



**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: 28<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, 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 27.07.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 27.07.16 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 27<sup>th</sup> July 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%212016/28.07.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%212016/28.07.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

28-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44791	39800	34013	18534	2319	139457
Peak Shortage (MW)	1642	30	0	100	156	1928
Energy Met (MU)	1048	889	760	371	42	3110
Hydro Gen(MU)	331	80	46	73	28	558
Wind Gen(MU)	18	36	36	-----	-----	90

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	1.35	1.35	76.64	22.00
SR GRID	0.00	0.00	0.00	1.35	1.35	76.64	22.00

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	9245	0	212.4	123.0	0.1	204
	Haryana	8557	0	180.3	144.5	-2.2	141
	Rajasthan	7811	0	172.8	59.4	-0.5	316
	Delhi	4723	0	101.5	79.0	0.0	197
	UP	13328	215	289.6	148.3	0.1	407
	Uttarakhand	1771	75	36.0	23.5	3.5	441
	HP	1203	0	25.2	2.4	1.8	209
	J&K	1567	342	24.0	10.2	-5.7	159
WR	Chandigarh	288	0	5.9	6.3	-0.4	10
	Chhattisgarh	3288	159	76.3	14.8	3.4	615
	Gujarat	11788	0	272.0	65.6	-3.1	475
	MP	6620	0	135.9	77.5	-1.0	469
	Maharashtra	16493	0	361.7	130.7	1.3	520
	Goa	393	0	8.4	6.7	1.0	118
	DD	291	0	6.0	6.1	-0.1	55
	DNH	731	0	16.6	17.1	-0.5	7
SR	Essar steel	609	0	11.9	11.0	1.0	234
	Andhra Pradesh	6003	0	122.8	14.4	-4.7	509
	Telangana	6431	0	139.0	85.6	0.6	356
	Karnataka	7531	0	146.5	63.4	0.5	555
	Kerala	3138	0	62.7	47.6	0.6	178
	Tamil Nadu	12848	0	281.8	140.1	-3.7	535
ER	Pondy	333	0	6.9	7.2	-0.3	34
	Bihar	3413	100	70.3	69.3	-1.0	140
	DVC	2830	0	60.4	-18.9	0.5	180
	Jharkhand	1015	0	21.2	16.6	-1.2	100
	Odisha	4037	0	77.4	28.8	1.8	250
	West Bengal	7705	0	140.3	34.4	3.5	300
NER	Sikkim	89	0	1.2	0.9	0.3	20
	Arunachal Pradesh	89	5	2.1	2.0	0.1	10
	Assam	1470	74	27.0	17.7	4.2	250
	Manipur	124	1	1.9	2.0	-0.1	43
	Meghalaya	270	0	4.3	-0.7	0.5	78
	Mizoram	78	1	1.2	1.0	0.2	65
	Nagaland	105	7	1.9	1.8	0.1	20
Tripura	250	1	4.0	3.4	0.6	89	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.8	-5.0	-12.4
Day peak (MW)	1381.8	-197.4	-548.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	195.3	-191.4	80.9	-75.3	-13.2	-3.7
Actual(MU)	185.2	-189.4	77.8	-69.8	-10.1	-6.3
O/D/U/D(MU)	-10.1	2.0	-3.1	5.5	3.1	-2.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4970	12986	1430	2550	34	21970
State Sector	12485	20522	8497	6429	110	48043
Total	17455	33508	9927	8979	143	70013

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

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 28-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	314	0.0	11.2	-11.2
2		SASARAM-FATEHPUR	S/C	0	165	0.0	1.8	-1.8
3		GAYA-BALIA	S/C	0	353	0.0	6.1	-6.1
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	10	0	4.4	0.0	4.4
6		PUSAULI-ALLAHABAD	D/C	127	0	1.9	0.0	1.9
7		MUZAFFARPUR-GORAKHPUR	D/C	6	566	0.0	10.2	-10.2
8		PATNA-BALIA	Q/C	0	689	0.0	13.8	-13.8
9		BIHARSHARIFF-BALIA	D/C	0	274	0.0	5.1	-5.1
10		BARH-GORAKHPUR	D/C	0	507	0.0	10.5	-10.5
11		BIHARSHARIFF-VARANASI	D/C	796	0	0.0	3.6	-3.6
12	220 KV	PUSAULI-SAHUPURI	S/C	0	228	0.0	4.4	-4.4
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	0.6	0.0	0.6
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>7.5</b>	<b>66.9</b>	<b>-59.4</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	656	0.0	7.5	-7.5
18		NEW RANCHI-DHARAMJAIGARH	D/C	545	84	5.3	0.0	5.3
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	183	5	1.6	0.0	1.6
20		JHARSUGUDA-RAIGARH	S/C	178	0	1.8	0.0	1.8
21		IBEUL-RAIGARH	S/C	127	0	1.2	0.0	1.2
22		STERLITE-RAIGARH	D/C	30	0	1.4	0.0	1.4
23		RANCHI-SIPAT	D/C	294	0	3.0	0.0	3.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	115	0.0	1.5	-1.5
25		BUDHIPADAR-KORBA	D/C	83	35	0.4	0.0	0.4
<b>ER-WR</b>						<b>14.6</b>	<b>9.1</b>	<b>5.6</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	426	0.0	16.2	-16.2
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1977	0.0	41.7	-41.7
28		TALCHER-I/C			338.8	586	1.8	4.0
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>1.8</b>	<b>57.9</b>	<b>-57.9</b>
<b>Import/Export of ER (With NER)</b>								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	402	439	1.8	0.0	2
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	1.8	-2
<b>ER-NER</b>						<b>1.8</b>	<b>1.8</b>	<b>0.0</b>
<b>Import/Export of NR (With NER)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	488	0	10.9	0.0	10.9
<b>NR-NER</b>						<b>10.9</b>	<b>0.0</b>	<b>10.9</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	VCHAL B/B	D/C	500	250	6.9	1.0	5.9
34	HVDC	APL -MHG	D/C	0	2518	0.0	41.9	-41.9
35	765 KV	GWALIOR-AGRA	D/C	0	3124	0.0	53.2	-53.2
36	765 KV	PHAGI-GWALIOR	D/C	0	1244	0.0	22.8	-22.8
37	400 KV	ZERDA-KANKROLI	S/C	112	103	0.0	0.1	-0.1
38	400 KV	ZERDA -BHINMAL	S/C	158	198	0.0	0.5	-0.5
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	18	73	0.0	0.8	-0.8
42		BADOD-MORAK	S/C	0	81	0.0	1.0	-1.0
43		MEHGAON-AURAIYA	S/C	53	0	0.8	0.0	0.8
44		MALANPUR-AURAIYA	S/C	17	11	0.2	0.1	0.1
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.0</b>	<b>121.5</b>	<b>-113.6</b>
<b>Import/Export of WR (With SR)</b>								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.6	-20.6
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	2313	0.0	46.4	-46.4
49	400 KV	KOLHAPUR-KUDGI	D/C	43	255	0.0	3.5	-3.5
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	176	0.0	3.9	-3.9
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
52		XELDEM-AMBEWADI	S/C	89	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>74.4</b>	<b>-72.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						<b>31.8</b>
55		NEPAL						<b>-5.0</b>
56		BANGLADESH						<b>-12.4</b>