



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: 16th 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 15.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-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 15 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

17-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51333	36309	32598	19413	2385	142038
Peak Shortage (MW)	1141	66	0	0	130	1337
Energy Met (MU)	1186	848	770	394	44	3242
Hydro Gen(MU)	333	26	24	97	26	506
Wind Gen(MU)	4	98	174	-----	-----	276
Solar Gen (MU)*	2.74	9.15	21.50	1.35	0.00	35
Energy Shortage (MU)	10.3	0.0	0.0	0.0	1.2	11.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54736	36591	33387	19823	2485	145049

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	0.027	0.00	0.16	3.25	3.41	80.95	15.64

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	10437	0	241.3	139.5	0.5	186	0.0
	Haryana	9158	0	188.2	131.5	0.7	1496	0.0
	Rajasthan	8355	245	180.7	85.4	2.3	345	1.1
	Delhi	5622	0	101.0	84.2	0.3	237	0.2
	UP	17394	1160	370.3	164.9	2.7	320	0.3
	Uttarakhand	1725	0	36.7	11.3	0.3	198	0.0
	HP	1225	0	25.6	-2.5	2.7	216	0.0
	J&K	1920	480	36.4	11.7	-1.3	220	8.7
WR	Chandigarh	282	0	5.3	5.8	-0.5	14	0.0
	Chhattisgarh	3260	0	77.3	19.2	-1.9	-4	0.0
	Gujarat	9619	0	215.4	50.0	2.3	403	0.0
	MP	6849	0	147.7	87.2	-1.3	426	0.0
	Maharashtra	16872	0	367.3	95.4	2.2	585	0.0
	Goa	350	0	8.0	7.3	0.2	19	0.0
	DD	273	0	6.3	6.0	0.2	29	0.0
	DNH	687	0	15.6	16.2	-0.5	149	0.0
	Essar steel	549	0	10.6	10.2	0.4	175	0.0
	SR	Andhra Pradesh	6239	0	133	23	-1	950
Telangana		6871	0	139	72	-3	309	0.0
Karnataka		6952	0	155	59	5	620	0.0
Kerala		3019	0	58	45	2	212	0.0
Tamil Nadu		12386	0	278	103	-1	656	0.0
Pondy		311	0	7	8	-1	22	0.0
ER	Bihar	4255	0	81.6	78.4	0.7	225	0.0
	DVC	2956	0	66.7	-30.7	-0.4	220	0.0
	Jharkhand	1123	0	23.9	17.4	0.8	85	0.0
	Odisha	4176	0	80.4	32.1	0.7	225	0.0
	West Bengal	7772	0	140.5	48.4	0.7	250	0.0
	Sikkim	56	0	0.8	1.3	-0.5	5	0.0
NER	Arunachal Pradesh	103	1	2.2	2.5	-0.4	0	0.0
	Assam	1523	101	29.4	22.7	2.3	204	1.0
	Manipur	122	1	1.7	1.9	-0.2	5	0.0
	Meghalaya	229	0	3.8	-1.5	-0.3	15	0.0
	Mizoram	68	0	1.2	0.9	0.3	17	0.0
	Nagaland	106	1	1.9	1.8	0.0	23	0.0
	Tripura	258	4	4.2	2.7	0.7	90	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.4	-6.1	-15.6
Day peak (MW)	1418.4	-220.4	-669.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	239.7	-239.4	75.0	-74.9	-1.6	-1.1
Actual(MU)	241.4	-247.8	67.2	-66.0	-0.3	-5.5
O/D/U/D(MU)	1.7	-8.4	-7.8	8.8	1.3	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3312	15022	4060	950	368	23712
State Sector	9560	22360	15172	4565	110	51767
Total	12872	37382	19232	5515	478	75479

*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 :	17-Jul-17
SI 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	284	0.0	10.8	-10.8	
2		SASARAM-FATEHPUR	S/C	0	14	1.6	0.0	1.6	
3	HVDC	GAYA-BALIA	S/C	0	415	0.0	7.4	-7.4	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6		PUSAULI-VARANASI	S/C	0	168	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	627	0.0	11.6	-11.6	
9		PATNA-BALIA	Q/C	0	716	0.0	14.5	-14.5	
10		BIHARSHARIFF-BALIA	D/C	0	305	0.0	6.2	-6.2	
11		BARH-GORAKHPUR	D/C	0	467	0.0	11.6	-11.6	
12	220 KV	BIHARSHARIFF-VARANASI	D/C	0	1	0.0	0.9	-0.9	
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	0.6	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	
ER-NR						2.2	67.9	-65.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.0	0.0	9.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	41	8.3	0.0	8.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.4	0.0	2.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9	
23		STERLITE-RAIGARH	D/C	0	0	6.2	0.0	6.2	
24	220 KV	RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8	
25		BUDHIPADAR-RAIGARH	S/C	0	101	0.0	0.8	-0.8	
26		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9	
ER-WR						39.4	0.8	38.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.8	-14.8	
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	1523.4	0.0	21.0	-21.0	
30	400 KV	TALCHER-1C	D/C	0.0	1043.3	0.0	17.4	-17.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	51.8	-51.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	923	0.0	6.5	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	737	0.0	7.2	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2	
ER-NER						0.0	15.8	-15.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1003	0.0	18.1	-18.1	
NER-NR						0.0	18.1	-18.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	30.4	-30.4	
37		V'CHAL B/B	D/C	500	100	6.1	0.5	5.6	
38		APL -MHG	D/C	0	2519	0.0	50.1	-50.1	
39	765 KV	GWALIOR-AGRA	D/C	0	3138	0.0	56.1	-56.1	
40		PHAGI-GWALIOR	D/C	0	1618	0.0	29.7	-29.7	
41	400 KV	ZERDA-KANKROLI	S/C	121	92	0.4	0.0	0.4	
42		ZERDA -BHINMAL	S/C	125	151	0.1	0.0	0.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	300	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	32	43	0.1	0.4	-0.3	
46		BADOD-MORAK	S/C	0	70	0.0	1.1	-1.1	
47		MEHGAON-AURAIYA	S/C	36	10	0.3	0.0	0.2	
48	132KV	MALANPUR-AURAIYA	S/C	5	39	0.0	0.3	-0.3	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						7.0	171.0	-164.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	6.8	-6.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1639	0.0	21.4	-21.4	
53		WARDHA-NIZAMABAD	D/C	0	960	0.0	16.5	-16.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	80	290	0.4	1.7	-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						1.9	46.3	-44.4	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.4	
59		NEPAL						-6.1	
60		BANGLADESH						-15.6	