



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशनलिमिटेड**  
**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: 23<sup>rd</sup> July, 2015

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. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, 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., डोंगतेह, 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 22.07.2015.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, दिनांक 22 जुलाई 2015 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 22th July 2015, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

23-Jul-15

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44367	38135	33851	16046	2012	134411
Peak Shortage (MW)	3266	297	300	298	319	4480
Energy Met (MU)	1018	876	792	336	39	3061
Hydro Gen(MU)	296	30	54	73	22	475
Wind Gen(MU)	3	40	89	-----	-----	132

**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	0.47	8.39	8.87	72.65	18.48
SR GRID	0.00	0.00	0.47	8.39	8.87	72.65	18.48

**C. Power Supply Position in States**

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	9300	0	205.5	119.0	-1.0	158
	Haryana	7736	0	165.9	125.0	-0.5	272
	Rajasthan	7520	0	169.9	50.2	2.3	341
	Delhi	5079	0	105.3	88.4	0.9	392
	UP	11897	4350	268.9	130.2	5.5	565
	Uttarakhand	1905	0	37.7	13.9	1.9	211
	HP	1027	217	25.0	-2.4	3.4	482
	J&K	1764	441	33.8	19.3	1.0	286
WR	Chandigarh	285	0	5.8	6.0	0.3	16
	Chhattisgarh	3238	96	76.3	23.6	-0.5	74
	Gujarat	11418	0	247.0	54.8	-4.2	405
	MP	6554	0	135.8	81.8	0.0	290
	Maharashtra	17057	51	379.5	110.9	1.3	639
	Goa	379	0	8.4	7.6	0.2	39
	DD	295	0	6.5	6.3	0.1	52
	DNH	684	0	15.8	15.7	0.1	28
SR	Essar steel	444	0	7.2	7.9	-0.7	86
	Andhra Pradesh	6061	0	141.0	29.5	4.2	498
	Telangana	6001	0	139.0	92.3	-0.4	300
	Karnataka	8618	300	169.8	28.5	1.7	332
	Kerala	3110	0	57.5	35.5	1.5	233
	Tamil Nadu	12104	0	277.4	98.9	0.4	443
	Pondy	316	0	6.8	7.0	-0.2	20
	Bihar	2998	0	60.1	61.5	-2.2	300
ER	DVC	2356	0	55.0	-20.0	0.8	350
	Jharkhand	1099	0	20.9	13.6	-0.4	200
	Odisha	3775	0	71.3	17.6	1.3	220
	West Bengal	6456	9	127.4	47.4	1.2	350
	Sikkim	85	0	1.4	1.1	0.3	20
NER	Arunachal Pradesh	102	6	1.2	2.2	-1.0	20
	Assam	1172	243	25.8	18.6	2.7	215
	Manipur	116	7	1.7	1.9	-0.2	66
	Meghalaya	273	0	4.3	1.6	-0.8	32
	Mizoram	68	4	1.1	1.0	0.1	19
	Nagaland	121	3	1.6	1.7	-0.1	31
	Tripura	172	43	3.2	0.0	1.4	92

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.0	-4.1	-8.8
Max MW		-204.2	-445.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	139.7	-113.6	50.1	-74.8	-1.0	0.4
Actual(MU)	152.4	-125.8	45.1	-74.0	-1.1	-3.4
O/D/U/D(MU)	12.7	-12.2	-5.0	0.8	-0.1	-3.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5377	14059	2160	2070	511	24177
State Sector	8130	14633	3500	6099	110	32471
Total	13507	28692	5660	8169	620	56648

