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

Report for previous day

Date of Reporting

13-Mar-14

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak	31091	35727	33712	15502	1906	117938
hrs(MW)	31071	33121	33712	13302	1700	117750
Peak Shortage (MW)	2559	282	1696	0	169	4706
Energy Met (MU)	681	842	778	311	33	2645
Hydro Gen(MU)	121	61	86	27	5	300
Wind Gen(MU)	10	17	30			56

B. Frequency Profile (%)

2022040220 (/						
Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.0	0.7	4.0	15.3	20.0	42.8	37.2
SR GRID	0.0	0.7	4.0	15.3	20.0	42.8	37.2

NEW and SR grid running in synchronisation.

C.Power Supply Position in States

		Max. Demand	Peak hour	Energy	Drawal	OD (+)/	Max
RegionRegion	States	Met during the day (MW)	Shortage (MW)	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW)
Punjab Haryana Rajasthan	Punjab	4363	0	84.1	44.5	-0.8	276
	Haryana	4753	0	81.3	57.7	-0.9	536
	Rajasthan	8583	0	176.6	61.5	-1.1	151
	Delhi	3175	14	57.6	42.1	0.9	314
NR	UP	9896	2445	203.1	86.0	-3.9	217
	Uttarakhand	1654	0	29.3	20.6	-1.4	249
	HP	1260	0	23.0	17.0	0.2	91
	J&K	1275	100	22.9	22.9	-7.5	104
	Chandigarh	193	0	3.3	3.4	0.0	11
	Chhattisgarh	2880	60	68.0	15.5	1.9	278
	Gujarat MP	11247	33	252.9	73.1	-3.1	411
		6452	24	129.9	62.8	0.7	238
\A/D	Maharashtra	16130	158	348.2	97.6	4.3	454
WR	Goa	414	2	9.7	8.7	0.3	42
	DD	262	1	6.2	5.8	0.4	20
Ī	DNH	635	2	14.7	14.5	0.2	31
	Essar steel	590	2	12.4	12.0	0.4	37
	Andhra Pradesh	11670	400	267.6	89.8	2.2	419
	Karnataka	8408	500	176.6	20.0	0.6	287
SR Kerala	Kerala	3480	8	65.6	33.4	1.4	250
	Tamil Nadu	11820	788	262.0	86.5	-1.4	575
	Pondy	314	0	6.4	6.3	0.0	44
	Bihar	2095	0	42.5	38.7	1.0	135
	DVC	2520	0	56.1	-18.7	-1.7	185
ER	Jharkhand	917	0	19.8	9.6	-1.1	85
EN	Odisha	3622	0	66.7	11.6	0.2	350
	West Bengal	6899	0	124.4	33.7	3.9	425
	Sikkim	96	0	1.4	1.4	-0.1	30
	Arunachal Pradesh	112	3	1.5	1.4	0.1	37
	Assam	1088	94	19.3	14.1	1.0	107
	Manipur	111	9	1.5	1.7	-0.1	33
NER	Meghalaya	275	5	4.3	3.3	0.3	60
	Mizoram	71	9	1.2	1.1	-0.1	19
	Nagaland	90	2	1.5	1.6	-0.4	24
	Tripura	205	1	3.6	0.5	-0.1	20

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-2.4	-9.3
Max MW		-109.0	-466.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	106.8	-98.7	31.4	-51.5	7.0
Actual(MU)	99.1	-96.5	32.3	-46.0	7.2
O/D/U/D(MU)	-7.7	2.2	0.9	5.5	0.2

F. Generation Outage(MW)

1 v Scherusion Susage (1,1 v v)						
	NR	WR	SR	ER	NER	Total
Central Sector	4977	9031	720	1470	285	16483
State Sector	8425	12257	1780	4199	110	26771
Total	13402	21288	2500	5669	395	43254

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 (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

