



**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> July, 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 20.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 20.07.16 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/21.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/21.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

21-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	48479	39122	33907	18739	2387	142633
Peak Shortage (MW)	1147	43	0	100	108	1398
Energy Met (MU)	1118	868	793	385	43	3207
Hydro Gen(MU)	355	79	43	72	26	576
Wind Gen(MU)	30	79	88	-----	-----	197

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	2.89	2.89	82.25	14.86
SR GRID	0.00	0.00	0.00	2.89	2.89	82.25	14.86

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	9676	0	224.0	133.8	0.8	154
	Haryana	8926	0	182.3	157.9	-1.5	170
	Rajasthan	8777	0	188.0	69.2	3.3	396
	Delhi	5575	0	111.6	95.9	0.3	243
	UP	13602	0	305.7	151.2	1.0	471
	Uttarakhand	1839	75	40.3	18.8	1.6	180
	HP	1236	0	26.5	-0.2	1.9	155
	J&K	1702	426	33.1	15.4	-4.8	201
WR	Chandigarh	342	0	6.5	6.7	-0.2	29
	Chhattisgarh	3101	0	76.5	18.3	2.9	504
	Gujarat	11586	12	256.6	36.3	-2.0	432
	MP	6828	0	139.7	75.5	1.2	384
	Maharashtra	16176	0	355.5	118.0	2.5	629
	Goa	395	0	8.8	6.9	1.4	65
	DD	302	0	6.7	6.2	0.5	83
	DNH	728	0	16.7	17.0	-0.3	8
SR	Essar steel	358	0	7.5	7.1	0.4	129
	Andhra Pradesh	6176	0	139.9	15.4	3.2	465
	Telangana	6335	0	137.2	82.2	-0.1	333
	Karnataka	7860	300	157.9	66.5	2.6	544
	Kerala	3337	0	62.3	46.6	1.0	531
	Tamil Nadu	13619	0	288.8	111.4	0.0	394
ER	Pondy	330	0	7.1	7.3	-0.3	51
	Bihar	3415	100	69.4	65.7	1.5	200
	DVC	2762	0	61.8	-26.5	-0.3	210
	Jharkhand	1028	0	21.3	16.4	-0.1	50
	Odisha	3998	0	79.6	26.1	-1.6	200
	West Bengal	7850	0	152.0	44.4	2.1	360
NER	Sikkim	83	0	1.1	1.6	-0.5	25
	Arunachal Pradesh	97	3	1.9	2.2	-0.3	9
	Assam	1510	67	28.1	20.6	1.5	331
	Manipur	134	2	2.0	2.0	-0.1	33
	Meghalaya	251	0	5.0	0.1	0.6	73
	Mizoram	75	1	1.2	1.0	0.1	22
	Nagaland	107	1	1.6	1.9	-0.3	14
Tripura	243	3	2.9	3.2	0.4	136	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.2	-4.6	-13.1
Day peak (MW)	1467.4	-185.8	-554.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	215.0	-202.2	76.6	-84.0	-7.0	-1.7
Actual(MU)	214.3	-204.4	72.8	-79.5	-7.9	-4.7
O/D/U/D(MU)	-0.7	-2.1	-3.8	4.6	-0.9	-3.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3245	15888	2220	2250	34	23637
State Sector	13685	22424	8407	4799	110	49425
Total	16930	38312	10627	7049	143	73062

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-Jul-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	D/C	0	363	0.0	12.7	-12.7
2		SASARAM-FATEHPUR	S/C	303	0	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	333	0.0	4.8	-4.8
4	HVDC LINK	PUSAULI B/B	S/C	0	374	0.0	8.9	-8.9
5	400 KV	PUSAULI-SARNATH	S/C	0	282	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	D/C	0	156	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	4	613	0.0	11.5	-11.5
8		PATNA-BALIA	Q/C	0	863	0.0	16.4	-16.4
9		BIHARSHARIFF-BALIA	D/C	59	215	0.0	3.0	-3.0
10		BARH-GORAKHPUR	D/C	0	500	0.0	10.4	-10.4
11	220 KV	BIHARSHARIFF-VARANASI	D/C	648	0	0.0	1.9	-1.9
12		PUSAULI-SAHUPURI	S/C	0	243	0.0	4.8	-4.8
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>3.7</b>	<b>74.5</b>	<b>-70.8</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	773	0.0	10.1	-10.1
18		NEW RANCHI-DHARAMJAIGARH	D/C	419	130	1.0	0.0	1.0
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	121	43	0.8	0.0	0.8
20		JHARSUGUDA-RAIGARH	S/C	130	33	1.0	0.0	1.0
21		IBEUL-RAIGARH	S/C	94	20	0.7	0.0	0.7
22		STERLITE-RAIGARH	D/C	30	0	0.8	0.0	0.8
23	220 KV	RANCHI-SIPAT	D/C	223	26	1.7	0.0	1.7
24		BUDHIPADAR-RAIGARH	S/C	0	229	0.0	3.9	-3.9
25		BUDHIPADAR-KORBA	D/C	0	149	0.0	1.9	-1.9
<b>ER-WR</b>						<b>6.0</b>	<b>15.8</b>	<b>-9.9</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	317	0.0	10.7	-10.7
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1970	0.0	38.7	-38.7
28		TALCHER-I/C		697.2	647	8.3	2.2	6.1
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>8.3</b>	<b>49.4</b>	<b>-49.4</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	723	492	7.1	0.0	7
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.2	-1
<b>ER-NER</b>						<b>7.1</b>	<b>1.2</b>	<b>5.9</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	4.3	0.0	4.3
<b>NR-NER</b>						<b>4.3</b>	<b>0.0</b>	<b>4.3</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	VCHAL B/B	D/C	250	250	2.5	2.3	0.2
34	HVDC	APL -MHG	D/C	0	2160	0.0	60.4	-60.4
35	765 KV	GWALIOR-AGRA	D/C	0	3030	0.0	57.4	-57.4
36	765 KV	PHAGI-GWALIOR	D/C	0	1256	0.0	24.3	-24.3
37	400 KV	ZERDA-KANKROLI	S/C	150	90	1.1	0.0	1.1
38	400 KV	ZERDA -BHINMAL	S/C	143	113	1.0	0.0	1.0
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	0	117	0.0	1.7	-1.7
42		BADOD-MORAK	S/C	0	112	0.0	2.1	-2.1
43		MEHGAON-AURAIYA	S/C	43	0	0.7	0.0	0.7
44		MALANPUR-AURAIYA	S/C	14	7	0.2	0.0	0.1
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>5.5</b>	<b>148.3</b>	<b>-142.8</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2082	0.0	43.4	-43.4
49	400 KV	KOLHAPUR-KUDGI	D/C	33	291	0.0	3.2	-3.2
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	176	0.0	3.8	-3.8
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	90	0	1.8	0.0	1.8
<b>WR-SR</b>						<b>1.9</b>	<b>71.6</b>	<b>-69.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						<b>33.2</b>
55		NEPAL						<b>-4.6</b>
56		BANGLADESH						<b>-13.1</b>