



**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: 06<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 05.06.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-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 05 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

6-Jun-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49938	42633	36309	17213	2371	148463
Peak Shortage (MW)	2202	20	29	0	128	2379
Energy Met (MU)	1168	1055	862	400	42	3528
Hydro Gen(MU)	320	29	28	68	19	464
Wind Gen(MU)	46	94	138	-----	-----	277
Solar Gen (MU)*	-2.07	11.84	27.50	1.02	0.02	38
Energy Shortage (MU)	13.9	0.0	0.0	0.0	1.4	15.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52880	47726	37282	20133	2366	152231

**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	0.039	0.00	0.00	9.00	9.00	81.33	9.66

**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	7571	0	171.3	120.9	0.9	156	0.0
	Haryana	6924	573	155.5	121.4	2.6	327	0.6
	Rajasthan	10315	0	216.5	56.5	2.8	441	0.8
	Delhi	6319	0	128.4	109.4	0.6	375	0.1
	UP	17552	1275	386.0	173.7	3.1	687	4.4
	Uttarakhand	1948	0	43.0	18.6	-0.4	115	0.0
	HP	1332	0	27.0	1.3	2.8	262	0.0
	J&K	1822	456	34.0	12.9	-2.0	332	8.0
WR	Chandigarh	356	0	6.9	7.0	-0.1	27	0.0
	Chhattisgarh	3272	0	76.7	20.9	-0.7	228	0.0
	Gujarat	15121	0	330.3	86.1	2.3	406	0.0
	MP	7376	0	163.8	76.4	-0.4	503	0.0
	Maharashtra	20384	0	443.5	123.0	0.7	770	0.0
	Goa	457	0	8.6	9.8	-1.7	64	0.0
	DD	323	0	7.1	6.6	0.5	60	0.0
	DNH	742	0	16.8	17.2	-0.4	13	0.0
	Essar steel	430	0	8.6	8.4	0.2	211	0.0
	SR	Andhra Pradesh	7611	0	153.6	35.6	5.3	1067
Telangana		6886	0	140.2	60.8	-5.0	378	0.0
Karnataka		8427	0	182.3	81.2	4.4	467	0.0
Kerala		3269	0	61.9	49.1	1.6	181	0.0
Tamil Nadu		14776	0	316.5	108.6	2.5	790	0.0
Pondy		368	0	7.7	8.0	-0.2	25	0.0
ER	Bihar	3984	0	72.7	68.3	0.9	300	0.0
	DVC	2882	0	64.6	-44.3	-1.1	250	0.0
	Jharkhand	1164	0	23.1	18.1	1.4	200	0.0
	Odisha	3896	0	80.4	22.4	1.4	310	0.0
	West Bengal	8430	0	157.8	67.4	1.9	360	0.0
	Sikkim	74	0	1.2	1.3	-0.1	20	0.0
NER	Arunachal Pradesh	91	1	1.7	2.0	-0.4	27	0.0
	Assam	1600	38	25.8	19.6	1.5	195	1.2
	Manipur	147	1	1.6	1.8	-0.2	24	0.0
	Meghalaya	230	0	4.0	0.1	0.2	22	0.0
	Mizoram	79	3	1.2	1.1	0.1	27	0.0
	Nagaland	98	2	1.9	1.8	-0.1	18	0.0
	Tripura	206	3	6.2	2.8	0.4	30	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.3	-6.3	-13.2
Day peak (MW)	421.7	-309.8	-646.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	202.9	-189.7	44.8	-54.9	-1.2	2.0
Actual(MU)	205.7	-200.8	45.3	-50.9	-0.9	-1.6
O/D/U/D(MU)	2.8	-11.1	0.5	4.0	0.3	-3.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3289	17148	4470	1310	305	26521
State Sector	11795	14760	10252	4675	110	41592
Total	15084	31908	14722	5985	414	68113

\*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-केन्द्र/प्रिन्सिपल/मुख्य कार्यपालक अधिकारी(पोसोक)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting :
								6-Jun-17
								Import=(+ve) /Export =(-ve) for NET (MU)
SI 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	5.4	-5.4
2		SASARAM-FATEHPUR	S/C	0	37	2.8	0.0	2.8
3		GAYA-BALIA	S/C	0	474	0.0	8.3	-8.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	226	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	477	0.0	5.1	-5.1
9		PATNA-BALIA	Q/C	0	644	0.0	13.2	-13.2
10		BIHARSHARIFF-BALIA	D/C	0	246	0.0	3.7	-3.7
11		BARH-GORAKHPUR	D/C	0	508	0.0	10.4	-10.4
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.1	0.0	0.1
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	0.6	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
<b>ER-NR</b>						<b>3.5</b>	<b>51.9</b>	<b>-48.4</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	466	0.0	3.7	-3.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	90	8.2	0.0	8.2
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	61	0.9	0.0	0.9
21		JHARSUGUDA-RAIGARH	S/C	0	22	1.2	0.0	1.2
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	54	0.0	1.1	-1.1
24	220 KV	RANCHI-SIPAT	D/C	0	0	8.9	0.0	8.9
25		BUDHIPADAR-RAIGARH	S/C	0	113	0.0	1.6	-1.6
26		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7
<b>ER-WR</b>						<b>23.1</b>	<b>6.4</b>	<b>16.8</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.9	-11.9
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	353.2	0.0	12.0	-12.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1528.9	0.0	24.1	-24.1
30	400 KV	TALCHER-1C	D/C	0.0	1128.2	0.1	16.1	-16.0
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>48.0</b>	<b>-48.0</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1109	0.0	6.8	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	891	0.0	6.8	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2
<b>ER-NER</b>						<b>0.0</b>	<b>15.4</b>	<b>-15.4</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	17.0	-17.0
<b>NER-NR</b>						<b>0.0</b>	<b>17.0</b>	<b>-17.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.5	-28.5
37		V'CHAL B/B	D/C	400	50	5.8	0.1	5.7
38		APL -MHG	D/C	0	2520	0.0	56.7	-56.7
39	765 KV	GWALIOR-AGRA	D/C	0	3092	0.0	57.3	-57.3
40		PHAGI-GWALIOR	D/C	0	1336	0.0	22.5	-22.5
41	400 KV	ZERDA-KANKROLI	S/C	499	0	9.1	0.0	9.1
42		ZERDA -BHINMAL	S/C	542	240	8.8	0.0	8.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	133	0	0	0
45	220 KV	BADOD-KOTA	S/C	48	13	0.4	0.1	0.3
46		BADOD-MORAK	S/C	1	82	0.0	1.0	-1.0
47		MEHGAON-AURAIYA	S/C	44	9	0.3	0.0	0.2
48		MALANPUR-AURAIYA	S/C	14	33	0.0	0.4	-0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>24.4</b>	<b>166.9</b>	<b>-142.5</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	600	0.0	9.7	-9.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1566	0.0	22.7	-22.7
53		WARDHA-NIZAMABAD	D/C	0	753	0.0	9.7	-9.7
54	400 KV	KOLHAPUR-KUDGI	D/C	238	233	0.0	0.0	0.0
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	86	0	1.7	0.0	1.7
<b>WR-SR</b>						<b>1.7</b>	<b>42.2</b>	<b>-40.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						9.6
59		NEPAL						-6.3
60		BANGLADESH						-13.2