



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: 01st July 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 30.06.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 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 30th 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

1-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	42273	38011	36553	19327	2408	138572
Peak Shortage (MW)	554	97	0	8	207	866
Energy Met (MU)	967	874	847	392	46	3125
Hydro Gen(MU)	326	31	31	96	25	510
Wind Gen(MU)	4	115	184	-----	-----	303
Solar Gen (MU)*	2.22	8.32	24.00	1.03	0.02	36
Energy Shortage (MU)	0.9	0.0	0.0	0.0	1.7	2.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47721	41018	38411	19563	2537	147903

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	0.030	0.00	0.03	5.49	5.52	81.09	13.39

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	6849	0	151.7	109.5	0.9	303	0.0
	Haryana	6088	0	125.3	106.6	-2.1	138	0.0
	Rajasthan	7241	0	157.6	77.6	2.0	440	0.0
	Delhi	4638	0	98.2	81.2	1.1	193	0.0
	UP	16743	250	336.5	153.6	1.1	603	0.0
	Uttarakhand	1622	0	33.8	12.5	0.3	115	0.0
	HP	1197	5	24.0	-2.7	2.6	164	0.0
	J&K	1929	482	34.8	11.5	-2.7	276	0.8
Chandigarh	252	0	5.1	5.7	-0.6	1	0.0	
WR	Chhattisgarh	3228	0	71.9	8.4	-1.1	103	0.0
	Gujarat	10818	0	243.6	52.3	-3.7	476	0.0
	MP	6640	0	140.2	81.1	0.6	382	0.0
	Maharashtra	16507	0	375.2	105.6	3.5	637	0.0
	Goa	416	0	9.2	8.1	0.6	47	0.0
	DD	287	0	6.4	6.3	0.0	35	0.0
	DNH	701	0	15.8	16.3	-0.4	8	0.0
	Essar steel	581	0	11.5	10.3	1.1	230	0.0
SR	Andhra Pradesh	6671	0	150.4	34.0	5.4	650	0.0
	Telangana	6678	0	139.2	71.2	-2.0	644	0.0
	Karnataka	7850	0	170.7	62.7	4.8	468	0.0
	Kerala	3255	0	62.8	49.2	1.4	310	0.0
	Tamil Nadu	14157	0	316.8	130.9	0.4	730	0.0
	Pondy	364	0	7.5	7.9	-0.4	28	0.0
ER	Bihar	4029	0	81.7	81.0	-1.1	225	0.0
	DVC	2852	0	59.4	-25.8	-0.2	250	0.0
	Jharkhand	1113	0	23.0	20.3	0.9	85	0.0
	Odisha	4044	0	75.0	20.2	0.8	220	0.0
	West Bengal	8039	0	151.8	49.9	0.1	225	0.0
	Sikkim	65	0	1.1	1.2	0.0	12	0.0
NER	Arunachal Pradesh	116	1	2.3	2.8	-0.4	6	0.0
	Assam	1513	172	28.9	22.7	2.3	186	1.6
	Manipur	125	1	2.1	2.0	0.1	7	0.0
	Meghalaya	248	0	4.8	-0.1	0.0	138	0.0
	Mizoram	68	1	1.2	1.0	0.1	18	0.0
	Nagaland	104	1	2.0	2.1	-0.2	26	0.0
	Tripura	263	4	4.2	2.7	-0.2	103	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.6	-5.8	-14.7
Day peak (MW)	1235.0	-220.1	-646.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.0	-212.6	88.3	-60.6	-2.0	1.1
Actual(MU)	182.5	-209.2	88.8	-57.3	-1.6	3.3
O/D/U/D(MU)	-5.5	3.4	0.5	3.4	0.4	2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4356	15091	2800	1160	305	23712
State Sector	11695	20169	13782	4775	110	50531
Total	16051	35260	16582	5935	414	74243

*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 : 1-Jul-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)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	208	0.0	3.9	-3.9	
2		SASARAM-FATEHPUR	S/C	0	0	3.6	0.0	3.6	
3		GAYA-BALIA	S/C	0	334	0.0	4.1	-4.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	47	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	427	0.0	6.7	-6.7	
9		PATNA-BALIA	Q/C	0	671	0.0	11.4	-11.4	
10		BIHARSHARIFF-BALIA	D/C	0	154	0.0	2.7	-2.7	
11		BARH-GORAKHPUR	D/C	0	471	0.0	8.9	-8.9	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.9	0.0	0.9	
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	
						ER-NR	5.0	42.4	-37.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.2	0.0	7.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	99	6.7	0.0	6.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	2.0	-2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.3	0.0	2.3	
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2	
23		STERLITE-RAIGARH	D/C	0	92	1.1	0.0	1.1	
24		RANCHI-SIPAT	D/C	0	0	10.0	0.0	10.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.1	-0.1	
26		BUDHIPADAR-KORBA	D/C	0	1	3.6	0.0	3.6	
						ER-WR	33.1	2.1	31.1
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.8	-17.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	14.8	-14.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2033.5	0.0	39.2	-39.2	
30	400 KV	TALCHER-I/C	D/C	0.0	1073.0	0.0	14.1	-14.1	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	71.7	-71.7
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	991	0.0	5.3	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	790	0.0	5.6	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2	
						ER-NER	0.0	12.7	-12.7
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	703	0.0	16.0	-16.0	
						NER-NR	0.0	16.0	-16.0
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.5	-34.5	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	2015	0.0	42.3	-42.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2346	0.0	38.3	-38.3	
40		PHAGI-GWALIOR	D/C	0	1228	0.0	21.7	-21.7	
41	400 KV	ZERDA-KANKROLI	S/C	275	33	3.4	0.0	3.4	
42		ZERDA -BHINMAL	S/C	253	96	2.5	0.0	2.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	321	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	44	73	0.1	0.9	-0.8	
46		BADOD-MORAK	S/C	11	115	0.0	1.5	-1.4	
47		MEHGAON-AURAIYA	S/C	39	7	0.2	0.0	0.2	
48		MALANPUR-AURAIYA	S/C	15	32	0.0	0.3	-0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	18.5	142.1	-123.6
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	600	0.0	6.1	-6.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1866	0.0	28.8	-28.8	
53		WARDHA-NIZAMABAD	D/C	0	957	0.0	19.8	-19.8	
54	400 KV	KOLHAPUR-KUDGI	D/C	305	105	2.3	0.2	2.1	
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	98	0	1.8	0.0	1.8	
						WR-SR	4.1	54.8	-50.7
TRANSNATIONAL EXCHANGE									
58		BHUTAN						28.6	
59		NEPAL						-5.8	
60		BANGLADESH						-14.7	