



**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: 30<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 29.06.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29 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 29<sup>th</sup> 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

30-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	41840	38522	37007	18880	2535	138784
Peak Shortage (MW)	466	98	0	0	140	704
Energy Met (MU)	927	893	824	400	46	3089
Hydro Gen(MU)	342	32	32	102	25	534
Wind Gen(MU)	6	74	186	-----	-----	266
Solar Gen (MU)*	2.16	8.65	22.00	1.00	0.02	34
Energy Shortage (MU)	7.3	0.0	0.0	0.0	1.2	8.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45559	38759	45085	19396	2673	144136

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	0.041	0.00	0.30	7.92	8.22	73.41	18.37

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	7005	0	141.0	99.5	-6.6	143	0.0
	Haryana	6586	0	119.4	99.0	-3.9	170	0.0
	Rajasthan	7302	0	151.8	70.2	2.5	341	0.0
	Delhi	4724	28	99.2	82.7	-1.7	166	0.0
	UP	16569	250	325.3	158.1	-0.6	318	0.0
	Uttarakhand	1552	0	34.0	10.0	-0.9	157	0.0
	HP	1110	3	21.0	0.4	-3.0	142	0.0
	J&K	1483	371	30.6	12.0	-7.3	0	7.2
Chandigarh	241	0	5.0	5.9	-0.9	0	0.0	
WR	Chhattisgarh	3098	0	73.6	10.6	-0.6	107	0.0
	Gujarat	10640	0	259.4	74.2	-0.4	458	0.0
	MP	6772	0	143.0	92.2	-0.6	476	0.0
	Maharashtra	16736	0	374.6	100.0	8.2	938	0.0
	Goa	412	0	8.6	8.3	0.0	81	0.0
	DD	290	0	6.5	6.3	0.2	48	0.0
	DNH	725	0	16.5	16.5	-0.1	9	0.0
Essar steel	533	0	10.5	9.5	0.9	209	0.0	
SR	Andhra Pradesh	6811	0	145.1	33.0	4.2	887	0.0
	Telangana	6242	0	133.0	62.2	-1.9	603	0.0
	Karnataka	7823	0	167.3	59.5	6.7	540	0.0
	Kerala	3235	0	62.1	48.3	0.8	252	0.0
	Tamil Nadu	14237	0	308.8	126.6	0.8	718	0.0
	Pondy	365	0	7.4	7.8	-0.4	32	0.0
ER	Bihar	4150	0	82.3	81.1	-0.5	150	0.0
	DVC	2951	0	61.7	-20.9	-4.0	190	0.0
	Jharkhand	1105	0	22.3	20.0	0.5	100	0.0
	Odisha	3674	0	77.7	20.4	1.9	300	0.0
	West Bengal	7908	0	154.4	43.9	2.6	400	0.0
	Sikkim	66	0	1.2	1.2	-0.1	4	0.0
NER	Arunachal Pradesh	123	1	2.1	2.8	-0.7	6	0.0
	Assam	1596	104	29.3	22.4	2.8	186	1.0
	Manipur	147	1	2.0	2.0	0.0	7	0.0
	Meghalaya	272	0	4.5	-0.3	0.3	138	0.0
	Mizoram	65	3	1.3	1.0	0.2	18	0.0
	Nagaland	98	4	2.1	2.1	0.0	26	0.0
Tripura	261	1	4.4	2.8	0.0	103	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.0	-4.6	-14.6
Day peak (MW)	1416.6	-376.5	-667.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	172.2	-195.6	82.7	-60.2	-2.0	-2.9
Actual(MU)	144.6	-179.9	87.5	-50.1	-1.4	0.7
O/D/U/D(MU)	-27.6	15.7	4.8	10.2	0.6	3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3626	13791	2800	1160	305	21682
State Sector	11035	20031	14652	4775	110	50603
Total	14661	33822	17452	5935	414	72285

\*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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 30-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	201	0.0	6.9	-6.9	
2		SASARAM-FATEHPUR	S/C	0	0	3.9	0.0	3.9	
3		GAYA-BALIA	S/C	0	336	0.0	7.7	-7.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	74	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	586	0.0	9.3	-9.3	
9		PATNA-BALIA	Q/C	0	665	0.0	12.4	-12.4	
10		BIHARSHARIFF-BALIA	D/C	0	229	0.0	5.2	-5.2	
11		BARH-GORAKHPUR	D/C	0	466	0.0	8.4	-8.4	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	0.8	-0.8	
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	0.5	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	
						<b>ER-NR</b>	<b>4.4</b>	<b>55.4</b>	<b>-51.1</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.6	0.0	10.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.1	0.0	10.1	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.7	0.0	2.7	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.7	0.0	2.7	
22		IBEUL-RAIGARH	S/C	0	0	2.7	0.0	2.7	
23		STERLITE-RAIGARH	D/C	0	92	1.4	0.0	1.4	
24		RANCHI-SIPAT	D/C	0	0	9.2	0.0	9.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	57	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3	
						<b>ER-WR</b>	<b>42.7</b>	<b>0.3</b>	<b>42.4</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.4	-15.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	16.2	-16.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2412.6	0.0	34.5	-34.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1197.6	1.0	14.4	-13.4	
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>66.1</b>	<b>-66.1</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1049	0.0	5.3	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	829	0.0	5.8	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>13.1</b>	<b>-13.1</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	16.5	-16.5	
						<b>NER-NR</b>	<b>0.0</b>	<b>16.5</b>	<b>-16.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	17.8	-17.8	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	2014	0.0	23.3	-23.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2438	0.0	36.5	-36.5	
40		PHAGI-GWALIOR	D/C	0	1292	0.0	19.9	-19.9	
41	400 KV	ZERDA-KANKROLI	S/C	234	24	3.3	0.0	3.3	
42		ZERDA -BHINMAL	S/C	235	120	2.3	0.0	2.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	418	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	34	72	0.2	0.6	-0.3	
46		BADOD-MORAK	S/C	13	76	0.1	0.7	-0.7	
47		MEHGAON-AURAIYA	S/C	16	20	0.1	0.2	-0.2	
48		MALANPUR-AURAIYA	S/C	0	41	0.0	0.6	-0.6	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>18.1</b>	<b>102.2</b>	<b>-84.1</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.5	-16.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1610	0.0	26.2	-26.2	
53		WARDHA-NIZAMABAD	D/C	0	949	0.0	15.3	-15.3	
54	400 KV	KOLHAPUR-KUDGI	D/C	300	147	1.8	0.5	1.4	
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	89	0	1.8	0.0	1.8	
						<b>WR-SR</b>	<b>3.7</b>	<b>58.4</b>	<b>-54.7</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>28.7</b>	
59		NEPAL						<b>-4.6</b>	
60		BANGLADESH						<b>-14.6</b>	