



**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: 22<sup>nd</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, शिलॉंग - 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 21.04.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 21<sup>st</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 21<sup>st</sup> April 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%212016/22.04.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/April%212016/22.04.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

22-Apr-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41668	44799	38558	17573	1722	144321
Peak Shortage (MW)	2498	112	125	400	465	3600
Energy Met (MU)	913	1068	944	403	30	3357
Hydro Gen(MU)	169	19	58	42	15	303
Wind Gen(MU)	8	51	30	-----	-----	89

**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	0.06	6.16	6.22	69.61	24.18
SR GRID	0.00	0.00	0.06	6.16	6.22	69.61	24.18

**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	116.1	61.9	-0.4	191
	Haryana	7206	0	129.4	88.8	-2.0	229
	Rajasthan	8679	0	190.3	51.6	-0.4	163
	Delhi	4653	0	95.0	76.6	-1.7	125
	UP	13613	120	271.4	112.8	1.5	634
	Uttarakhand	1892	0	38.6	26.9	0.7	181
	HP	1203	0	23.7	11.7	1.5	219
	J&K	2006	502	42.9	23.5	2.4	450
WR	Chandigarh	251	0	5.0	5.0	0.3	33
	Chhattisgarh	3816	47	88.2	36.1	-1.4	596
	Gujarat	13622	0	310.6	62.2	0.1	293
	MP	7952	0	178.2	101.7	-2.5	288
	Maharashtra	19854	0	446.0	136.1	-2.9	724
	Goa	462	0	9.8	8.9	0.7	83
	DD	308	0	6.7	6.7	-0.1	35
	DNH	716	0	16.2	16.7	-0.5	57
SR	Essar steel	586	0	12.0	11.6	0.4	161
	Andhra Pradesh	7226	0	160.8	21.1	2.5	560
	Telangana	6480	0	148.1	99.4	1.3	358
	Karnataka	9179	0	210.8	65.0	1.1	445
	Kerala	3884	125	78.0	56.0	1.5	206
	Tamil Nadu	15031	0	338.3	145.0	2.2	601
ER	Pondy	331	0	7.5	7.8	-0.3	7
	Bihar	3402	400	64.6	57.3	2.6	0
	DVC	3155	0	65.8	-34.8	-1.6	0
	Jharkhand	1091	0	24.2	14.8	3.5	0
	Odisha	3627	0	86.2	23.9	2.1	0
	West Bengal	7534	0	161.2	43.0	2.6	0
NER	Sikkim	88	0	1.1	1.5	-0.4	0
	Arunachal Pradesh	102	3	1.7	2.8	-1.1	15
	Assam	967	340	16.3	12.8	-0.2	121
	Manipur	119	5	1.7	2.3	-0.6	29
	Meghalaya	254	0	3.8	0.8	0.2	95
	Mizoram	70	2	1.2	1.4	-0.3	14
	Nagaland	103	1	1.3	1.9	-0.6	29
Tripura	219	2	3.3	2.9	-0.3	73	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.0	-5.4	-12.9
Max MW	644.6	-310.3	-563.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	179.6	-197.6	88.8	-69.3	-1.9	-0.4
Actual(MU)	170.8	-201.8	92.0	-61.2	-7.4	-7.5
O/D/U/D(MU)	-8.8	-4.2	3.2	8.1	-5.5	-7.2

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5130	12299	470	2930	613	21442
State Sector	11690	12878	4981	3829	110	33488
Total	16820	25177	5451	6759	723	54930

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 : 22-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	0	163	0.0	5.7	-5.7
2		SASARAM-FATEHPUR	S/C	156	151	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	271	0.0	5.0	-5.0
4	HVDC LINK	PUSAULI B/B	S/C	0	97	0.0	2.0	-2.0
5	400 KV	PUSAULI-SARNATH	S/C	0	107	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	D/C	17	74	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	3	240	0.0	4.4	-4.4
8		PATNA-BALIA	Q/C	0	608	0.0	9.8	-9.8
9		BIHARSHARIFF-BALIA	D/C	67	221	0.0	3.1	-3.1
10		BARH-GORAKHPUR	D/C	0	504	0.0	8.8	-8.8
11	220 KV	BIHARSHARIFF-VARANASI	D/C	164	41	0.0	0.3	-0.3
12		PUSAULI-SAHUPURI	S/C	0	204	0.0	3.8	-3.8
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	0	0	0.0	0.5	-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>0.0</b>	<b>43.9</b>	<b>-43.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	867	0.0	12.6	-12.6
18		NEW RANCHI-DHARAMJAIGARH	D/C	224	236	0.0	0.6	-0.6
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	220	7	0.0	2.1	-2.1
20		JHARSUGUDA-RAIGARH	S/C	308	0	0.0	3.0	-3.0
21		IBEUL-RAIGARH	S/C	220	0	0.0	2.1	-2.1
22		STERLITE-RAIGARH	D/C	0	108	0.0	1.9	-1.9
23	220 KV	RANCHI-SIPAT	D/C	328	2	0.0	4.0	-4.0
24		BUDHIPADAR-RAIGARH	S/C	196	25	0.0	1.9	-1.9
25		BUDHIPADAR-KORBA	D/C	419	0	0.0	4.4	-4.4
<b>ER-WR</b>						<b>0.0</b>	<b>32.7</b>	<b>-32.7</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	361	0.0	15.7	-15.7
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2159	0.0	47.6	-47.6
28		TALCHER-I/C			374.3	545	0.0	3.2
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>63.3</b>	<b>-63.3</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	374	502	0.0	2.1	-2
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	0.4	0
<b>ER-NER</b>						<b>0.0</b>	<b>2.5</b>	<b>-2.5</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	10.0	0.0	10.0
<b>NR-NER</b>						<b>10.0</b>	<b>0.0</b>	<b>10.0</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	2519	0.0	48.9	-48.9
35	765 KV	GWALIOR-AGRA	D/C	0	3276	0.0	56.8	-56.8
36	765 KV	PHAGI-GWALIOR	D/C	0	1086	0.0	18.0	-18.0
37	400 KV	ZERDA-KANKROLI	S/C	354	0	4.9	0.0	4.9
38	400 KV	ZERDA -BHINMAL	S/C	279	50	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	73	29	0.4	0.2	0.2
42		BADOD-MORAK	S/C	28	53	0.1	0.6	-0.5
43		MEHGAON-AURAIYA	S/C	42	0	0.6	0.0	0.6
44		MALANPUR-AURAIYA	S/C	20	16	0.1	0.1	0.0
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.0</b>	<b>130.7</b>	<b>-124.6</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2656	0.0	50.1	-50.1
49	400 KV	KOLHAPUR-KUDGI	D/C	0	0	0.0	0.0	0.0
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	268	0.0	5.8	-5.8
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>2.5</b>	<b>79.7</b>	<b>-77.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						11.0
55		NEPAL						-5.4
56		BANGLADESH						-12.9