



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: 22nd July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ 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 21.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20-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 21st 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

22-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52217	38383	37884	19426	2563	150473
Peak Shortage (MW)	1870	59	0	0	109	2037
Energy Met (MU)	1204	869	867	387	45	3373
Hydro Gen(MU)	373	27	57	96	23	576
Wind Gen(MU)	3	80	188	-----	-----	271
Solar Gen (MU)*	3.50	7.51	24.90	0.53	0.01	36
Energy Shortage (MU)	14.0	0.0	0.0	0.0	0.9	15.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54617	38555	39581	19707	2629	153104

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	0.029	0.00	0.09	4.29	4.39	81.61	14.00

C. Power Supply Position in States

RegionRegion	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	10747	0	238.7	136.4	-0.4	117	0.0
	Haryana	9454	0	195.4	126.4	-0.8	113	0.0
	Rajasthan	8275	0	179.0	76.5	0.6	291	0.0
	Delhi	5696	0	116.4	92.3	-0.7	151	0.1
	UP	17282	100	362.6	164.7	-1.2	321	4.5
	Uttarakhand	1811	0	38.1	13.4	-0.8	130	0.0
	HP	1319	0	27.7	-0.8	2.4	214	0.0
	J&K	1984	496	39.9	15.1	-1.3	163	9.5
Chandigarh	314	0	6.4	7.2	-0.8	4	0.0	
WR	Chhattisgarh	3262	0	78.9	24.3	3.0	227	0.0
	Gujarat	11351	0	247.6	64.0	0.3	509	0.0
	MP	6810	0	144.3	94.9	-0.7	440	0.0
	Maharashtra	16110	0	355.8	86.7	-0.9	448	0.0
	Goa	393	0	8.3	7.9	-0.1	121	0.0
	DD	319	0	7.0	6.1	0.9	75	0.0
	DNH	728	0	16.6	16.1	0.4	44	0.0
	Essar steel	550	0	10.8	10.2	0.6	213	0.0
SR	Andhra Pradesh	7269	0	156	44	5	678	0.0
	Telangana	7690	0	165	85	0	327	0.0
	Karnataka	7552	0	164	45	2	425	0.0
	Kerala	3031	0	60	45	2	253	0.0
	Tamil Nadu	14821	0	315	116	5	672	0.0
	Pondy	357	0	8	8	0	49	0.0
ER	Bihar	4159	0	73.6	70.9	0.0	200	0.0
	DVC	3109	0	66.0	-24.4	-0.1	410	0.0
	Jharkhand	1161	0	22.8	15.6	1.5	150	0.0
	Odisha	4258	0	80.1	27.8	1.9	280	0.0
	West Bengal	7699	0	143.1	48.1	2.6	150	0.0
	Sikkim	111	0	1.3	1.2	0.1	35	0.0
NER	Arunachal Pradesh	108	2	2.0	2.5	-0.6	58	0.0
	Assam	1670	72	29.9	23.7	1.9	193	0.6
	Manipur	135	6	1.9	2.1	-0.2	4	0.1
	Meghalaya	253	0	4.6	-0.4	-0.3	41	0.0
	Mizoram	74	1	1.3	1.1	0.1	15	0.0
	Nagaland	115	0	1.8	1.9	-0.2	48	0.0
	Tripura	231	6	3.9	2.7	-0.1	136	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.6	-5.1	-15.0
Day peak (MW)	1506.1	-279.7	-660.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	215.2	-227.1	83.4	-73.6	1.3	-0.8
Actual(MU)	203.5	-222.3	91.7	-66.3	1.0	7.6
O/D/U/D(MU)	-11.8	4.8	8.3	7.3	-0.3	8.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3312	15426	4260	950	355	24303
State Sector	7520	21050	14652	4585	110	47917
Total	10832	36476	18912	5535	464	72220

*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 22-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	225	0.0	6.5	-6.5	
2		SASARAM-FATEHPUR	S/C	0	37	1.6	0.0	1.6	
3		GAYA-BALIA	S/C	0	366	0.0	5.6	-5.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1	
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	78	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	618	0.0	10.4	-10.4	
9		PATNA-BALIA	Q/C	0	703	0.0	12.9	-12.9	
10		BIHARSHARIFF-BALIA	D/C	0	331	0.0	6.3	-6.3	
11		BARH-GORAKHPUR	D/C	0	470	0.0	8.9	-8.9	
12		BIHARSHARIFF-VARANASI	D/C	0	5	0.0	0.9	-0.9	
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	2.0	57.7	-55.7
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	16.6	0.0	16.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	33	8.3	0.0	8.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.6	0.0	3.6	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.5	0.0	3.5	
22		IBEUL-RAIGARH	S/C	0	0	3.6	0.0	3.6	
23		STERLITE-RAIGARH	D/C	0	0	2.0	0.0	2.0	
24		RANCHI-SIPAT	D/C	0	0	6.6	0.0	6.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	53	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7	
						ER-WR	47.9	0.4	47.5
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.7	-15.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	15.5	-15.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2306.3	0.0	41.9	-41.9	
30	400 KV	TALCHER-I/C	D/C	0.0	1197.7	0.1	17.8	-17.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	73.1	-73.1
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1116	0.0	6.8	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	890	0.0	7.5	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2	
						ER-NER	0.0	16.4	-16.4
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.8	-16.8	
						NER-NR	0.0	16.8	-16.8
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0	
37		V'CHAL B/B	D/C	400	0	6.7	0.0	6.7	
38		APL -MHG	D/C	0	2519	0.0	47.9	-47.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2464	0.0	46.9	-46.9	
40		PHAGI-GWALIOR	D/C	0	1252	0.0	22.8	-22.8	
41	400 KV	ZERDA-KANKROLI	S/C	120	85	0.8	0.0	0.8	
42		ZERDA -BHINMAL	S/C	116	145	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	254	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	64	23	0.4	0.1	0.3	
46		BADOD-MORAK	S/C	20	50	0.0	0.5	-0.5	
47		MEHGAON-AURAIYA	S/C	50	4	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	15	25	0.1	0.2	-0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	8.9	120.5	-111.6
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	9.0	-9.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1795	0.0	24.5	-24.5	
53		WARDHA-NIZAMABAD	D/C	0	2010	0.0	30.6	-30.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	150	212	0.7	1.6	-0.9	
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	2.2	65.8	-63.6
TRANSNATIONAL EXCHANGE									
58		BHUTAN						34.6	
59		NEPAL						-5.1	
60		BANGLADESH						-15.0	