



**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: 18<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, 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 17.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-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 17 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

18-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47081	46006	38197	15540	2400	149223
Peak Shortage (MW)	729	103	92	0	87	1011
Energy Met (MU)	1081	1126	899	377	42	3525
Hydro Gen(MU)	304	27	31	76	10	449
Wind Gen(MU)	16	79	121	-----	-----	216
Solar Gen (MU)*	3.74	12.77	23.50	1.16	0.02	41
Energy Shortage (MU)	11.7	0.0	0.0	0.0	0.8	12.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49817	47841	39129	18649	2464	151764

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	0.033	0.00	0.00	4.18	4.18	78.17	17.65

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	7085	0	161.8	98.6	1.0	231	0.0
	Haryana	7481	0	157.9	115.7	-0.3	202	0.0
	Rajasthan	9305	0	193.2	65.4	4.5	354	0.5
	Delhi	5756	0	115.1	96.5	-1.4	280	0.0
	UP	16305	0	347.2	165.9	0.1	900	1.5
	Uttarakhand	1774	0	36.2	18.2	-0.8	202	0.0
	HP	1204	0	25.3	3.1	3.7	119	1.0
	J&K	1939	485	38.4	14.0	-0.6	125	8.7
WR	Chandigarh	302	0	5.8	6.3	-0.5	12	0.0
	Chhattisgarh	3512	0	84.2	22.2	-1.7	277	0.0
	Gujarat	14969	0	334.6	86.2	2.1	603	0.0
	MP	8174	0	181.9	87.0	-1.2	454	0.0
	Maharashtra	22151	0	481.1	149.9	2.4	785	0.0
	Goa	457	0	9.8	9.2	0.3	69	0.0
	DD	321	0	7.2	6.7	0.5	80	0.0
	DNH	747	0	16.7	17.2	-0.5	3	0.0
	Essar steel	495	0	10.3	9.6	0.7	201	0.0
	SR	Andhra Pradesh	7844	0	166.9	49.4	5.7	575
Telangana		6731	0	145.7	58.6	-4.3	313	0.0
Karnataka		8224	0	177.1	68.0	3.7	526	0.0
Kerala		3795	0	76.4	56.3	1.6	225	0.0
Tamil Nadu		14531	0	325.4	116.1	-0.2	665	0.0
Pondy		369	0	7.7	7.9	-0.2	31	0.0
ER	Bihar	3843	0	61.0	61.9	-2.8	330	0.0
	DVC	2801	0	63.4	-41.2	-0.5	250	0.0
	Jharkhand	1165	0	23.5	18.9	-0.6	140	0.0
	Odisha	4311	0	87.2	28.6	0.9	380	0.0
	West Bengal	7016	0	140.5	41.2	3.0	290	0.0
	Sikkim	73	0	1.2	1.2	0.0	24	0.0
NER	Arunachal Pradesh	98	5	2.1	1.6	0.5	24	0.0
	Assam	1527	32	26.5	20.2	3.1	156	0.5
	Manipur	132	2	2.3	2.0	0.3	16	0.1
	Meghalaya	268	0	4.1	2.5	-0.3	54	0.0
	Mizoram	78	1	1.5	1.2	0.2	11	0.0
	Nagaland	100	6	2.1	1.7	0.3	13	0.0
	Tripura	231	7	3.7	2.6	-0.6	52	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	20.0	-7.6	-14.5
Day peak (MW)	963.6	-394.2	-630.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	202.5	-220.2	91.5	-79.9	7.0	0.9
Actual(MU)	197.5	-227.5	96.5	-81.6	11.4	-3.7
O/D/U/D(MU)	-5.1	-7.3	5.0	-1.7	4.4	-4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3712	11266	4760	1400	501	21638
State Sector	10545	15006	8062	6165	110	39888
Total	14257	26272	12822	7565	610	61526

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिड/प्र०)  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	18-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	354	0.0	8.5	-8.5	
2		SASARAM-FATEHPUR	S/C	0	220	1.5	0.0	1.5	
3	HVDC	GAYA-BALIA	S/C	0	441	0.0	4.8	-4.8	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.6	-0.6	
5	400 KV	PUSAULI B/B	S/C	0	344	0.0	3.4	-3.4	
6		PUSAULI-VARANASI	S/C	0	311	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	57	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	788	0.0	8.7	-8.7	
9		PATNA-BALIA	Q/C	0	812	0.0	16.1	-16.1	
10		BIHARSHARIFF-BALIA	D/C	0	335	0.0	4.0	-4.0	
11		BARH-GORAKHPUR	D/C	0	3657	0.0	10.6	-10.6	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.6	-2.6		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	236	0.0	4.7	-4.7	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4	
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						1.9	63.9	-62.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	435	10.2	0.0	10.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	252	2.3	0.0	2.3	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.1	0.0	1.1	
22		IBEUL-RAIGARH	S/C	0	0	3.0	0.0	3.0	
23		STERLITE-RAIGARH	D/C	0	87	0.0	2.4	-2.4	
24	220 KV	RANCHI-SIPAT	D/C	0	0	3.5	0.0	3.5	
25		BUDHIPADAR-RAIGARH	S/C	0	72	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1	
ER-WR						26.3	2.7	23.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.0	-13.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	351.9	0.0	14.3	-14.3	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2052.6	0.0	38.4	-38.4	
30	400 KV	TALCHER-1C	D/C	0.0	689.4	0.0	11.4	-11.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	65.8	-65.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	722	0.0	4.2	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	602	0.0	4.1	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
ER-NER						0.0	10.0	-10.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	244	301	0.0	1.3	-1.3	
NER-NR						0.0	1.3	-1.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	18.0	-18.0	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38	765 KV	APL -MHG	D/C	0	2519	0.0	55.1	-55.1	
39		GWALIOR-AGRA	D/C	0	2788	0.0	53.2	-53.2	
40	400 KV	PHAGI-GWALIOR	D/C	0	1624	0.0	27.5	-27.5	
41		ZERDA-KANKROLI	S/C	324	0	5.6	0.0	5.6	
42		ZERDA -BHINMAL	S/C	359	0	3.8	0.0	3.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	411	0	2	-2	
45		BADOD-KOTA	S/C	36	23	0.2	0.1	0.0	
46		BADOD-MORAK	S/C	0	69	0.0	0.9	-0.9	
47	220 KV	MEHGAON-AURAIYA	S/C	50	0	0.9	0.0	0.9	
48		MALANPUR-AURAIYA	S/C	29	7	0.3	0.0	0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						22.9	157.3	-134.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.4	-22.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1879	0.0	28.1	-28.1	
53		WARDHA-NIZAMABAD	D/C	0	756	0.0	12.4	-12.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	317	144	0.6	2.9	-2.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	149	0.0	2.3	-2.3	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	91	0	2.0	0.0	2.0	
WR-SR						2.6	68.0	-65.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						20.0	
59		NEPAL						-7.6	
60		BANGLADESH						-14.5	