1 765K 3 HVDC LINK 4 5 6 400 K 5 6 7 8 9 10 220 K 11 12 13 14 132 K 15 16 400 K 17 18 19 220 K 19 220 K 20 HVDC 21 LINK 22 400 K 23 220 K 24 400 K 25 220 K 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVDC Import/Export 4 400 K 30 31 32 33 34 132K 35 HVDC Import/Export 4 400 K 30 31 32 33 34 132K 35 HVDC Import/Export 4 4 4 4 4 4 4 4 4	ILINE DETAILS IF ER (With NR) GAYA-FATEHPUR PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C D/C S/C D/C D/C D/C D/C S/C D/C S/C S/C	Max Import (MW) 163 0 0 0 0 0 96 0 129 0 0 37 0 0	Max Export (MW) -158 0 0 -207 -153 -426 -292 -398 -20 -171 0 0	Import (MU) 1 0 0 0 0 0 0 0 0 2 0 0	+ve) /Export Export (MU) 0.0 -0.4 -7 0 0 -4.4 -10.4 -5 0 -2.9 0	
Leve	ILINE DETAILS IF ER (With NR) GAYA-FATEHPUR PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C D/C S/C D/C D/C D/C D/C D/C S/C D/C S/C S/C	Import (MW)	-158 0 0 -207 -153 -426 -292 -398 -20 -171 0	1 0 0 0 0 0 0 0 0 0 2 0	0.0	0.7 -0.4 -7 0 0 -4.4 -10.4 -5.4 2
Import/Export of 1	of ER (With NR) GAYA-FATEHPUR V SASARAM-FATEHPUR PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-SAHUPURI SONE NAGAR-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V V SASARAM-FATEHPUR JHARSUGUDA-RAIGARH V V STERLITE-RAIGARH	D/C S/C S/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C	163 0 0 0 0 96 0 0 129 0 0 37	-158 0 0 -207 -153 -426 -292 -398 -20 -171 0	0 0 0 0 0 0 0 0 2	0.0 -0.4 -7 0 0 -4.4 -10.4 -5 0 -2.9	0.7 -0.4 -7 0 0 -4.4 -10.4 -5.4 2
2 765K 3 HVDC LINK 4 5 6 400 K 8 9 10 220 K 11 12 132 K 13 14 Simport/Export of the continuation of the	SASARAM-FATEHPUR PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI Of ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	D/C S/C S/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C	0 0 0 0 96 0 0 129 0 0 0 37	0 -207 -153 -426 -292 -398 -20 -171 0	0 0 0 0 0 0 0 0 2	-0.4 -7 0 0 -4.4 -10.4 -5 0 -2.9	-0.4 -7 0 0 -4.4 -10.4 -5.4 2
2	SASARAM-FATEHPUR PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C S/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C	0 0 0 96 0 0 129 0 0 37	0 -207 -153 -426 -292 -398 -20 -171 0	0 0 0 0 0 0 0 2 0	-7 0 0 -4.4 -10.4 -5 0	-7 0 0 -4.4 -10.4 -5.4
S	PUSAULI B/B PUSAULI-SARNATH PUSAULI-ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C	0 0 96 0 0 129 0 0 37	-207 -153 -426 -292 -398 -20 -171 0	0 0 0 0 0 0 2 0	0 0 -4.4 -10.4 -5 0 -2.9	0 0 -4.4 -10.4 -5.4 2
S HVD0 S S S S S S S S S	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI Of ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	D/C D/C D/C S/C D/C S/C S/C S/C S/C S/C S/C S/C	0 96 0 0 129 0 0 37	-153 -426 -292 -398 -20 -171 0	0 0 0 0 2 0	0 -4.4 -10.4 -5 0 -2.9	0 -4.4 -10.4 -5.4 2
