



**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: 14<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 , लापालंग, शिल्लोंग - 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 13.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13 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 13<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

14-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49588	46070	37623	16956	2404	152641
Peak Shortage (MW)	858	68	0	0	95	1021
Energy Met (MU)	1161	1105	889	380	42	3577
Hydro Gen(MU)	320	18	46	48	11	442
Wind Gen(MU)	13	47	24	-----	-----	84
Solar Gen (MU)*	3.68	12.03	26.80	1.21	0.02	44
Energy Shortage (MU)	9.5	0.0	0.0	0.0	0.8	10.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52338	47790	39496	18973	2554	153973

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	0.043	0.00	0.45	8.94	9.39	76.55	14.06

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	7801	0	175.9	100.6	-0.2	186	0.0
	Haryana	7523	0	162.6	116.1	0.4	201	0.0
	Rajasthan	10260	0	217.5	65.6	0.6	232	0.1
	Delhi	5607	0	113.8	95.1	0.7	278	0.1
	UP	17311	1335	377.9	150.1	1.1	397	0.0
	Uttarakhand	1889	0	40.8	17.6	0.6	138	0.0
	HP	1349	0	27.1	1.8	2.9	325	0.0
	J&K	1952	488	39.3	16.3	-0.1	173	9.3
	Chandigarh	287	0	5.8	6.1	-0.3	12	0.0
WR	Chhattisgarh	3734	0	82.4	12.7	-0.5	322	0.0
	Gujarat	15368	0	339.7	106.5	-1.7	506	0.0
	MP	8356	0	183.6	95.1	0.8	265	0.0
	Maharashtra	20620	0	455.1	147.2	-1.6	819	0.0
	Goa	465	0	10.0	8.9	0.8	50	0.0
	DD	315	0	7.2	6.8	0.4	37	0.0
	DNH	731	0	16.7	17.2	-0.5	-6	0.0
	Essar steel	570	0	10.2	10.4	-0.2	178	0.0
	Andhra Pradesh	7444	0	165.2	55.1	5.9	639	0.0
SR	Telangana	6645	0	142.4	56.0	-2.6	454	0.0
	Karnataka	8691	0	190.7	71.2	6.0	662	0.0
	Kerala	3618	0	67.8	51.8	0.9	282	0.0
	Tamil Nadu	14169	0	315.3	161.9	-2.2	561	0.0
	Pondy	332	0	7.3	7.1	0.2	98	0.0
	Bihar	3994	0	73.3	70.6	0.9	200	0.0
ER	DVC	2708	0	59.6	-36.8	0.4	150	0.0
	Jharkhand	1063	0	23.5	17.3	0.1	85	0.0
	Odisha	3949	0	83.8	22.8	0.8	250	0.0
	West Bengal	7827	0	138.9	37.7	0.4	200	0.0
	Sikkim	72	0	1.0	1.1	-0.1	15	0.0
	Arunachal Pradesh	109	1	2.0	1.6	0.4	8	0.0
NER	Assam	1488	81	25.7	18.9	3.4	168	0.5
	Manipur	136	1	2.8	1.9	0.8	5	0.0
	Meghalaya	250	0	4.3	3.0	0.0	31	0.0
	Mizoram	77	1	1.4	1.2	0.2	9	0.0
	Nagaland	104	1	2.2	1.9	0.2	5	0.0
	Tripura	251	1	3.8	3.0	0.1	7	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.5	-6.9	-14.7
Day peak (MW)	367.6	-343.1	-640.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.2	-211.7	87.5	-63.8	5.7	1.9
Actual(MU)	177.1	-218.5	92.5	-60.7	10.5	0.9
O/D/U/D(MU)	-7.1	-6.8	5.0	3.1	4.8	-1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3712	12331	4690	2300	380	23412
State Sector	9305	13282	7042	5455	110	35194
Total	13017	25613	11732	7755	489	58606

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरण)/(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 :	14-May-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	245	0.0	4.2	-4.2	
2		SASARAM-FATEHPUR	S/C	0	35	3.9	0.0	3.9	
3	HVDC	GAYA-BALIA	S/C	0	462	0.0	5.9	-5.9	
4		ALIPURDUAR-AGRA	-	0	0	0.0	1.1	-1.1	
5	400 KV	PUSAULI B/B	S/C	0	148	0.0	3.7	-3.7	
6		PUSAULI-VARANASI	S/C	0	143	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	43	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	529	0.0	1.7	-1.7	
9		PATNA-BALIA	Q/C	0	896	0.0	15.8	-15.8	
10		BIHARSHARIFF-BALIA	D/C	0	347	0.0	4.7	-4.7	
11		BARH-GORAKHPUR	D/C	0	492	0.0	10.1	-10.1	
12	BIHARSHARIFF-VARANASI	D/C	0	0	1.1	0.0	1.1		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	239	0.0	4.2	-4.2	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
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	
ER-NR						5.0	51.3	-46.3	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	139	10.9	0.0	10.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	602	2.4	0.0	2.4	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	95	2.4	0.0	2.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1	
22		IBEUL-RAIGARH	S/C	0	0	3.0	0.0	3.0	
23		STERLITE-RAIGARH	D/C	0	195	0.1	0.0	0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	116	4.7	0.0	4.7	
25		BUDHIPADAR-RAIGARH	S/C	0	77	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	5.2	0.0	5.2	
ER-WR						31.9	0.4	31.5	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	6.5	-6.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	353.2	0.0	15.1	-15.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2519.0	0.0	49.0	-49.0	
30	400 KV	TALCHER-1C	D/C	0.0	859.9	0.0	9.5	-9.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	70.6	-70.6	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	927	0.0	4.3	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	770	0.0	3.7	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1	
ER-NER						0.0	9.2	-9.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	250	1.2	0.0	1.2	
NER-NR						1.2	0.0	1.2	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.6	-35.6	
37		V'CHAL B/B	D/C	400	0	9.8	0.0	9.8	
38		APL -MHG	D/C	0	2299	0.0	53.5	-53.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2870	0.0	48.9	-48.9	
40		PHAGI-GWALIOR	D/C	0	958	0.0	16.9	-16.9	
41	400 KV	ZERDA-KANKROLI	S/C	388	0	6.9	0.0	6.9	
42		ZERDA -BHINMAL	S/C	352	0	4.7	0.0	4.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	293	0	2	-2	
45		BADOD-KOTA	S/C	67	9	0.9	0.0	0.8	
46		BADOD-MORAK	S/C	24	57	0.2	0.3	-0.1	
47		MEHGAON-AURAIYA	S/C	72	0	2.1	0.0	2.1	
48	132KV	MALANPUR-AURAIYA	S/C	40	0	0.5	0.0	0.5	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						25.1	157.1	-132.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1874	0.0	28.0	-28.0	
53		WARDHA-NIZAMABAD	D/C	0	666	0.0	8.9	-8.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	401	402	1.1	3.2	-2.1	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	139	0.0	1.1	-1.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	96	0	1.9	0.0	1.9	
WR-SR						3.0	63.4	-60.4	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						6.5	
59		NEPAL						-6.9	
60		BANGLADESH						-14.7	