



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: 04th 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 03.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03 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 03rd 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

4-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48173	38180	36560	17994	2349	143256
Peak Shortage (MW)	448	106	0	200	135	889
Energy Met (MU)	1061	859	840	379	41	3179
Hydro Gen(MU)	342	19	43	105	24	532
Wind Gen(MU)	31	135	175	-----	-----	341
Solar Gen (MU)*	3.01	7.35	25.00	0.88	0.01	36
Energy Shortage (MU)	9.2	0.0	0.0	0.6	1.2	11.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50440	38930	37925	18594	2498	146660

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	0.049	0.00	0.80	13.02	13.82	74.21	11.97

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	9517	0	211.9	135.6	0.1	193	0.0
	Haryana	7893	0	158.5	136.6	1.6	301	0.0
	Rajasthan	7248	0	152.8	54.1	-0.9	293	0.0
	Delhi	5419	0	104.2	87.6	0.3	214	0.2
	UP	16283	250	326.6	153.1	1.3	326	0.0
	Uttarakhand	1706	0	37.3	12.7	0.4	280	0.0
	HP	1262	0	25.5	-4.4	3.4	272	0.0
	J&K	1922	480	37.8	14.3	-2.5	129	9.0
WR	Chandigarh	309	0	6.1	6.3	-0.2	34	0.0
	Chhattisgarh	3150	0	71.6	7.3	-0.9	106	0.0
	Gujarat	10668	0	234.9	44.9	-1.8	343	0.0
	MP	6328	0	133.7	77.5	1.0	372	0.0
	Maharashtra	17339	0	379.5	106.0	2.6	595	0.0
	Goa	411	0	8.4	8.0	-0.1	53	0.0
	DD	283	0	6.2	6.1	0.1	42	0.0
	DNH	675	0	15.2	15.6	-0.4	21	0.0
	Essar steel	486	0	9.5	9.2	0.3	183	0.0
	SR	Andhra Pradesh	6765	0	151.9	33.3	7.3	687
Telangana		6776	0	143.2	74.4	-1.6	388	0.0
Karnataka		8098	0	173.7	70.1	4.6	760	0.0
Kerala		3192	0	60.3	46.1	1.6	279	0.0
Tamil Nadu		13878	0	303.5	119.2	1.0	680	0.0
Pondy		343	0	7.3	7.8	-0.5	19	0.0
ER	Bihar	3703	0	72.8	71.8	-0.1	365	0.6
	DVC	2852	0	60.6	-33.6	-0.1	321	0.0
	Jharkhand	1012	0	21.1	16.5	-1.5	198	0.0
	Odisha	4091	0	81.2	26.7	1.6	345	0.0
	West Bengal	7631	0	142.2	40.0	2.2	402	0.0
	Sikkim	67	0	1.1	1.4	-0.4	20	0.0
NER	Arunachal Pradesh	109	3	1.9	2.6	-0.7	6	0.0
	Assam	1499	70	26.7	19.9	2.2	116	1.0
	Manipur	127	6	2.0	1.9	0.1	7	0.1
	Meghalaya	247	0	3.6	-0.2	-0.4	35	0.0
	Mizoram	71	2	1.3	1.2	0.1	23	0.0
	Nagaland	110	1	2.0	2.1	-0.2	18	0.1
	Tripura	236	2	3.4	3.3	-0.7	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.8	-4.5	-15.3
Day peak (MW)	1520.0	-285.9	-651.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	226.4	-215.3	85.2	-88.5	-2.8	5.0
Actual(MU)	222.2	-219.0	88.0	-87.6	-3.8	-0.2
O/D/U/D(MU)	-4.2	-3.7	2.8	0.9	-1.0	-5.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3936	15261	2510	1450	305	23462
State Sector	9120	22537	14662	4985	110	51414
Total	13056	37798	17172	6435	414	74876

*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 :	4-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	376	0.0	13.7	-13.7	
2		SASARAM-FATEHPUR	S/C	0	250	0.0	3.2	-3.2	
3	HVDC	GAYA-BALIA	S/C	0	435	0.0	8.2	-8.2	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	198	1.8	0.0	1.8	
6		PUSAULI-VARANASI	S/C	0	175	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	44	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	847	0.0	15.4	-15.4	
9		PATNA-BALIA	Q/C	0	988	0.0	15.9	-15.9	
10		BIHARSHARIFF-BALIA	D/C	0	398	0.0	8.2	-8.2	
11		BARH-GORAKHPUR	D/C	0	599	0.0	10.1	-10.1	
12	BIHARSHARIFF-VARANASI	D/C	0	4	0.0	4.3	-4.3		
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						2.3	79.1	-76.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	186	2.2	0.0	2.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	31	4.8	0.0	4.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	27	1.1	0.0	1.1	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9	
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8	
23		STERLITE-RAIGARH	D/C	0	0	4.3	0.0	4.3	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.7	0.0	7.7	
25		BUDHIPADAR-RAIGARH	S/C	0	66	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4	
ER-WR						27.4	0.5	26.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.8	-15.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	15.4	-15.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2310.3	0.0	35.9	-35.9	
30	400 KV	TALCHER-1C	D/C	0.0	857.0	0.0	11.9	-11.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	67.1	-67.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	742	0.0	3.9	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	592	0.0	4.6	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
ER-NER						0.0	10.1	-10.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	15.9	-15.9	
NER-NR						0.0	15.9	-15.9	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.9	-29.9	
37		V'CHAL B/B	D/C	500	100	6.1	1.1	5.0	
38	765 KV	APL -MHG	D/C	0	2510	0.0	28.7	-28.7	
39		GWALIOR-AGRA	D/C	0	2604	0.0	50.8	-50.8	
40	400 KV	PHAGI-GWALIOR	D/C	0	1306	0.0	26.1	-26.1	
41		ZERDA-KANKROLI	S/C	232	24	1.3	0.0	1.3	
42		ZERDA -BHINMAL	S/C	271	69	2.0	0.0	2.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	268	0	2	-2	
45		BADOD-KOTA	S/C	7	73	0.0	1.0	-1.0	
46		BADOD-MORAK	S/C	#VALUE!	98	0.0	1.6	-1.6	
47	132KV	MEHGAON-AURAIYA	S/C	38	28	0.2	0.2	0.0	
48		MALANPUR-AURAIYA	S/C	16	26	0.0	0.5	-0.5	
49	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0		
WR-NR						9.7	141.6	-131.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.8	-21.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1559	0.0	26.9	-26.9	
53		WARDHA-NIZAMABAD	D/C	0	874	0.0	14.4	-14.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	156	155	0.8	0.8	0.0	
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	94	0	1.8	0.0	1.8	
WR-SR						2.6	63.8	-61.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						33.7	
59		NEPAL						-4.5	
60		BANGLADESH						-15.3	