



**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: 21<sup>th</sup> Mar, 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 20.03.2016.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 20<sup>th</sup> मार्च 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 20<sup>th</sup> March 2016, is available at the NLDC website.

[http://posoco.in/attachments/article/94/21.03.16\\_NLDC\\_PSP.pdf](http://posoco.in/attachments/article/94/21.03.16_NLDC_PSP.pdf)

Thanking You.



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

Report for previous day

Date of Reporting

21-Mar-16

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	32849	39546	34973	17524	2138	127030
Peak Shortage (MW)	800	126	400	200	105	1631
Energy Met (MU)	778	992	868	368	38	3043
Hydro Gen(MU)	136	16	53	23	3	231
Wind Gen(MU)	11	54	13	-----	-----	78

**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	0.22	2.95	3.17	67.07	29.76
SR GRID	0.00	0.00	0.22	2.95	3.17	67.07	29.76

**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	3690	0	75.4	49.4	0.7	255
	Haryana	5374	0	97.1	67.7	-1.2	167
	Rajasthan	8873	0	190.7	58.6	1.8	301
	Delhi	3007	0	59.3	49.1	0.0	137
	UP	11745	300	255.0	119.4	3.1	505
	Uttarakhand	1571	0	31.6	20.6	1.2	154
	HP	1318	0	25.3	14.6	1.6	163
	J&K	1926	481	40.3	29.4	-0.7	171
WR	Chandigarh	157	0	3.0	3.0	0.3	16
	Chhattisgarh	3336	0	80.4	26.6	0.0	252
	Gujarat	13130	0	290.0	63.3	-1.9	743
	MP	7904	0	169.8	101.1	-1.6	192
	Maharashtra	18476	0	409.7	126.5	-3.7	800
	Goa	403	0	8.3	7.2	0.6	61
	DD	298	0	6.6	6.5	0.2	32
	DNH	711	0	16.4	16.8	-0.4	7
SR	Essar steel	544	0	11.0	10.8	0.2	148
	Andhra Pradesh	7087	0	155.3	19.6	0.9	621
	Telangana	6447	0	143.8	77.5	1.0	361
	Karnataka	8677	400	195.1	68.3	3.4	483
	Kerala	3633	125	70.3	51.7	2.5	213
	Tamil Nadu	13236	0	296.7	148.8	2.5	451
ER	Pondy	298	0	6.6	6.9	-0.3	31
	Bihar	3311	200	64.0	63.3	0.2	0
	DVC	3142	0	61.9	-26.2	-0.5	0
	Jharkhand	899	0	20.6	9.9	0.6	0
	Odisha	3882	0	75.5	23.9	1.7	0
	West Bengal	6557	0	144.7	38.5	2.8	0
NER	Sikkim	101	0	1.4	1.0	0.4	0
	Arunachal Pradesh	104	1	2.0	1.5	0.5	34
	Assam	1298	52	21.6	15.0	2.0	94
	Manipur	124	1	2.0	1.9	0.1	32
	Meghalaya	265	0	4.3	3.0	0.3	85
	Mizoram	73	3	1.3	0.9	0.3	35
	Nagaland	89	1	1.9	1.5	0.4	26
Tripura	232	0	4.8	2.8	0.1	46	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	-0.2	-6.7	-11.1
Max MW	68.5	-295.8	-468.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	146.2	-192.0	77.9	-40.0	7.1	-0.8
Actual(MU)	151.2	-220.4	81.4	-23.6	7.5	-3.9
O/D/U/D(MU)	5.0	-28.4	3.5	16.5	0.4	-3.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5607	10683	1500	3720	285	21795
State Sector	14613	13888	4757	5209	110	38577
Total	20220	24571	6257	8929	395	60372

