



**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: 16<sup>th</sup> June 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., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 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 15.06.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-जून 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 15 June 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

16-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51433	42179	35738	17518	2491	149359
Peak Shortage (MW)	2059	195	0	45	110	2409
Energy Met (MU)	1158	1007	833	379	45	3423
Hydro Gen(MU)	301	32	36	71	27	467
Wind Gen(MU)	19	88	129	-----	-----	236
Solar Gen (MU)*	2.32	12.59	20.00	1.15	0.02	36
Energy Shortage (MU)	15.0	2.8	0.0	0.1	1.0	18.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53112	43009	36402	18707	2609	150717

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	0.034	0.00	0.27	5.71	5.97	79.86	14.17

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	9524	0	207.2	123.4	-1.5	240	0.0
	Haryana	7485	0	165.7	120.6	-1.2	174	0.0
	Rajasthan	9311	726	186.2	71.4	3.2	298	1.6
	Delhi	5917	0	118.1	94.6	-0.6	224	0.1
	UP	17534	1205	367.2	157.3	2.4	514	4.3
	Uttarakhand	1933	0	43.2	19.7	0.2	160	0.0
	HP	1246	0	26.3	3.4	2.5	287	0.0
	J&K	1961	490	38.0	14.4	0.5	333	8.9
WR	Chandigarh	274	0	5.9	6.5	-0.6	0	0.0
	Chhattisgarh	3167	0	75.2	14.0	4.0	623	2.5
	Gujarat	15288	32	336.4	92.0	0.0	428	0.0
	MP	7268	0	158.8	78.7	-1.2	320	0.1
	Maharashtra	17472	0	397.0	109.5	0.9	700	0.0
	Goa	412	0	8.8	8.9	-0.5	138	0.2
	DD	325	0	7.3	6.0	1.3	92	0.0
	DNH	753	0	17.4	16.9	0.5	45	0.0
SR	Essar steel	331	0	6.6	6.0	0.6	199	0.0
	Andhra Pradesh	6506	0	151.9	40.6	7.2	627	0.0
	Telangana	5629	0	123.2	67.2	-1.3	768	0.0
	Karnataka	7684	0	169.6	71.7	4.5	1271	0.0
	Kerala	3502	0	67.3	47.9	1.3	187	0.0
	Tamil Nadu	14214	0	313.5	120.8	0.4	641	0.0
ER	Pondy	361	0	7.4	7.6	-0.2	38	0.0
	Bihar	4258	0	74.6	72.9	-1.4	220	0.0
	DVC	2844	0	65.4	-39.7	-0.5	250	0.0
	Jharkhand	1030	0	23.0	18.0	-0.6	100	0.0
	Odisha	3359	0	69.4	13.6	0.3	250	0.0
	West Bengal	7897	0	145.9	41.5	0.7	250	0.1
NER	Sikkim	69	0	1.1	1.4	-0.3	15	0.0
	Arunachal Pradesh	90	4	2.0	2.9	-0.9	12	0.0
	Assam	1576	79	28.9	20.0	3.0	135	0.8
	Manipur	142	2	2.1	2.0	0.1	14	0.0
	Meghalaya	256	0	4.9	0.1	-0.1	24	0.0
	Mizoram	65	5	1.2	0.9	0.1	13	0.0
	Nagaland	134	1	2.0	2.2	-0.4	33	0.0
	Tripura	243	5	4.1	2.7	0.1	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.2	-5.0	-14.4
Day peak (MW)	438.2	-224.4	-628.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	220.3	-196.4	73.3	-91.2	-4.3	1.8
Actual(MU)	202.4	-198.3	81.8	-83.1	-4.5	-1.7
O/D/U/D(MU)	-17.9	-1.9	8.5	8.0	-0.2	-3.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2654	15452	5190	1310	305	24910
State Sector	10880	16960	11102	5405	110	44457
Total	13534	32412	16292	6715	414	69367

\*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(ग्रिडप्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	16-Jun-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	0	0.0	7.1	-7.1	
2		SASARAM-FATEHPUR	S/C	0	100	1.2	0.0	1.2	
3	HVDC	GAYA-BALIA	S/C	0	531	0.0	8.3	-8.3	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
6		PUSAULI-VARANASI	S/C	0	221	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	77	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	546	0.0	7.9	-7.9	
9		PATNA-BALIA	Q/C	0	866	0.0	15.1	-15.1	
10		BIHARSHARIFF-BALIA	D/C	0	337	0.0	5.5	-5.5	
11		BARH-GORAKHPUR	D/C	0	517	0.0	9.6	-9.6	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.2	-2.2		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6	
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						1.8	61.7	-59.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	402	0.0	0.5	-0.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	469	4.2	0.0	4.2	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	74	0.4	0.0	0.4	
21		JHARSUGUDA-RAIGARH	S/C	0	58	0.6	0.0	0.6	
22		IBEUL-RAIGARH	S/C	0	0	0.6	0.0	0.6	
23		STERLITE-RAIGARH	D/C	0	152	0.0	1.8	-1.8	
24	220 KV	RANCHI-SIPAT	D/C	0	35	3.8	0.0	3.8	
25		BUDHIPADAR-RAIGARH	S/C	0	149	0.0	1.8	-1.8	
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6	
ER-WR						11.2	4.1	7.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.8	-16.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	11.1	-11.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2019.8	0.0	37.6	-37.6	
30	400 KV	TALCHER-1C	D/C	0.0	1227.0	0.0	11.7	-11.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	65.5	-65.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1451	0.0	4.2	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1216	0.0	5.4	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1	
ER-NER						0.0	11.0	-11.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	704	0.0	16.8	-16.8	
NER-NR						0.0	16.8	-16.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	32.7	-32.7	
37		V'CHAL B/B	D/C	500	300	7.7	0.0	7.6	
38		APL -MHG	D/C	0	2015	0.0	42.2	-42.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2560	0.0	47.3	-47.3	
40		PHAGI-GWALIOR	D/C	0	1628	0.0	29.1	-29.1	
41	400 KV	ZERDA-KANKROLI	S/C	451	0	5.6	0.0	5.6	
42		ZERDA -BHINMAL	S/C	415	0	5.1	0.0	5.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	280	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	42	50	0.1	0.6	-0.6	
46		BADOD-MORAK	S/C	0	82	0.0	1.6	-1.6	
47		MEHGAON-AURAIYA	S/C	47	7	0.2	0.0	0.2	
48		MALANPUR-AURAIYA	S/C	20	30	0.0	0.4	-0.4	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.7	156.5	-137.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	10.4	-10.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1590	0.0	28.5	-28.5	
53		WARDHA-NIZAMABAD	D/C	0	1074	0.0	19.1	-19.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	87	255	0.3	1.8	-1.6	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	76	0	1.4	0.0	1.4	
WR-SR						1.7	59.8	-58.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						11.0	
59		NEPAL						-5.0	
60		BANGLADESH						-14.4	