0 0	-6.3 -33.7 6.0 4.3 1.5 0.8 0.6 0.2 0 -26.5 -48.3 -24 0.0 -1.46854 0.0 0.0 1.7