



**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: 17<sup>th</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 16.04.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 16<sup>th</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 16<sup>th</sup> April 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%202016/17.04.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%202016/17.04.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

17-Apr-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42345	44602	37168	17895	1732	143743
Peak Shortage (MW)	1403	143	525	0	473	2544
Energy Met (MU)	912	1066	937	406	29	3350
Hydro Gen(MU)	194	32	53	37	6	321
Wind Gen(MU)	21	46	20	-----	-----	87

**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	1.06	16.71	17.78	66.59	15.64
SR GRID	0.00	0.00	1.06	16.71	17.78	66.59	15.64

**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	5411	0	109.8	51.6	-1.5	194
	Haryana	7013	0	122.3	83.8	-1.3	169
	Rajasthan	8475	0	191.2	51.6	0.6	274
	Delhi	4198	8	85.0	72.1	1.6	231
	UP	13908	2020	297.8	114.2	-2.0	317
	Uttarakhand	1807	0	37.0	27.3	0.2	201
	HP	1149	0	23.1	12.9	1.1	181
	J&K	2072	518	41.6	27.1	1.7	236
WR	Chandigarh	225	0	4.5	4.1	0.3	52
	Chhattisgarh	3891	0	90.9	29.4	0.7	310
	Gujarat	13794	34	312.2	72.6	-4.1	228
	MP	7909	0	181.2	107.1	-2.6	362
	Maharashtra	19797	0	438.1	131.2	0.0	516
	Goa	458	0	9.3	8.3	0.7	105
	DD	304	0	6.8	6.8	0.0	36
	DNH	721	0	16.5	17.0	-0.5	37
SR	Essar steel	536	0	11.1	10.9	0.2	135
	Andhra Pradesh	7135	0	160.6	29.5	0.0	468
	Telangana	6663	0	151.9	89.8	-0.8	186
	Karnataka	9049	700	205.2	65.7	2.4	415
	Kerala	3823	125	77.6	55.0	1.7	240
	Tamil Nadu	14790	0	334.5	153.8	5.3	545
	Pondy	350	0	6.9	7.7	-0.8	10
	ER	Bihar	3380	0	71.4	65.1	4.1
DVC		2907	0	65.5	-38.8	-0.1	180
Jharkhand		1077	0	24.3	13.6	-0.2	140
Odisha		4109	0	85.1	27.5	-0.8	205
West Bengal		7713	0	158.4	48.3	-0.7	170
Sikkim		71	0	1.0	1.6	-0.6	30
NER	Arunachal Pradesh	117	3	1.6	1.5	0.1	61
	Assam	1068	246	17.2	11.5	2.1	237
	Manipur	97	28	1.0	1.5	-0.5	46
	Meghalaya	229	0	3.7	0.9	0.6	159
	Mizoram	76	5	0.9	0.8	0.1	45
	Nagaland	78	22	1.0	1.3	-0.4	33
Tripura	236	0	3.2	1.4	0.9	177	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.7	-6.8	-11.5
Max MW	389.0	-325.0	-538.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.2	-185.5	89.0	-74.7	2.0	0.9
Actual(MU)	179.5	-195.6	85.0	-73.2	4.9	0.5
O/D/U/D(MU)	9.3	-10.1	-4.0	1.5	2.9	-0.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5041	13577	440	1460	292	20810
State Sector	9560	13234	3171	4619	110	30694
Total	14601	26811	3611	6079	402	51504

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 17-Apr-16
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl 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	54	236	0.0	2.5	-2.5
2		SASARAM-FATEHPUR	S/C	316	0	4.0	0.0	4.0
3		GAYA-BALIA	S/C	0	372	0.0	7.5	-7.5
4	HVDC LINK	PUSAULI B/B	S/C	0	297	0.0	7.1	-7.1
5	400 KV	PUSAULI-SARNATH	S/C	0	263	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	D/C	0	104	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	232	0.0	2.3	-2.3
8		PATNA-BALIA	Q/C	0	362	0.0	6.8	-6.8
9		BIHARSHARIFF-BALIA	D/C	55	177	0.0	3.2	-3.2
10		BARH-GORAKHPUR	D/C	0	399	0.0	8.3	-8.3
11	220 KV	BIHARSHARIFF-VARANASI	D/C	259	0	3.4	0.0	3.4
12		PUSAULI-SAHUPURI	S/C	0	234	0.0	4.3	-4.3
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>7.9</b>	<b>42.0</b>	<b>-34.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	1560	0.0	21.5	-21.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	140	196	0.0	0.2	-0.2
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	150	0	1.5	0.0	1.5
20		JHARSUGUDA-RAIGARH	S/C	193	0	2.6	0.0	2.6
21		IBEUL-RAIGARH	S/C	138	0	1.9	0.0	1.9
22		STERLITE-RAIGARH	D/C	0	205	0.0	4.5	-4.5
23	220 KV	RANCHI-SIPAT	D/C	134	0	4.6	0.0	4.6
24		BUDHIPADAR-RAIGARH	S/C	54	65	0.2	0.6	-0.5
25		BUDHIPADAR-KORBA	D/C	162	0	0.0	2.5	-2.5
<b>ER-WR</b>						<b>10.8</b>	<b>29.3</b>	<b>-18.5</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	411	0.0	12.5	-12.5
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	27.1	1982	0.0	43.1	-43.1
28		TALCHER-I/C		24.7	685	0.1	10.2	-10.1
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>55.6</b>	<b>-55.6</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	18	841	0.0	8.6	-9
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	0.9	-1
<b>ER-NER</b>						<b>0.0</b>	<b>9.6</b>	<b>-9.6</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	5.9	0.0	5.9
<b>NR-NER</b>						<b>5.9</b>	<b>0.0</b>	<b>5.9</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	VCHAL B/B	D/C	0	250	0.0	6.0	-6.0
34	HVDC	APL -MHG	D/C	0	2520	0.0	60.4	-60.4
35	765 KV	GWALIOR-AGRA	D/C	0	3170	0.0	60.1	-60.1
36	765 KV	PHAGI-GWALIOR	D/C	0	1130	0.0	21.4	-21.4
37	400 KV	ZERDA-KANKROLI	S/C	396	0	6.0	0.0	6.0
38	400 KV	ZERDA -BHINMAL	S/C	423	0	0.0	0.0	0.0
39	400 KV	VCHAL -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	78	0	1.1	0.0	1.1
42		BADOD-MORAK	S/C	33	17	0.3	0.1	0.2
43		MEHGAON-AURAIYA	S/C	52	0	0.9	0.0	0.9
44		MALANPUR-AURAIYA	S/C	28	0	0.3	0.0	0.3
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.6</b>	<b>148.1</b>	<b>-139.5</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2515	0.0	50.8	-50.8
49	400 KV	KOLHAPUR-KUDGI	D/C	0	0	2.1	0.0	2.1
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	291	0.0	6.0	-6.0
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	121	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>3.8</b>	<b>80.5</b>	<b>-76.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						4.7
55		NEPAL						-6.8
56		BANGLADESH						-11.5