



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: 13th 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 12.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12 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

13-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48620	41328	36435	17811	2436	146631
Peak Shortage (MW)	928	63	0	0	148	1139
Energy Met (MU)	1112	955	844	372	44	3327
Hydro Gen(MU)	341	26	43	104	27	541
Wind Gen(MU)	39	146	130	-----	-----	315
Solar Gen (MU)*	0.42	9.03	20.00	0.78	0.01	30
Energy Shortage (MU)	9.7	0.0	0.0	0.0	1.2	10.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	55161	41488	38936	18742	2580	152843

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	0.033	0.00	0.00	4.77	4.77	78.94	16.30

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	8990	0	201.2	116.6	-2.0	125	0.0
	Haryana	8408	0	178.5	125.7	-1.1	183	0.0
	Rajasthan	9616	0	210.0	77.9	2.3	274	0.6
	Delhi	5220	30	107.1	83.7	-0.5	169	0.0
	UP	16084	0	309.5	147.6	0.9	631	0.0
	Uttarakhand	1636	0	34.5	9.5	1.2	326	0.0
	HP	1265	0	26.3	-2.2	3.1	226	0.0
	J&K	1988	497	38.7	12.5	1.4	246	9.2
WR	Chandigarh	277	0	6.0	6.3	-0.3	9	0.0
	Chhattisgarh	3444	0	77.6	11.7	-1.7	219	0.0
	Gujarat	11552	0	259.3	36.9	3.7	587	0.0
	MP	6788	0	149.1	68.4	0.8	653	0.0
	Maharashtra	19437	0	426.6	126.1	3.3	335	0.0
	Goa	411	0	8.4	8.3	-0.4	62	0.0
	DD	313	0	6.8	6.2	0.6	62	0.0
	DNH	716	0	16.4	16.3	0.1	17	0.0
	Essar steel	508	0	10.7	10.3	0.4	165	0.0
	SR	Andhra Pradesh	6286	0	147	41	6	572
Telangana		7292	0	152	82	-3	309	0.0
Karnataka		8344	0	179	79	3	516	0.0
Kerala		3455	0	64	49	2	191	0.0
Tamil Nadu		13467	0	295	132	3	712	0.0
Pondy		328	0	7	7	0	23	0.0
ER	Bihar	3968	0	67.7	63.9	2.0	396	0.0
	DVC	2856	0	64.8	-28.4	-0.3	200	0.0
	Jharkhand	1042	0	21.3	15.8	-0.4	120	0.0
	Odisha	3801	0	77.7	25.8	0.7	140	0.0
	West Bengal	7523	0	139.8	35.7	1.8	180	0.0
	Sikkim	65	0	0.9	1.1	-0.2	13	0.0
NER	Arunachal Pradesh	109	3	1.9	2.9	-0.9	25	0.0
	Assam	1530	102	28.4	20.6	4.0	144	1.0
	Manipur	133	6	2.1	2.0	0.1	36	0.0
	Meghalaya	252	0	4.0	-0.3	-0.3	48	0.0
	Mizoram	68	4	1.3	1.1	0.1	25	0.0
	Nagaland	117	5	1.9	2.1	-0.2	20	0.0
	Tripura	254	2	4.1	2.7	0.4	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.1	-4.2	-15.0
Day peak (MW)	1471.7	-240.2	-660.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	205.0	-213.5	97.4	-88.9	-3.8	-3.7
Actual(MU)	189.2	-205.4	103.0	-82.0	-1.7	3.1
O/D/U/D(MU)	-15.8	8.1	5.6	6.9	2.1	6.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3549	16252	3770	1450	305	25326
State Sector	12280	19847	15672	4985	110	52894
Total	15829	36099	19442	6435	414	78220

*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(ग्रिडप्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	13-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	237	0.0	6.0	-6.0	
2		SASARAM-FATEHPUR	S/C	0	41	0.4	0.0	0.4	
3	HVDC	GAYA-BALIA	S/C	0	311	0.0	4.1	-4.1	
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	174	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	52	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	696	0.0	11.8	-11.8	
9		PATNA-BALIA	Q/C	0	744	0.0	11.7	-11.7	
10		BIHARSHARIFF-BALIA	D/C	0	290	0.0	4.8	-4.8	
11		BARH-GORAKHPUR	D/C	0	490	0.0	8.0	-8.0	
12	BIHARSHARIFF-VARANASI	D/C	0	4	0.0	1.4	-1.4		
13	132 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		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	220 KV	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						0.9	52.6	-51.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.3	0.0	11.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	331	0.0	0.3	-0.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	17	1.2	0.0	1.2	
21		JHARSUGUDA-RAIGARH	S/C	0	7	1.3	0.0	1.3	
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4	
23		STERLITE-RAIGARH	D/C	0	3	1.6	0.0	1.6	
24	220 KV	RANCHI-SIPAT	D/C	0	10	3.0	0.0	3.0	
25		BUDHIPADAR-RAIGARH	S/C	0	126	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8	
ER-WR						23.5	1.6	21.8	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.8	-16.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	15.3	-15.3	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	46.8	-46.8	
30	400 KV	TALCHER-1C	D/C	0.0	1526.1	1.3	19.1	-17.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	78.9	-78.9	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1381	0.0	7.1	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1089	0.0	8.4	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2	
ER-NER						0.0	17.8	-17.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1144	0.0	22.4	-22.4	
NER-NR						0.0	22.4	-22.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	26.2	-26.2	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38	765 KV	APL -MHG	D/C	0	2218	0.0	48.9	-48.9	
39		GWALIOR-AGRA	D/C	0	2298	0.0	35.5	-35.5	
40	400 KV	PHAGI-GWALIOR	D/C	0	1108	0.0	19.6	-19.6	
41		ZERDA-KANKROLI	S/C	253	30	2.6	0.0	2.6	
42		ZERDA -BHINMAL	S/C	254	59	2.6	0.0	2.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	244	0	1	-1	
45		BADOD-KOTA	S/C	29	42	0.1	0.6	-0.5	
46		BADOD-MORAK	S/C	0	90	0.0	1.7	-1.7	
47	220 KV	MEHGAON-AURAIYA	S/C	62	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	34	17	0.1	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						18.1	133.8	-115.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.3	-21.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1985	0.0	30.7	-30.7	
53		WARDHA-NIZAMABAD	D/C	0	773	0.0	15.3	-15.3	
54	400 KV	KOLHAPUR-KUDGI	D/C	132	322	0.3	2.5	-2.2	
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						1.8	69.8	-68.0	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.1	
59		NEPAL						-4.2	
60		BANGLADESH						-15.0	