



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: 31st 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 30.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30th 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

31-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45674	38057	35839	18606	2460	140635
Peak Shortage (MW)	1703	111	0	200	117	2131
Energy Met (MU)	1135	892	888	380	47	3342
Hydro Gen(MU)	350	20	53	103	23	549
Wind Gen(MU)	21	83	110	-----	-----	214
Solar Gen (MU)*	1.85	7.38	26.70	0.43	0.02	36
Energy Shortage (MU)	10.2	0.1	0.0	0.6	0.8	11.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52093	38799	43391	19025	2587	146970

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	0.041	0.00	1.24	6.77	8.01	76.39	15.60

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	9789	0	223.5	125.3	0.0	183	0.0
	Haryana	8998	0	188.8	114.4	4.9	396	0.0
	Rajasthan	7396	0	158.2	62.4	1.2	510	0.0
	Delhi	5281	0	102.5	78.6	-0.5	196	0.0
	UP	16856	180	356.8	168.8	0.3	316	0.0
	Uttarakhand	1747	0	38.5	12.0	-0.7	181	0.0
	HP	1182	0	23.5	-6.4	4.5	537	1.0
	J&K	1837	459	38.8	13.2	-0.4	183	9.2
Chandigarh	237	0	4.8	5.9	-1.1	0	0.0	
WR	Chhattisgarh	3647	0	88.9	29.5	0.1	195	0.1
	Gujarat	9993	0	224.4	51.3	-0.6	389	0.0
	MP	7009	0	148.8	92.1	-1.8	427	0.0
	Maharashtra	17473	0	388.1	109.9	3.6	374	0.0
	Goa	384	0	8.4	7.6	0.5	81	0.0
	DD	286	0	6.5	6.1	0.5	37	0.0
	DNH	716	0	16.5	16.6	-0.1	14	0.0
Essar steel	541	0	10.7	9.0	1.7	229	0.0	
SR	Andhra Pradesh	7273	0	167	49	10.1	494	0.0
	Telangana	8809	0	188	115	-2.1	278	0.0
	Karnataka	7990	0	179	66	0.8	433	0.0
	Kerala	3194	0	61	44	1.4	314	0.0
	Tamil Nadu	12711	0	288	125	5.4	462	0.0
	Pondy	316	0	6	6	-0.6	37	0.0
ER	Bihar	4120	200	72.8	68.2	1.3	250	0.6
	DVC	2784	0	60.0	-21.0	1.5	300	0.0
	Jharkhand	1093	0	20.2	14.8	-0.6	190	0.0
	Odisha	3930	0	79.1	22.4	0.6	200	0.0
	West Bengal	7606	0	146.5	51.3	2.9	370	0.0
	Sikkim	86	0	0.9	-0.2	1.1	65	0.0
NER	Arunachal Pradesh	115	8	2.2	2.3	-0.1	10	0.1
	Assam	1580	51	30.6	23.8	1.8	187	0.6
	Manipur	137	6	2.0	2.1	0.0	33	0.1
	Meghalaya	264	0	4.6	-0.2	-0.3	66	0.0
	Mizoram	63	1	1.2	1.1	-0.1	11	0.0
	Nagaland	112	2	2.2	1.9	0.0	15	0.0
	Tripura	237	1	3.8	2.9	0.0	69	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.8	-5.1	-15.0
Day peak (MW)	1486.9	-320.3	-649.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.7	-210.7	99.9	-65.8	3.3	-1.6
Actual(MU)	178.9	-227.4	103.5	-59.0	3.6	-0.4
O/D/U/D(MU)	7.2	-16.7	3.6	6.8	0.3	1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5376	16206	3260	1325	418	26586
State Sector	7930	21177	11612	6005	110	46834
Total	13306	37383	14872	7330	528	73420

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 31-Jul-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
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	187	0.0	5.2	-5.2	
2		SASARAM-FATEHPUR	S/C	0	0	3.9	0.0	3.9	
3		GAYA-BALIA	S/C	0	385	0.0	7.1	-7.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	196	0.0	4.7	-4.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	184	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	488	0.0	8.4	-8.4	
9		PATNA-BALIA	Q/C	0	706	0.0	13.8	-13.8	
10		BIHARSHARIFF-BALIA	D/C	0	353	0.0	6.7	-6.7	
11		BARH-GORAKHPUR	D/C	0	226	0.0	4.3	-4.3	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	231	0.0	4.0	-4.0	
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	4.8	54.2	-49.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.8	0.0	9.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.8	0.0	12.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.8	0.0	2.8	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	0	1.9	0.0	1.9	
24		RANCHI-SIPAT	D/C	0	0	7.6	0.0	7.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	109	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8	
						ER-WR	42.5	1.3	41.2
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.3	-15.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	317.8	0.0	12.1	-12.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2306.3	0.0	38.7	-38.7	
30	400 KV	TALCHER-I/C	D/C	0.0	1399.2	0.0	17.8	-17.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	66.1	-66.1
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1258	0.0	6.3	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	995	0.0	6.4	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3	
						ER-NER	0.0	15.2	-15.2
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	15.2	-15.2	
						NER-NR	0.0	15.2	-15.2
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.9	-31.9	
37		V'CHAL B/B	D/C	200	400	0.8	5.7	-4.8	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2768	0.0	52.5	-52.5	
40		PHAGI-GWALIOR	D/C	0	1220	0.0	20.6	-20.6	
41	400 KV	ZERDA-KANKROLI	S/C	0	252	0.0	2.1	-2.1	
42		ZERDA -BHINMAL	S/C	52	267	0.0	2.1	-2.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	212	0	1	-1	
45		BADOD-KOTA	S/C	20	64	0.0	0.7	-0.6	
46	220 KV	BADOD-MORAK	S/C	0	120	0.0	1.7	-1.7	
47		MEHGAON-AURAIYA	S/C	41	6	0.4	0.0	0.4	
48		MALANPUR-AURAIYA	S/C	11	31	0.0	0.4	-0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	1.3	118.8	-117.6
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1505	0.0	22.1	-22.1	
53		WARDHA-NIZAMABAD	D/C	0	1461	0.0	28.7	-28.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	227	283	0.7	1.8	-1.1	
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	92	0	1.9	0.0	1.9	
						WR-SR	2.6	71.5	-68.9
TRANSNATIONAL EXCHANGE									
58		BHUTAN						34.8	
59		NEPAL						-5.1	
60		BANGLADESH						-15.0	