



**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: 20<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 19.06.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19 जून 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 19<sup>th</sup> June 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

20-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46929	43702	35754	16702	2510	145597
Peak Shortage (MW)	858	95	0	200	128	1281
Energy Met (MU)	1138	1032	810	387	40	3407
Hydro Gen(MU)	326	26	27	71	27	477
Wind Gen(MU)	39	131	138	-----	-----	308
Solar Gen (MU)*	0.55	12.26	18.70	1.09	0.00	33
Energy Shortage (MU)	11.3	0.0	0.0	0.6	1.5	13.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53568	44729	37005	18633	2521	147517

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	0.042	0.00	0.00	0.00	0.00	66.02	33.98

C. Power Supply Position in States

RegionRegion	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	9504	0	194.8	112.8	-2.9	261	0.0
	Haryana	7103	0	147.6	113.3	-1.3	522	0.0
	Rajasthan	9628	0	205.2	70.1	2.4	394	0.0
	Delhi	5376	0	109.7	89.8	0.8	340	0.0
	UP	17633	440	369.5	162.3	0.1	494	2.0
	Uttarakhand	1890	0	40.7	14.1	0.4	153	0.0
	HP	1196	0	25.4	-0.4	2.6	195	0.0
	J&K	2071	518	39.8	13.0	0.9	321	9.4
Chandigarh	278	0	5.6	6.3	-0.7	13	0.0	
WR	Chhattisgarh	3243	0	76.0	11.5	-1.5	130	0.0
	Gujarat	15398	0	335.1	103.6	-1.0	363	0.0
	MP	7383	0	158.8	83.6	-1.0	421	0.0
	Maharashtra	19113	0	420.0	120.0	2.7	650	0.0
	Goa	428	0	8.5	8.8	-0.8	29	0.0
	DD	293	0	7.0	6.5	0.5	73	0.0
	DNH	757	0	16.8	16.9	-0.2	88	0.0
Essar steel	467	0	9.8	10.1	-0.4	121	0.0	
SR	Andhra Pradesh	6924	0	144.5	46.0	7.3	901	0.0
	Telangana	5798	0	117.2	53.2	-2.1	471	0.0
	Karnataka	7626	0	161.1	65.7	3.9	670	0.0
	Kerala	3605	0	68.6	51.5	1.4	246	0.0
	Tamil Nadu	14116	0	311.1	113.0	-1.2	511	0.0
	Pondy	361	0	7.6	8.0	-0.4	19	0.0
ER	Bihar	4125	0	75.5	73.6	0.0	300	0.6
	DVC	2852	0	64.1	-33.4	2.9	390	0.0
	Jharkhand	947	0	21.9	16.9	-1.4	20	0.0
	Odisha	4175	0	81.5	13.4	3.0	590	0.0
	West Bengal	7439	0	143.0	46.4	2.1	500	0.0
	Sikkim	66	0	1.1	1.0	0.1	15	0.0
NER	Arunachal Pradesh	103	1	2.0	3.1	-1.1	8	0.0
	Assam	1557	92	24.5	17.6	1.0	78	1.3
	Manipur	141	4	2.0	2.1	-0.1	27	0.1
	Meghalaya	248	0	4.4	-0.2	-0.1	36	0.0
	Mizoram	70	2	1.1	1.1	0.0	23	0.1
	Nagaland	107	8	1.8	2.1	-0.6	53	0.1
Tripura	304	1	4.4	2.0	0.6	35	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.8	-5.2	-13.7
Day peak (MW)	643.8	-295.7	-635.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.6	-216.8	84.6	-55.3	-4.6	2.4
Actual(MU)	186.1	-223.4	87.2	-45.9	-6.4	-2.4
O/D/U/D(MU)	-8.5	-6.6	2.6	9.4	-1.8	-4.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3244	12561	4480	1160	647	22092
State Sector	11655	18915	10462	5285	110	46427
Total	14899	31476	14942	6445	756	68519

\*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(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 20-Jun-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	0	0.0	5.2	-5.2	
2		SASARAM-FATEHPUR	S/C	0	0	3.8	0.0	3.8	
3		GAYA-BALIA	S/C	0	533	0.0	8.7	-8.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	397	0.0	6.5	-6.5	
6	400 KV	PUSAULI-VARANASI	S/C	0	298	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	121	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	611	0.0	10.0	-10.0	
9		PATNA-BALIA	Q/C	0	548	0.0	9.6	-9.6	
10		BIHARSHARIFF-BALIA	D/C	0	284	0.0	4.7	-4.7	
11		BARH-GORAKHPUR	D/C	0	423	0.0	8.2	-8.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	2.0	0.0	2.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7	
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>6.5</b>	<b>52.9</b>	<b>-46.4</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	210	8.8	0.0	8.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.4	0.0	9.4	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	4.2	0.0	4.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.8	0.0	3.8	
22		IBEUL-RAIGARH	S/C	0	0	3.8	0.0	3.8	
23		STERLITE-RAIGARH	D/C	0	215	0.0	3.6	-3.6	
24		RANCHI-SIPAT	D/C	0	0	7.5	0.0	7.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	97	0.0	0.7	-0.7	
26		BUDHIPADAR-KORBA	D/C	0	0	1.7	0.0	1.7	
						<b>ER-WR</b>	<b>39.3</b>	<b>4.3</b>	<b>35.0</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.2	-14.2	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2036.2	0.0	36.8	-36.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1176.4	0.6	11.5	-10.8	
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>65.9</b>	<b>-65.9</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1083	0.0	4.3	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	862	0.0	4.8	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>10.7</b>	<b>-10.7</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	16.6	-16.6	
						<b>NER-NR</b>	<b>0.0</b>	<b>16.6</b>	<b>-16.6</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	26.5	-26.5	
37		V'CHAL B/B	D/C	500	0	8.5	0.0	8.5	
38		APL -MHG	D/C	0	1512	0.0	25.0	-25.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2878	0.0	53.4	-53.4	
40		PHAGI-GWALIOR	D/C	0	1628	0.0	30.9	-30.9	
41	400 KV	ZERDA-KANKROLI	S/C	401	0	6.7	0.0	6.7	
42		ZERDA -BHINMAL	S/C	424	0	6.2	0.0	6.2	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	306	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	7	55	0.0	0.7	-0.7	
46		BADOD-MORAK	S/C	0	119	0.0	2.0	-2.0	
47		MEHGAON-AURAIYA	S/C	13	20	0.0	0.2	-0.2	
48		MALANPUR-AURAIYA	S/C	0	39	0.0	0.7	-0.7	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>21.5</b>	<b>141.9</b>	<b>-120.5</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	12.0	-12.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2142	0.0	31.1	-31.1	
53		WARDHA-NIZAMABAD	D/C	0	1185	0.0	17.4	-17.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	59	327	0.1	3.8	-3.8	
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	74	0	1.6	0.0	1.6	
						<b>WR-SR</b>	<b>1.7</b>	<b>64.4</b>	<b>-62.7</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						12.9	
59		NEPAL						-5.2	
60		BANGLADESH						-13.7	