



**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: 29<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 28.06.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28 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 28<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

29-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	43813	38709	36053	18417	2467	139459
Peak Shortage (MW)	996	29	0	0	137	1162
Energy Met (MU)	1087	896	794	395	48	3220
Hydro Gen(MU)	350	38	28	103	27	545
Wind Gen(MU)	10	62	178	-----	-----	250
Solar Gen (MU)*	3.04	9.77	19.60	0.94	0.02	33
Energy Shortage (MU)	9.4	0.0	0.0	0.0	1.2	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53460	39582	37991	19271	2611	144235

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	0.029	0.00	0.00	0.44	0.44	73.15	26.41

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	10103	0	194.7	118.0	-2.2	213	0.0
	Haryana	8660	0	141.5	104.7	-8.8	311	0.0
	Rajasthan	7385	0	160.1	66.7	3.1	436	0.0
	Delhi	5900	0	113.0	94.1	-1.2	184	0.2
	UP	16868	530	369.4	182.6	0.0	497	0.0
	Uttarakhand	1719	0	37.8	10.4	-0.5	154	0.0
	HP	1208	0	26.1	0.0	2.4	153	0.0
	J&K	2004	501	38.9	14.5	-1.6	102	9.2
Chandigarh	257	0	5.4	6.3	-0.9	0	0.0	
WR	Chhattisgarh	3176	0	71.1	10.3	-0.6	165	0.0
	Gujarat	12252	0	272.5	82.3	1.8	562	0.0
	MP	6470	0	141.4	93.2	-0.9	341	0.0
	Maharashtra	16513	0	370.4	105.7	3.3	814	0.0
	Goa	411	0	8.2	8.4	-0.8	23	0.0
	DD	294	0	6.6	6.5	0.1	36	0.0
	DNH	726	0	16.6	16.9	-0.3	14	0.0
	Essar steel	468	0	9.5	8.7	0.8	164	0.0
SR	Andhra Pradesh	6540	0	142.3	27.6	5.0	706	0.0
	Telangana	5982	0	129.0	58.1	-2.4	619	0.0
	Karnataka	7433	0	155.4	56.8	2.0	533	0.0
	Kerala	3267	0	59.4	44.6	0.9	242	0.0
	Tamil Nadu	13975	0	300.1	117.4	0.3	698	0.0
	Pondy	357	0	7.4	7.8	-0.3	36	0.0
ER	Bihar	3988	0	80.9	80.1	-0.9	200	0.0
	DVC	2940	0	66.3	-25.6	0.5	200	0.0
	Jharkhand	1026	0	22.8	19.8	1.1	210	0.0
	Odisha	3600	0	72.4	16.1	-0.2	200	0.0
	West Bengal	7844	0	151.6	41.5	2.1	400	0.0
	Sikkim	67	0	1.0	1.2	-0.2	5	0.0
NER	Arunachal Pradesh	78	2	2.1	2.9	-0.8	6	0.0
	Assam	1580	107	30.3	22.8	2.5	186	1.0
	Manipur	128	7	2.1	2.3	-0.2	7	0.1
	Meghalaya	265	0	5.3	0.3	-0.4	138	0.0
	Mizoram	63	2	1.5	1.2	0.2	18	0.0
	Nagaland	98	4	2.4	2.3	0.0	26	0.0
Tripura	268	0	4.5	3.0	-0.3	103	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.9	-4.4	-14.5
Day peak (MW)	1406.9	-348.6	-637.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	202.1	-221.5	87.3	-68.7	-0.3	-1.1
Actual(MU)	188.0	-207.3	86.7	-61.4	-1.1	4.8
O/D/U/D(MU)	-14.2	14.1	-0.6	7.3	-0.8	5.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3206	13491	2800	1160	305	20962
State Sector	11475	19979	13842	4995	110	50401
Total	14681	33470	16642	6155	414	71363

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 29-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	359	0.0	8.0	-8.0	
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	466	0.0	7.6	-7.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6	
6	400 KV	PUSAULI-VARANASI	S/C	0	161	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	614	0.0	11.4	-11.4	
9		PATNA-BALIA	Q/C	0	787	0.0	12.3	-12.3	
10		BIHARSHARIFF-BALIA	D/C	0	327	0.0	6.1	-6.1	
11		BARH-GORAKHPUR	D/C	0	491	0.0	8.1	-8.1	
12		BIHARSHARIFF-VARANASI	D/C	0	11	0.0	1.4	-1.4	
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>3.7</b>	<b>59.5</b>	<b>-55.8</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	310	8.9	0.0	8.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.9	0.0	10.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.9	0.0	2.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.2	0.0	3.2	
22		IBEUL-RAIGARH	S/C	0	0	3.2	0.0	3.2	
23		STERLITE-RAIGARH	D/C	0	92	0.0	1.2	-1.2	
24		RANCHI-SIPAT	D/C	0	0	11.5	0.0	11.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	72	0.0	0.2	-0.2	
26		BUDHIPADAR-KORBA	D/C	0	4	1.8	0.0	1.8	
						<b>ER-WR</b>	<b>42.3</b>	<b>1.5</b>	<b>40.9</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.5	-15.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	13.2	-13.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2501.3	0.0	35.4	-35.4	
30	400 KV	TALCHER-I/C	D/C	0.0	1256.4	1.1	16.9	-15.8	
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>64.1</b>	<b>-64.1</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1083	0.0	6.3	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	852	0.0	7.1	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>15.7</b>	<b>-15.7</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	18.5	-18.5	
						<b>NER-NR</b>	<b>0.0</b>	<b>18.5</b>	<b>-18.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	20.0	-20.0	
37		V'CHAL B/B	D/C	500	0	11.5	0.0	11.5	
38		APL -MHG	D/C	0	2517	0.0	35.8	-35.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2554	0.0	46.3	-46.3	
40		PHAGI-GWALIOR	D/C	0	1338	0.0	23.0	-23.0	
41	400 KV	ZERDA-KANKROLI	S/C	232	0	4.0	0.0	4.0	
42		ZERDA -BHINMAL	S/C	217	25	3.3	0.0	3.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	338	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	25	53	0.1	0.5	-0.4	
46		BADOD-MORAK	S/C	0	74	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	51	30	0.0	0.3	-0.3	
48		MALANPUR-AURAIYA	S/C	0	50	0.0	0.8	-0.8	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>18.9</b>	<b>130.7</b>	<b>-111.9</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	15.7	-15.7	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1527	0.0	24.2	-24.2	
53		WARDHA-NIZAMABAD	D/C	0	969	0.0	15.2	-15.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	129	282	0.5	2.2	-1.7	
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	87	0	1.8	0.0	1.8	
						<b>WR-SR</b>	<b>2.3</b>	<b>57.3</b>	<b>-55.0</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>32.0</b>	
59		NEPAL						<b>-4.4</b>	
60		BANGLADESH						<b>-14.5</b>	