



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 23<sup>rd</sup> April, 2016

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई - 400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 22.04.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 22<sup>nd</sup> अप्रैल 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर निम्न लिंक पर उपलब्ध है:-

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 22<sup>nd</sup> April 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%212016/23.04.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%212016/23.04.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

23-Apr-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41668	43574	38112	18149	1951	143454
Peak Shortage (MW)	143	48	141	100	282	714
Energy Met (MU)	925	1037	925	402	32	3321
Hydro Gen(MU)	173	23	49	41	15	301
Wind Gen(MU)	15	75	51	-----	-----	141

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	0.00	0.00	3.28	3.28	75.72	21.01
SR GRID	0.00	0.00	0.00	3.28	3.28	75.72	21.01

C. Power Supply Position in States

Region/Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)
NR	Punjab	5474	0	113.9	62.2	-0.6	402
	Haryana	7206	0	129.9	89.3	-2.5	245
	Rajasthan	8679	0	196.9	43.8	1.1	268
	Delhi	4653	0	96.1	76.5	-1.6	354
	UP	13613	875	277.3	127.9	1.8	567
	Uttarakhand	1892	0	39.0	26.6	0.9	287
	HP	1203	0	23.9	13.3	-0.1	167
	J&K	2006	502	42.9	20.4	-1.6	171
WR	Chandigarh	251	0	5.0	5.2	0.3	20
	Chhattisgarh	3776	0	88.2	30.9	-2.2	309
	Gujarat	13397	0	304.8	56.0	-1.1	322
	MP	7906	0	174.6	90.1	-2.5	496
	Maharashtra	19239	0	424.5	129.5	-1.9	577
	Goa	460	0	9.9	8.9	0.9	83
	DD	304	0	6.8	6.8	0.0	33
	DNH	719	0	16.6	17.0	-0.4	-2
SR	Essar steel	549	0	11.5	10.9	0.5	189
	Andhra Pradesh	7061	0	159.3	22.1	3.0	765
	Telangana	6486	0	146.7	103.0	-1.1	108
	Karnataka	9104	600	207.0	60.2	-0.4	358
	Kerala	3844	0	70.2	55.5	0.6	171
	Tamil Nadu	14507	0	333.9	142.1	0.4	436
ER	Pondy	355	0	7.5	8.1	-0.6	20
	Bihar	3533	50	69.0	57.2	2.4	430
	DVC	3087	0	65.1	-35.6	-1.0	280
	Jharkhand	1154	0	24.2	14.0	2.1	300
	Odisha	3856	0	82.3	24.0	1.2	250
	West Bengal	7820	0	160.3	43.4	2.0	320
NER	Sikkim	82	0	1.4	1.4	0.0	25
	Arunachal Pradesh	104	2	1.7	2.6	-0.9	54
	Assam	1132	179	17.5	12.0	1.7	198
	Manipur	116	9	1.5	1.8	-0.3	24
	Meghalaya	265	0	4.2	0.4	0.8	124
	Mizoram	79	1	1.3	1.4	-0.1	11
	Nagaland	106	2	1.8	1.8	0.0	38
Tripura	226	12	3.5	2.4	-0.5	54	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.0	-6.0	-12.1
Max MW	514.5	-314.4	-553.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	179.8	-195.7	88.7	-66.7	-7.5	-1.3
Actual(MU)	181.8	-217.0	88.9	-45.6	-7.8	0.4
O/D/U/D(MU)	2.0	-21.4	0.2	21.1	-0.3	1.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5130	12949	1180	2630	588	22477
State Sector	11690	12968	4881	4189	110	33838
Total	16820	25917	6061	6819	698	56315

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

<b>INTER-REGIONAL EXCHANGES</b>								
								Date of Reporting : 23-Apr-16
								Import=(+ve) /Export =(-ve) for NET (MU)
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	S/C	47	153	0.0	3.5	-3.5
2		SASARAM-FATEHPUR	S/C	281	72	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	235	0.0	4.6	-4.6
4	HVDC LINK	PUSAULI B/B	S/C	0	97	0.0	2.3	-2.3
5	400 KV	PUSAULI-SARNATH	S/C	25	116	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	D/C	29	112	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	1	240	0.0	3.0	-3.0
8		PATNA-BALIA	Q/C	0	503	0.0	9.7	-9.7
9		BIHARSHARIFF-BALIA	D/C	93	221	0.0	2.0	-2.0
10		BARH-GORAKHPUR	D/C	0	410	0.0	8.5	-8.5
11	BIHARSHARIFF-VARANASI	D/C	206	12	1.3	0.0	1.3	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	209	0.0	3.8	-3.8
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>4.4</b>	<b>37.3</b>	<b>-32.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	837	0.0	12.4	-12.4
18		NEW RANCHI-DHARAMJAIGARH	D/C	242	97	1.2	0.0	1.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	163	0	1.6	0.0	1.6
20		JHARSUGUDA-RAIGARH	S/C	221	0	2.4	0.0	2.4
21		IBEUL-RAIGARH	S/C	165	0	1.5	0.0	1.5
22		STERLITE-RAIGARH	D/C	0	113	0.0	2.2	-2.2
23	220 KV	RANCHI-SIPAT	D/C	383	0	4.8	0.0	4.8
24		BUDHIPADAR-RAIGARH	S/C	126	62	0.5	0.0	0.5
25		BUDHIPADAR-KORBA	D/C	265	0	3.0	0.0	3.0
<b>ER-WR</b>						<b>15.0</b>	<b>14.5</b>	<b>0.4</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPURE-GAZUWAKA B/B	D/C	6.1	364	0.0	6.8	-6.8
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1977	0.0	47.4	-47.4
28		TALCHER-I/C		164.0	764	0.1	4.3	-4.2
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.1</b>	<b>54.2</b>	<b>-54.2</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	178	655	0.0	3.2	-3
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	0.6	-1
<b>ER-NER</b>						<b>0.0</b>	<b>3.8</b>	<b>-3.8</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	486	0	11.6	0.0	11.6
<b>NR-NER</b>						<b>11.6</b>	<b>0.0</b>	<b>11.6</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	V'CHAL B/B	D/C	100	250	0.5	3.4	-2.9
34	HVDC	APL -MHG	D/C	0	2519	0.0	56.7	-56.7
35	765 KV	GWALIOR-AGRA	D/C	0	3306	0.0	61.8	-61.8
36	765 KV	PHAGI-GWALIOR	D/C	0	982	0.0	17.1	-17.1
37	400 KV	ZERDA-KANKROLI	S/C	308	0	5.6	0.0	5.6
38	400 KV	ZERDA -BHINMAL	S/C	41	288	4.0	4.0	0.0
39	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0
41	220 KV	BADOD-KOTA	S/C	36	29	0.3	0.1	0.1
42		BADOD-MORAK	S/C	3	57	0.0	0.6	-0.6
43		MEHGAON-AURAIYA	S/C	38	0	0.5	0.0	0.5
44		MALANPUR-AURAIYA	S/C	11	16	0.0	0.2	-0.1
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>10.9</b>	<b>144.0</b>	<b>-133.1</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2913	0.0	50.1	-50.1
49	400 KV	KOLHAPUR-KUDGI	D/C	0	0	1.0	0.0	1.0
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	264	0.0	5.9	-5.9
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	117	0	2.5	0.0	2.5
<b>WR-SR</b>						<b>3.5</b>	<b>79.9</b>	<b>-76.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						10.0
55		NEPAL						-6.0
56		BANGLADESH						-12.1