6 7 8 9 10 220 K 11 12 132 K 13 14 14 15 16 400 K 17 18 220 K 19 220 K 19 220 K 21 LINK 22 400 K 23 220 K 24 400 K 25 220 K 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVDC Import/Export (Import/Export of the content of the	MUZAFFARPUR-GORAKHPUR PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI Of ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	D/C D/C S/C D/C S/C S/C S/C S/C S/C S/C	96 0 0 129 0 0 37	-426 -292 -398 -20 -171 0	0 0 0 2 0	-4.4 -10.4 -5 0 -2.9	-4.4 -10.4 -5.4 2
7 8 9 10 220 K 11 12 132 K 13 14 132 K 15 16 400 K 17 18 220 K 19 220 K 23 220 K 25 220 K 25 220 K 27 765 K 28 400 K 29 400 K 29 400 K 30 31 32 33 34 132K 15 10 K 15 15 15 15 15 15 15 15 15 15 15 15 15	PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	D/C S/C D/C S/C S/C S/C S/C S/C S/C	0 0 129 0 0 37 0	-292 -398 -20 -171 0	0 0 2 0	-10.4 -5 0 -2.9	-10.4 -5.4 2
7 8 9 10 220 K 11 12 132 K 13 14 Import/Export of 15 16 400 K 17 18 19 220 K Import/Export of 20 HVDC 21 LINK 22 400 K 23 220 K Import/Export of 24 400 K 25 220 K Import/Export of 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 32 33 34 132K Import/Export of 15 Import	PATNA-BALIA BIHARSHARIFF-BALIA PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C D/C S/C S/C S/C S/C S/C	0 129 0 0 37 0	-398 -20 -171 0	0 2 0 0	-5 0 -2.9	-5.4 2
9 10 220 K 11 12 13 132 K 14 Import/Export of 15 16 400 K 17 18 220 K 19 220 K Import/Export of 16 21 LINK 22 400 K 23 220 K Import/Export of 16 25 220 K Import/Export of 17 24 400 K 25 220 K Import/Export of 18 26 HVD0 27 765 K 28 400 K 29 400 K 30 31 32 32 33 34 132K Import/Export of 18 Import/Exp	PUSAULI-BALIA V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	D/C S/C S/C S/C S/C	129 0 0 37 0	-20 -171 0	0 0	0 -2.9	2
10 220 K 11 12 132 K 13 14 14 15 16 400 K 17 18 220 K 19 220 K 19 220 K 23 220 K 24 400 K 25 220 K 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVDC Import/Export (Import/Export of the content of	V PUSAULI-SAHUPURI SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C S/C S/C S/C	0 0 37 0	-171 0	0	-2.9	
11	SONE NAGAR-RIHAND GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI OF ER (With WR) JHARSUGUDA-RAIGARH STERLITE-RAIGARH	S/C S/C S/C	0 37 0	0	0		-2.9
12 132 K 132 K 134 134 134 135 K 14 136 K 15 16 400 K 17 18 220 K 19 20 HVDC 21 LINK 22 400 K 23 220 K 24 400 K 25 220 K 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132 K 35 HVDC Import/Export (Import/Export of the content of	GARWAH-RIHAND KARMANASA-SAHUPURI KARMANASA-CHANDAULI of ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C S/C	37			() !	_
13	KARMANASA-SAHUPURI KARMANASA-CHANDAULI of ER (With WR) JHARSUGUDA-RAIGARH V STERLITE-RAIGARH	S/C	0	0		<u> </u>	0
14	KARMANASA-CHANDAULI of ER (With WR) JHARSUGUDA-RAIGARH STERLITE-RAIGARH				1	0	0.6
Import/Export 15	of ER (With WR) JHARSUGUDA-RAIGARH STERLITE-RAIGARH	S/C		0	0	0	0
15	JHARSUGUDA-RAIGARH V STERLITE-RAIGARH		1 0	0 ER-NR	3	-30.8	-27.7
15	JHARSUGUDA-RAIGARH V STERLITE-RAIGARH			EK-NK	3	-30.8	-21.1
