



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 15<sup>th</sup> May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, 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., एफ3-, 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, शिलॉंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 14.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14 मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें की वेबसाइट 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 14<sup>th</sup> May 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

15-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47144	44145	34330	18980	2383	146982
Peak Shortage (MW)	1486	20	0	0	64	1569
Energy Met (MU)	1111	1083	841	370	38	3443
Hydro Gen(MU)	308	22	25	46	11	411
Wind Gen(MU)	22	63	81	-----	-----	166
Solar Gen (MU)*	3.68	12.29	25.70	1.37	0.02	43
Energy Shortage (MU)	13.1	0.0	0.0	0.2	1.5	14.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52023	45657	36451	19528	2500	150706

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.035	0.00	0.00	3.96	3.96	72.09	23.95

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)	Energy Shortage (MU)
NR	Punjab	7274	0	166.5	98.1	0.8	231	0.0
	Haryana	7531	0	155.1	112.6	0.5	202	0.0
	Rajasthan	10013	0	211.5	66.9	2.0	354	0.0
	Delhi	5657	11	109.9	92.7	-0.6	280	0.1
	UP	16952	420	360.3	152.4	4.9	900	3.7
	Uttarakhand	1909	0	39.0	16.8	0.3	202	0.0
	HP	1122	0	24.0	3.5	-1.5	119	0.1
	J&K	1923	481	39.0	16.4	-0.6	125	9.2
	Chandigarh	279	0	5.4	5.9	-0.5	12	0.0
	WR	Chhattisgarh	3483	0	83.8	13.0	0.5	114
Gujarat		14731	5	328.8	99.4	-1.1	330	0.0
MP		7905	2	177.4	87.0	0.6	608	0.0
Maharashtra		20213	0	450.0	138.0	-0.7	637	0.0
Goa		440	0	9.4	8.8	0.3	18	0.0
DD		296	0	6.6	6.6	0.0	28	0.0
DNH		725	0	16.7	17.1	-0.4	-3	0.0
Essar steel		508	0	10.5	9.6	0.9	162	0.0
Andhra Pradesh		7445	0	160.2	49.0	3.6	600	0.0
Telangana		6335	0	136.8	57.3	-3.4	472	0.0
SR	Karnataka	7792	0	168.9	71.5	2.0	520	0.0
	Kerala	3509	0	67.2	52.6	1.4	305	0.0
	Tamil Nadu	13274	0	301.3	120.6	-2.4	675	0.0
	Pondy	333	0	7.0	7.4	-0.4	34	0.0
	Bihar	4110	0	75.2	71.6	1.8	220	0.2
	DVC	2717	0	61.5	-34.6	-0.6	250	0.0
ER	Jharkhand	1158	0	24.2	18.1	0.2	85	0.0
	Odisha	4198	0	80.1	22.9	0.5	225	0.0
	West Bengal	7761	0	128.4	34.5	0.5	250	0.0
	Sikkim	60	0	0.9	1.3	-0.4	15	0.0
	Arunachal Pradesh	109	2	1.9	1.6	0.3	40	0.1
NER	Assam	1492	28	23.2	17.8	2.0	124	1.3
	Manipur	147	1	2.1	2.0	0.1	15	0.0
	Meghalaya	246	0	4.2	3.2	-0.1	21	0.0
	Mizoram	73	2	1.3	1.2	0.0	2	0.0
	Nagaland	98	6	2.0	2.0	-0.1	4	0.1
	Tripura	236	7	3.1	3.0	-0.3	22	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.2	-6.8	-14.9
Day peak (MW)	384.2	-321.1	-666.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	179.4	-205.1	87.2	-64.7	4.8	1.6
Actual(MU)	179.7	-206.1	80.5	-57.2	6.1	3.0
O/D/U/D(MU)	0.3	-1.1	-6.7	7.5	1.3	1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3712	12931	4980	1200	380	23202
State Sector	9305	12857	7042	5455	110	34769
Total	13017	25788	12022	6655	489	57971

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	15-May-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	258	0.0	6.7	-6.7	
2		SASARAM-FATEHPUR	S/C	0	0	4.3	0.0	4.3	
3		GAYA-BALIA	S/C	0	510	0.0	7.9	-7.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6	
6	400 KV	PUSAULI-VARANASI	S/C	0	158	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	21	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	338	0.0	2.1	-2.1	
9		PATNA-BALIA	Q/C	0	744	0.0	13.2	-13.2	
10		BIHARSHARIFF-BALIA	D/C	0	323	0.0	5.0	-5.0	
11		BARH-GORAKHPUR	D/C	0	477	0.0	9.2	-9.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	239	0.0	4.6	-4.6	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>6.0</b>	<b>52.3</b>	<b>-46.3</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	14	9.7	0.0	9.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	170	6.9	0.0	6.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	23	2.3	0.0	2.3	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6	
22		IBEUL-RAIGARH	S/C	0	0	2.6	0.0	2.6	
23		STERLITE-RAIGARH	D/C	0	147	0.0	0.9	-0.9	
24		RANCHI-SIPAT	D/C	0	0	5.1	0.0	5.1	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	75	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	4.8	0.0	4.8	
<b>ER-WR</b>						<b>34.1</b>	<b>1.4</b>	<b>32.7</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.6	-13.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	350.5	0.0	13.1	-13.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2032.1	0.0	39.7	-39.7	
30	400 KV	TALCHER-I/C	D/C	0.0	1027.8	0.0	12.5	-12.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>66.3</b>	<b>-66.3</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1017	0.0	6.9	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	811	0.0	3.7	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>12.2</b>	<b>-12.2</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	10.1	-10.1	
<b>NER-NR</b>						<b>0.0</b>	<b>10.1</b>	<b>-10.1</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	13.6	-13.6	
37		V'CHAL B/B	D/C	500	0	9.8	0.0	9.8	
38		APL -MHG	D/C	0	2517	0.0	53.4	-53.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2868	0.0	51.3	-51.3	
40		PHAGI-GWALIOR	D/C	0	1240	0.0	21.3	-21.3	
41	400 KV	ZERDA-KANKROLI	S/C	414	0	6.0	0.0	6.0	
42		ZERDA -BHINMAL	S/C	367	0	4.1	0.0	4.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	394	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	65	52	0.4	0.2	0.2	
46		BADOD-MORAK	S/C	19	90	0.1	0.6	-0.6	
47		MEHGAON-AURAIYA	S/C	80	0	1.1	0.0	1.1	
48		MALANPUR-AURAIYA	S/C	48	0	0.4	0.0	0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>21.8</b>	<b>142.8</b>	<b>-121.0</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.9	-19.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1749	0.0	28.4	-28.4	
53		WARDHA-NIZAMABAD	D/C	0	943	0.0	5.8	-5.8	
54	400 KV	KOLHAPUR-KUDGI	D/C	401	402	0.5	1.5	-1.0	
55		KOLHAPUR-CHIKODI	D/C	0	146	0.0	1.6	-1.6	
56	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	84	0	1.8	0.0	1.8	
<b>WR-SR</b>						<b>2.3</b>	<b>57.2</b>	<b>-54.9</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						7.2	
59		NEPAL						-6.8	
60		BANGLADESH						-14.9	