



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: 06th 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 05.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05 जुलाई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 05th July 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

6-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49408	39308	37313	18921	2344	147294
Peak Shortage (MW)	297	459	0	0	152	908
Energy Met (MU)	1099	898	866	379	45	3288
Hydro Gen(MU)	343	27	34	106	27	537
Wind Gen(MU)	46	159	165	-----	-----	370
Solar Gen (MU)*	3.21	10.51	28.60	0.48	0.01	43
Energy Shortage (MU)	8.7	1.7	0.0	0.0	1.1	11.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50893	39956	39258	19333	2472	150736

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	0.034	0.00	0.00	5.24	5.24	74.53	20.23

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	10692	0	219.9	131.9	1.9	375	0.0
	Haryana	8271	0	177.9	133.2	-4.9	378	0.0
	Rajasthan	8681	0	175.0	58.2	2.6	399	0.0
	Delhi	5580	0	120.6	94.3	-0.5	207	0.0
	UP	15815	0	297.9	136.5	-1.8	549	0.0
	Uttarakhand	1683	0	37.7	8.9	0.1	136	0.0
	HP	1292	0	26.7	-1.7	2.6	175	0.0
	J&K	1801	450	36.6	12.1	-1.5	117	8.7
Chandigarh	346	0	6.4	7.0	-0.6	23	0.0	
WR	Chhattisgarh	3017	0	73.0	9.0	1.4	263	1.7
	Gujarat	11184	0	249.6	31.3	-0.1	431	0.0
	MP	6720	0	136.6	67.9	-0.2	606	0.0
	Maharashtra	17819	0	398.6	111.2	4.6	616	0.0
	Goa	441	0	8.6	8.1	-0.1	49	0.0
	DD	297	0	6.7	6.3	0.4	50	0.0
	DNH	703	0	16.0	16.2	-0.2	11	0.0
	Essar steel	470	0	9.3	9.4	-0.2	132	0.0
SR	Andhra Pradesh	7343	0	159.1	41.5	6.3	462	0.0
	Telangana	7178	0	147.6	90.2	-3.6	490	0.0
	Karnataka	8197	0	176.7	72.0	2.5	481	0.0
	Kerala	3395	0	64.5	47.5	1.7	189	0.0
	Tamil Nadu	14462	0	310.5	128.7	-1.4	474	0.0
	Pondy	8197	0	7.1	7.5	-0.4	25	0.0
ER	Bihar	3903	0	66.8	64.7	0.4	150	0.0
	DVC	2799	0	60.8	-36.2	0.1	370	0.0
	Jharkhand	1016	0	20.6	16.5	-1.9	20	0.0
	Odisha	4391	0	83.7	30.3	3.7	#REF!	0.0
	West Bengal	7601	0	146.4	43.9	2.8	190	0.0
	Sikkim	66	0	1.1	1.5	-0.3	0	0.0
NER	Arunachal Pradesh	104	1	1.7	2.9	-1.2	6	0.0
	Assam	1501	132	29.0	21.6	2.8	116	1.0
	Manipur	131	5	1.8	2.1	-0.3	7	0.1
	Meghalaya	209	0	5.5	-0.6	0.3	35	0.0
	Mizoram	66	3	1.2	1.1	0.1	23	0.0
	Nagaland	100	2	1.9	2.2	-0.4	18	0.0
	Tripura	241	2	4.0	3.0	-0.5	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.3	-5.0	-14.5
Day peak (MW)	1421.1	-211.4	-646.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.3	-230.4	104.0	-82.7	-3.6	1.6
Actual(MU)	202.8	-224.1	104.0	-77.0	-4.0	1.7
O/D/U/D(MU)	-11.5	6.3	0.0	5.7	-0.4	0.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3776	15041	2510	950	305	22582
State Sector	9775	22115	14142	4985	110	51127
Total	13551	37156	16652	5935	414	73709

*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(प्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 6-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	257	0.0	8.9	-8.9	
2		SASARAM-FATEHPUR	S/C	0	37	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	316	0.0	6.5	-6.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	196	0.0	4.0	-4.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	184	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	74	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	760	0.0	13.2	-13.2	
9		PATNA-BALIA	Q/C	0	746	0.0	10.5	-10.5	
10		BIHARSHARIFF-BALIA	D/C	0	260	0.0	5.5	-5.5	
11		BARH-GORAKHPUR	D/C	0	473	0.0	7.6	-7.6	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.8	-1.8	
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	1.5	57.9	-56.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.3	0.0	10.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	6.9	0.0	6.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6	
22		IBEUL-RAIGARH	S/C	0	0	2.7	0.0	2.7	
23		STERLITE-RAIGARH	D/C	0	0	5.1	0.0	5.1	
24		RANCHI-SIPAT	D/C	0	0	4.2	0.0	4.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	88	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2	
						ER-WR	37.5	0.5	37.0
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.1	-16.1	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	15.9	-15.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2513.6	0.0	48.6	-48.6	
30	400 KV	TALCHER-I/C	D/C	0.0	1496.0	1.1	19.5	-18.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	80.6	-80.6
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1304	0.0	7.4	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1022	0.0	8.4	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.4	-2	
						ER-NER	0.0	18.3	-18.3
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1178	0.0	24.5	-24.5	
						NER-NR	0.0	24.5	-24.5
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	15.2	-15.2	
37		V'CHAL B/B	D/C	500	0	7.5	0.0	7.5	
38		APL -MHG	D/C	0	1814	0.0	44.8	-44.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2498	0.0	47.5	-47.5	
40		PHAGI-GWALIOR	D/C	0	1528	0.0	26.6	-26.6	
41	400 KV	ZERDA-KANKROLI	S/C	263	0	3.5	0.0	3.5	
42		ZERDA -BHINMAL	S/C	316	0	4.7	0.0	4.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	236	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	0	16	0.0	1.2	-1.2	
46		BADOD-MORAK	S/C	0	60	0.0	2.5	-2.5	
47		MEHGAON-AURAIYA	S/C	36	15	0.2	0.1	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	16.0	139.3	-123.3
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.3	-23.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1560	0.0	24.9	-24.9	
53		WARDHA-NIZAMABAD	D/C	0	950	0.0	16.8	-16.8	
54	400 KV	KOLHAPUR-KUDGI	D/C	186	214	1.0	1.8	-0.8	
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	106	0	2.2	0.0	2.2	
						WR-SR	3.1	66.7	-63.5
TRANSNATIONAL EXCHANGE									
58		BHUTAN						34.3	
59		NEPAL						-5.0	
60		BANGLADESH						-14.5	