



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: 14th July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोलफ 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 13.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-जुलाई- 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 13 July 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

14-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50820	39844	36212	18502	2431	147809
Peak Shortage (MW)	930	66	28	0	121	1145
Energy Met (MU)	1144	932	833	377	45	3331
Hydro Gen(MU)	337	25	26	100	27	515
Wind Gen(MU)	12	136	168	-----	-----	316
Solar Gen (MU)*	3.52	6.08	20.20	0.73	0.02	31
Energy Shortage (MU)	13.0	0.0	0.0	0.0	0.9	13.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53827	41784	37279	19095	2474	152254

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	0.00	4.51	4.51	78.55	16.93

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	9984	0	208.0	122.5	-0.9	176	0.0
	Haryana	8816	0	184.7	128.8	-1.1	179	0.0
	Rajasthan	9177	0	193.6	80.7	4.1	497	2.7
	Delhi	5420	30	109.2	84.2	0.1	193	0.2
	UP	16664	895	335.4	151.6	3.2	971	0.0
	Uttarakhand	1864	0	38.1	13.6	3.3	487	0.0
	HP	1283	0	26.3	-1.6	2.9	262	0.0
	J&K	2107	372	42.8	13.6	4.1	508	10.1
WR	Chandigarh	284	0	5.6	6.5	-0.9	0	0.0
	Chhattisgarh	3558	0	86.0	14.6	3.7	170	0.0
	Gujarat	12273	0	263.7	46.9	-0.4	457	0.0
	MP	6477	0	134.9	66.8	-2.8	322	0.0
	Maharashtra	18588	0	405.1	122.3	0.2	403	0.0
	Goa	412	0	8.4	8.2	-0.4	47	0.0
	DD	306	0	6.8	6.3	0.5	55	0.0
	DNH	718	0	16.3	16.4	-0.2	20	0.0
SR	Essar steel	608	0	11.0	10.5	0.5	278	0.0
	Andhra Pradesh	6226	0	145	31	3	326	0.0
	Telangana	7179	0	148	81	-4	313	0.0
	Karnataka	8117	0	177	82	1	394	0.0
	Kerala	3110	0	63	49	2	185	0.0
	Tamil Nadu	13531	0	293	119	0	321	0.0
ER	Pondy	345	0	7	8	-1	20	0.0
	Bihar	3978	0	72.7	70.7	0.3	200	0.0
	DVC	2936	0	62.5	-29.9	-0.9	300	0.0
	Jharkhand	1105	0	21.7	18.8	0.8	150	0.0
	Odisha	3784	0	76.6	21.2	2.5	250	0.0
	West Bengal	7685	0	142.5	37.7	2.5	340	0.0
NER	Sikkim	68	0	1.2	1.3	-0.1	11	0.0
	Arunachal Pradesh	105	3	1.9	2.9	-1.0	0	0.0
	Assam	1526	100	30.6	23.0	3.1	204	0.8
	Manipur	138	6	1.9	2.0	-0.2	5	0.0
	Meghalaya	270	0	4.2	-0.3	-0.5	15	0.0
	Mizoram	66	5	1.3	1.1	0.1	17	0.0
	Nagaland	115	2	2.0	2.0	-0.1	23	0.0
	Tripura	221	5	3.9	2.7	0.5	90	-0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.3	-6.1	-15.0
Day peak (MW)	1444.8	-329.7	-658.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	219.6	-213.5	98.5	-94.7	-2.5	7.5
Actual(MU)	210.4	-220.1	93.7	-84.9	-1.7	-2.6
O/D/U/D(MU)	-9.2	-6.7	-4.8	9.8	0.8	-10.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3384	15452	3560	950	305	23651
State Sector	12760	19945	15412	5025	110	53252
Total	16144	35397	18972	5975	414	76903

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	14-Jul-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	314	0.0	6.8	-6.8	
2		SASARAM-FATEHPUR	S/C	0	25	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	399	0.0	5.3	-5.3	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	HVDC	PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6		PUSAULI-VARANASI	S/C	0	172	0.0	0.0	0.0	
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	67	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	616	0.0	11.2	-11.2	
9		PATNA-BALIA	Q/C	0	794	0.0	11.4	-11.4	
10		BIHARSHARIFF-BALIA	D/C	0	323	0.0	5.2	-5.2	
11		BARH-GORAKHPUR	D/C	0	503	0.0	9.2	-9.2	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	1.0	-1.0	
13		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	0.4	0.0	0.4	
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						1.4	55.0	-53.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.3	0.0	7.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	182	2.8	0.0	2.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	29	1.2	0.0	1.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	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	60	0.4	0.0	0.4	
24	220 KV	RANCHI-SIPAT	D/C	0	0	4.3	0.0	4.3	
25		BUDHIPADAR-RAIGARH	S/C	0	109	0.0	1.7	-1.7	
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4	
ER-WR						21.8	1.7	20.1	
Import/Export of ER (With SR)									
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	339.6	0.0	16.0	-16.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2498.6	0.0	48.0	-48.0	
30	400 KV	TALCHER-1C	D/C	0.0	1282.7	1.0	16.7	-15.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	79.6	-79.6	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1183	0.0	6.5	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	942	0.0	7.7	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2	
ER-NER						0.0	16.5	-16.5	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1003	0.0	19.3	-19.3	
NER-NR						0.0	19.3	-19.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.4	-27.4	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	2218	0.0	52.1	-52.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2748	0.0	47.3	-47.3	
40		PHAGI-GWALIOR	D/C	0	1270	0.0	23.2	-23.2	
41	400 KV	ZERDA-KANKROLI	S/C	226	56	1.7	0.0	1.7	
42		ZERDA -BHINMAL	S/C	184	157	0.3	0.0	0.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	309	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	7	56	0.0	0.6	-0.6	
46		BADOD-MORAK	S/C	0	85	0.0	1.4	-1.4	
47		MEHGAON-AURAIYA	S/C	49	8	0.4	0.1	0.3	
48	132KV	MALANPUR-AURAIYA	S/C	22	31	0.1	0.2	-0.2	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.7	154.7	-140.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.2	-20.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1732	0.0	24.6	-24.6	
53		WARDHA-NIZAMABAD	D/C	0	784	0.0	14.2	-14.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	179	272	0.6	1.9	-1.3	
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	73	0	1.5	0.0	1.5	
WR-SR						2.1	60.8	-58.7	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						31.3	
59		NEPAL						-6.1	
60		BANGLADESH						-15.0	