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 : 21-Mar-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	0	0.0	0.0	0.0
		SASARAM-FATEHPUR	S/C	0	0	0.0	6.0	-6.0
2		GAYA-BALIA	S/C	0	200	0.0	2.0	-2.0
3	HVDC LINK	PUSAULI B/B	S/C	361	368	0.0	9.0	-9.0
4	400 KV	PUSAULI-SARNATH	S/C	226	278	0.0	0.0	0.0
5		PUSAULI -ALLAHABAD	D/C	82	130	0.0	0.0	0.0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	0	0.0	13.0	-13.0
7		PATNA-BALIA	Q/C	79	390	0.0	7.0	-7.0
8		BIHARSHARIFF-BALIA	D/C	0	0	0.0	6.0	-6.0
		BARH-GORAKHPUR	D/C	0	0	0.0	10.0	-10.0
10	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	491	491	0.0	1.0	-1.0
13		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.0</b>	<b>54.0</b>	<b>-54.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	120	870	0.0	12.0	-12.0
16		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	0.0	3.0	-3.0
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	3.0	-3.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	5.0	-5.0
19		IBEUL-RAIGARH	S/C	0	0	0.0	4.0	-4.0
20		STERLITE-RAIGARH	D/C	270	270	0.0	0.0	0.0
21		RANCHI-SIPAT	D/C	0	0	0.0	7.0	-7.0
22	220 KV	BUDHIPADAR-RAIGARH	S/C	0	191	0.0	1.0	-1.0
23		BUDHIPADAR-KORBA	D/C	0	54	0.0	1.0	-1.0
<b>ER-WR</b>						<b>0.0</b>	<b>36.0</b>	<b>-36.0</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	160.0	175	0	8.0	-8.0
25	TALCHER-KOLAR BIPOLE	D/C	1355.0	2158	0	47.0	-47.0	
26	400 KV	TALCHER-I/C		565.0	1489	0	19.00	-19.0
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>55.0</b>	<b>-55.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	291	1508	0	18	-18
28	220 KV	BIRPARA-SALAKATI	D/C	0	0	0	2	-2
<b>ER-NER</b>						<b>0.0</b>	<b>20.0</b>	<b>-20.0</b>
<b>Import/Export of NR (With NER)</b>								
29	HVDC	BISWANATH CHARIAL-AGRA	-	486	0	12	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>								
30	HVDC	V'CHAL B/B	D/C	250	0	5.0	0.0	5.0
31	765 KV	GWALIOR-AGRA	D/C	0	3248	0.0	67.0	-67.0
32	765 KV	PHAGI-GWALIOR	D/C	0	960	0.0	18.8	-18.8
33	400 KV	ZERDA-KANKROLI	S/C	258	8	4.0	0.0	4.0
34	400 KV	ZERDA -BHINMAL	S/C	254	63	2.0	0.0	2.0
35	400KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
36	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0
37	220 KV	BADOD-KOTA	S/C	27	38	0.0	0.0	0.0
38		BADOD-MORAK	S/C	0	55	0.0	1.0	-1.0
39		MEHGAON-AURAIYA	S/C	44	0	1.0	0.0	1.0
40		MALANPUR-AURAIYA	S/C	0	24	0.0	0.0	0.0
41	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>12.0</b>	<b>86.8</b>	<b>-74.8</b>
42	HVDC	APL -MHG	D/C	0	2520	0.0	60.0	-60.0
<b>Import/Export of WR (With SR)</b>								
43	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
44	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
45	765 KV	SOLAPUR-RAICHUR	D/C	0	2285	0.0	47.0	-47.0
46	400 KV	KOLHAPUR-KUDGI	D/C	0	0	0.0	1.7	-1.7
47	220 KV	KOLHAPUR-CHIKODI	D/C	0	261	0.0	6.0	-6.0
48		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
49		XELDEM-AMBEWADI	S/C	112	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>2.0</b>	<b>78.7</b>	<b>-76.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
48		BHUTAN						-0.2
49		NEPAL						-6.7
50		BANGLADESH						-11.1