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

<b>INTER-REGIONAL EXCHANGES</b>						<b>Date of Reporting : 23-Jul-15</b>		
						Import=(+ve) /Export =(-ve)		
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-FATEHPUR	S/C	0	-381	0.0	-7.0	-7.0
		GAYA-BALIA	S/C	0	0	0.0	-2.0	-2.0
2		SASARAM-FATEHPUR	S/C	0	0	0.0	-3.0	-3.0
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-9	-9
4	400 KV	PUSAULI-SARNATH	S/C	0	-245	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-187	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-647	0	-11	-11
7		PATNA-BALIA	Q/C	0	-172	0	-7	-7
8		BIHARSHARIFF-BALIA	D/C	21	-227	0	-4	-4
		BARH-GORAKHPUR	D/C	0	0	0	-6	-6
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-238	0.0	-4.0	-4.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	46	0	1.0	0.0	1.0
13		KARMANASA-SAHUPURI	S/C	0	-1	0.0	0.0	0.0
14		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>1.0</b>	<b>-53.0</b>	<b>-52.0</b>
<b>Import/Export of ER (With WR)</b>								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-182	0	-1.6	-2.0	-1.6
16		NEW RANCHI-DHARAMJAIGARH	S/C	-79	122	0.0	0.0	0.6
17	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	-1.0	-1.0
18		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	-1.0	-1.0
19		IBEUL-RAIGARH	S/C	0	0	0.0	-1.0	-1.0
20		STERLITE-RAIGARH	D/C	0	0	0.0	-5.9	-5.9
21		RANCHI-SIPAT	D/C	1	0	0.0	-0.1	-0.1
22	220 KV	BUDHIPADAR-RAIGARH	S/C	116	-40	1.0	0.0	1.0
23		BUDHIPADAR-KORBA	D/C	0	0	0.0	0.0	0.0
<b>ER-WR</b>						<b>-0.6</b>	<b>-11.0</b>	<b>-9.0</b>
<b>Import/Export of ER (With SR)</b>								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-581	0	-15.0	-15.0
25		TALCHER-KOLAR BIPOLE	D/C	0	-1968	0	-44.0	-44.0
26	400 KV	TALCHER-I/C		0	0	0	0	0
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
<b>ER-SR</b>						<b>0.0</b>	<b>-59.0</b>	<b>-59.0</b>
<b>Import/Export of ER (With NER)</b>								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	267	-58	4	0	4
28	220 KV	BIRPARA-SALAKATI	D/C	0	-76	0	-1	-1
<b>ER-NER</b>						<b>4.0</b>	<b>-1.0</b>	<b>3.0</b>
<b>Import/Export of WR (With NR)</b>								
29	HVDC	V'CHAL B/B	D/C	100	-500	0.6	-4.3	-3.7
30	765 KV	GWALIOR-AGRA	D/C	0	-2414	0.0	-46.8	-46.8
31	400 KV	ZERDA-KANKROLI	S/C	254	0	2.9	0.0	2.9
32	400 KV	ZERDA -BHINMAL	S/C	262	-96	1.6	0.0	1.6
33	400 KV	V'CHAL -RIHAND	S/C	0	-493	0.0	-10.9	-10.9
34	220 KV	BADOD-KOTA	S/C	60	-26	0.3	-0.1	0.2
35		BADOD-MORAK	S/C	34	-38	0.1	-0.2	-0.1
36		MEHGAON-AURAIYA	S/C	38	0	0.5	0.0	0.5
37		MALANPUR-AURAIYA	S/C	14	-13	0.0	-0.1	-0.1
38	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.0</b>	<b>-62.4</b>	<b>-56.4</b>
39	HVDC	APL-MHG	D/C	0	-2016	0.0	-45.3	-45.3
<b>Import/Export of WR (With SR)</b>								
40	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	0.0	0.0
41		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
42	765 KV	SOLAPUR-RAICHUR	D/C	0	-916	0.0	-8.6	-8.6
43	220 KV	KOLHAPUR-CHIKODI	D/C	0	-147	0.0	-2.7	-2.7
44		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
45		XELDEM-AMBEWADI	S/C	92	0	1.9	0.0	1.9
<b>WR-SR</b>						<b>1.9</b>	<b>-11.3</b>	<b>-9.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
46		BHUTAN						34.0
47		NEPAL						-4.1
48		BANGLADESH						-8.8