



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर 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: 10<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 09.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09 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 09<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

10-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48147	45438	36498	16733	1770	148586
Peak Shortage (MW)	484	45	0	0	593	1121
Energy Met (MU)	1068	1106	878	356	36	3443
Hydro Gen(MU)	290	26	38	47	9	410
Wind Gen(MU)	21	64	50	-----	-----	135
Solar Gen (MU)*	4.02	12.20	25.00	1.08	0.01	42
Energy Shortage (MU)	9.9	0.0	0.0	0.0	3.4	13.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50559	48322	38754	18639	1919	149586

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	0.032	0.00	0.00	3.88	3.88	74.11	22.01

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	7289	0	163.3	94.0	0.8	242	0.1
	Haryana	7536	0	158.7	111.1	-0.9	212	0.0
	Rajasthan	9170	0	201.3	67.3	1.2	380	0.0
	Delhi	5692	0	116.0	97.8	-1.2	291	0.1
	UP	17243	0	316.6	128.4	0.7	357	0.0
	Uttarakhand	1912	0	39.3	20.9	-0.2	149	0.0
	HP	1236	0	25.7	5.6	2.7	217	0.1
	J&K	1935	484	41.2	16.8	1.0	95	9.7
WR	Chandigarh	305	0	5.9	6.3	-0.4	63	0.0
	Chhattisgarh	3581	0	83.8	17.4	-1.5	161	0.0
	Gujarat	15054	0	334.1	95.4	0.4	477	0.0
	MP	7796	0	168.2	81.8	0.5	797	0.0
	Maharashtra	21902	0	476.4	134.8	0.4	895	0.0
	Goa	505	0	10.3	9.0	0.8	113	0.0
	DD	325	0	7.3	6.7	0.6	74	0.0
	DNH	752	0	17.2	17.8	-0.6	-1	0.0
SR	Essar steel	431	0	8.2	7.8	0.5	202	0.0
	Andhra Pradesh	7227	0	159.0	51.1	1.0	586	0.0
	Telangana	7177	0	139.9	52.8	-3.4	405	0.0
	Karnataka	8372	0	179.8	72.7	3.8	517	0.0
	Kerala	3768	0	71.9	57.8	-0.1	586	0.0
	Tamil Nadu	14583	0	320.1	151.1	-0.1	405	0.0
	Pondy	367	0	7.5	7.8	-0.2	517	0.0
	ER	Bihar	3817	0	53.0	56.2	-5.0	300
DVC		2932	0	64.6	-40.4	2.5	470	0.0
Jharkhand		2203	0	21.5	16.6	-1.5	135	0.0
Odisha		3652	0	73.9	27.7	-1.0	220	0.0
West Bengal		7585	0	141.9	30.8	3.4	285	0.0
Sikkim		71	0	1.2	1.1	0.1	23	0.0
NER	Arunachal Pradesh	92	9	1.7	1.6	0.1	33	1.7
	Assam	1066	417	21.1	16.2	2.1	102	3.1
	Manipur	125	3	2.2	2.1	0.1	31	0.0
	Meghalaya	257	0	3.7	2.5	-0.3	46	0.0
	Mizoram	69	3	1.5	1.2	0.2	20	0.0
	Nagaland	109	3	1.9	1.8	-0.2	5	0.0
	Tripura	206	3	3.8	2.8	-0.3	83	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.5	-6.1	-14.2
Day peak (MW)	368.5	-303.7	-651.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	180.7	-199.8	93.5	-73.3	4.0	5.1
Actual(MU)	168.1	-193.6	92.8	-74.2	5.0	-1.8
O/D/U/D(MU)	-12.6	6.3	-0.7	-0.9	1.0	-7.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3403	13399	4480	1200	405	22886
State Sector	9345	14628	7882	5370	110	37335
Total	12748	28027	12362	6570	514	60221

\*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 :	10-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	292	0.0	8.7	-8.7	
2		SASARAM-FATEHPUR	S/C	0	163	1.6	0.0	1.6	
3	HVDC	GAYA-BALIA	S/C	0	316	0.0	3.6	-3.6	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	145	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	53	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	511	0.0	8.1	-8.1	
9		PATNA-BALIA	Q/C	0	866	0.0	16.1	-16.1	
10		BIHARSHARIFF-BALIA	D/C	0	211	0.0	3.4	-3.4	
11		BARH-GORAKHPUR	D/C	0	577	0.0	10.1	-10.1	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.2	-2.2		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	225	0.0	2.9	-2.9	
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	
ER-NR						2.1	58.7	-56.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	202	3.7	0.0	3.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	517	0.0	6.0	-6.0	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	51	0.4	0.0	0.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6	
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7	
23		STERLITE-RAIGARH	D/C	0	47	1.8	0.0	1.8	
24	220 KV	RANCHI-SIPAT	D/C	0	164	0.0	0.1	-0.1	
25		BUDHIPADAR-RAIGARH	S/C	0	99	0.0	0.9	-0.9	
26		BUDHIPADAR-KORBA	D/C	0	0	4.6	0.0	4.6	
ER-WR						13.9	7.0	6.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.5	-12.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	324.6	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2506.7	0.0	39.8	-39.8	
30	400 KV	TALCHER-1C	D/C	0.0	875.3	6.9	0.5	6.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	67.3	-67.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	775	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	797	4.6	0.0	5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	2.3	0.0	2	
ER-NER						6.9	0.0	6.9	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	500	9.1	0.0	9.1	
NER-NR						9.1	0.0	9.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.2	-35.2	
37		V'CHAL B/B	D/C	400	0	8.9	0.0	8.9	
38	765 KV	APL -MHG	D/C	0	2015	0.0	48.3	-48.3	
39		GWALIOR-AGRA	D/C	0	2172	0.0	38.6	-38.6	
40	400 KV	PHAGI-GWALIOR	D/C	0	1332	0.0	25.0	-25.0	
41		ZERDA-KANKROLI	S/C	485	0	8.9	0.0	8.9	
42		ZERDA -BHINMAL	S/C	444	170	7.3	0.0	7.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	256	0	1	-1	
45		BADOD-KOTA	S/C	61	0	0.9	0.0	0.9	
46		BADOD-MORAK	S/C	26	20	0.1	0.1	0.0	
47	132KV	MEHGAON-AURAIYA	S/C	66	0	1.2	0.0	1.2	
48		MALANPUR-AURAIYA	S/C	42	0	0.6	0.0	0.6	
49	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0		
WR-NR						27.9	148.6	-120.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	14.2	-14.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2021	0.0	34.6	-34.6	
53		WARDHA-NIZAMABAD	D/C	0	-892	0.0	-14.1	14.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	273	211	1.4	0.8	0.6	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	245	0.0	4.4	-4.4	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	88	0	1.4	0.0	1.4	
WR-SR						2.9	39.8	-37.0	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						6.5	
59		NEPAL						-6.1	
60		BANGLADESH						-14.2	