16	V STERLITE-RAIGARH	D/C	484	-474	3.2	0	3.2
17		D/C	80	-266	0	-3.2	-3.2
18 19 220 K 19 220 K 19 20 K 19 20 K 20 K 20 K 21 LINK 22 400 K 23 220 K 24 400 K 25 220 K 26 HVD0 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVD0 Import/Export (Import/Export (I	RANCHI-SIPAT	D/C	363	0	3	0.0	2.8
19 220 K	BUDHIPADAR-RAIGARH	S/C	0	-210	0	-2.7	-2.7
Magnetic	BUDHIPADAR-KORBA	D/C	80	-110	0	0	0.0
20 HVDC 21 LINK 22 400 K 23 220 K Import/Export 24 400 K 25 220 K Import/Export 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 32 33 34 132K Import/Export of the second s			- 00	ER-WR	6.0	-5.9	0.0
20 HVDC 21 LINK 22 400 K 23 220 K Import/Export 24 400 K 25 220 K Import/Export 26 HVDC 27 765 K 28 400 K 29 400 K 30 31 32 32 33 34 132K Import/Export of the second s	of ER (With SR)						
21 LINK 22 400 K 23 220 K Import/Export 24 400 K 25 220 K Import/Export 6 26 HVD0 27 765 K 28 400 K 29 400 K 30 31 32 32 33 34 132K Import/Export 6 Import/Export 6 Import/Export 6 Import/Export 6		D/C	0	-747	0	-18.6	-18.6
23 220 K		D/C	0	-1879	0	-37.8	-37.8
Material Material			861	0	9	0.0	8.5
24 400 K 25 220 K	V BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
24 400 K 25 220 K	•	1	·L	ER-SR	9	-18.6	-10.1
25 220 K Import/Export of 26 HVDO 27 765 K 28 400 K 29 400 K 30 31 220 K 33 34 132K 35 HVDO Import/Export of	of ER (With NER)					•	
Magnetic	BINAGURI-BONGAIGAON	D/C	0	-514	0	-6.4	-6.4
26 HVD0 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVD0 Import/Export of	V BIRPARA-SALAKATI	D/C	0	-115	0	-1.3	-1.3
26 HVD0 27 765 K 28 400 K 29 400 K 30 31 32 33 34 132K 35 HVD0 Import/Export of				ER-NER	0	-7.7	-7.7
27 765 K 28 400 K 29 400 K 30 31 32 220 K 33 34 132K 35 HVD0 Import/Export (of WR (With NR)						
28 400 K 29 400 K 30 31 32 220 K 33 34 132K 35 HVD0	C V'CHAL B/B	D/C	0	-500	0	-9	-9.3
29 400 K 30 31 32 220 K 33 34 132K 35 HVD0		D/C	0	-1920	0	-34.0	-34.0
30 31 32 33 34 132K 35 HVDO		S/C	405	-59	5.4	0	5.4
31 32 220 K 33 34 132K 35 HVD0 [mport/Export 6]		S/C	328	-73	2.7	0	2.7
32 33 34 34 35 HVD0 Import/Export	BADOD-KOTA	S/C	94	0	1.3	0	1.3
32 33 34 132KV 35 HVD0 Import/Export 0	W BADOD-MORAK	S/C	48	-66	0.4	0	0.2
34 132K 35 HVD (mport/Export (MEHGAON-AURAIYA	S/C	102	0	1.4	0	1.4
35 HVD0 (mport/Export o	MALANPUR-AURAIYA	S/C	39	0	0.6	0	0.6
Import/Export	GWALIOR-SAWAI MADHOPUR	R S/C	0	0	0	0	0
Import/Export	A DI MIIC	F 10	^	WR-NR	11.8	-43.5	-31.7
		D/C	0	-2000	0	-40.8	-40.8
			0	1000	0	22.7	
36 HVDC 37 LINK		-	0	-1000	0	-22.7	-23
		- T	400	0	0	0	0.0
38 765 K		I D/C	499	-378 0	0	0.0	-1.3
40 220 K	KOLHAPUR-CHIKODI V PONDA-AMBEWADI	S/C	0	0	0	0	0.0
40 220 K	I ONDA-AMIDEWADI	S/C	102	0	2.0	0.0	2.0
71	XELDEM-AMREWADI	3/C	102				
	XELDEM-AMBEWADI	NIGNI A MY CONT	¥ par.~~	WR-SR	2.0	-23	-22.0
<u> </u>	1	NSNATIONA	L EXCH	ANGE			
2 42 2 43	TRA						1.
2 43 2 44	1						-2. -9.