



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: 29th 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 29.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-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 29th 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

30-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51054	39183	37621	19575	2510	149943
Peak Shortage (MW)	2237	787	0	170	159	3353
Energy Met (MU)	1191	895	928	402	47	3464
Hydro Gen(MU)	372	22	53	108	24	579
Wind Gen(MU)	22	93	128	-----	-----	243
Solar Gen (MU)*	1.85	7.65	28.80	1.10	0.01	39
Energy Shortage (MU)	11.7	2.0	0.0	0.5	1.4	15.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53151	39518	39330	19873	2664	153010

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	0.054	0.00	1.48	14.02	15.50	77.06	7.44

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	10523	0	239.2	127.4	3.8	560	0.0
	Haryana	9155	0	200.4	129.0	-2.2	399	0.0
	Rajasthan	7683	0	166.5	74.3	-2.6	329	0.0
	Delhi	5152	0	108.3	89.6	-6.4	51	0.1
	UP	16552	0	363.9	167.4	9.8	1396	2.6
	Uttarakhand	1956	0	41.7	13.7	0.1	174	0.0
	HP	1330	0	27.2	-3.7	4.2	326	0.0
	J&K	1944	486	37.8	14.0	-2.3	165	9.0
Chandigarh	308	0	6.4	6.7	-0.2	19	0.0	
WR	Chhattisgarh	3542	0	84.7	29.5	-0.3	306	2.0
	Gujarat	10629	0	232.5	55.8	1.3	727	0.0
	MP	6998	0	144.7	76.5	1.8	176	0.0
	Maharashtra	17664	0	390.7	110.9	2.4	396	0.0
	Goa	415	0	8.3	8.1	0.1	80	0.0
	DD	314	0	6.9	6.3	0.6	28	0.0
	DNH	731	0	16.8	16.7	0.1	31	0.0
Essar steel	541	0	10.5	9.7	0.8	182	0.0	
SR	Andhra Pradesh	7167	0	169	54	11.6	418	0.0
	Telangana	8725	0	186	114	-1.6	317	0.0
	Karnataka	8565	0	189	76	2.7	454	0.0
	Kerala	3350	0	66	50	1.6	281	0.0
	Tamil Nadu	13877	0	312	121	5.2	480	0.0
	Pondy	341	0	7	7	-0.1	45	0.0
ER	Bihar	4101	0	78.1	74.4	0.8	350	0.0
	DVC	2701	0	61.2	-25.6	1.0	420	0.5
	Jharkhand	1211	0	23.5	15.6	0.1	170	0.0
	Odisha	4200	0	81.8	25.5	0.1	100	0.0
	West Bengal	8140	0	156.3	52.7	1.4	340	0.0
	Sikkim	92	0	1.2	1.2	0.0	20	0.0
NER	Arunachal Pradesh	118	3	2.1	2.3	-0.2	0	0.0
	Assam	1580	125	30.4	23.6	1.9	178	1.1
	Manipur	135	6	2.0	2.0	0.0	19	0.1
	Meghalaya	264	0	4.8	-0.8	-0.3	47	0.0
	Mizoram	74	2	1.3	1.1	0.1	20	0.0
	Nagaland	114	2	2.2	2.0	0.0	20	0.0
	Tripura	244	3	4.3	2.9	1.0	165	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.0	-4.9	-15.0
Day peak (MW)	1510.2	-336.6	-648.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	187.0	-237.4	111.8	-68.1	2.5	-4.2
Actual(MU)	191.4	-249.8	117.9	-61.5	3.8	1.8
O/D/U/D(MU)	4.4	-12.4	6.1	6.6	1.3	6.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3464	14941	4060	1125	418	24009
State Sector	7930	22858	12962	5405	110	49265
Total	11394	37799	17022	6530	528	73274

*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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 30-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	236	0.0	5.0	-5.0	
2		SASARAM-FATEHPUR	S/C	0	76	3.9	0.0	3.9	
3		GAYA-BALIA	S/C	0	427	0.0	7.3	-7.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	248	0.0	3.7	-3.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	55	0.4	0.0	0.4	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	573	0.0	8.5	-8.5	
9		PATNA-BALIA	Q/C	0	698	0.0	12.9	-12.9	
10		BIHARSHARIFF-BALIA	D/C	0	404	0.0	7.3	-7.3	
11		BARH-GORAKHPUR	D/C	0	216	0.0	4.4	-4.4	
12		BIHARSHARIFF-VARANASI	D/C	0	18	0.4	0.0	0.4	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.5	-4.5	
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	5.2	53.8	-48.6
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	3	12.2	0.0	12.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	14.0	0.0	14.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.3	0.0	3.3	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.4	0.0	2.4	
22		IBEUL-RAIGARH	S/C	0	0	2.4	0.0	2.4	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	7.6	0.0	7.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	88	0.0	0.8	-0.8	
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7	
						ER-WR	45.7	0.8	44.8
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.0	-16.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	12.8	-12.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2310.3	0.0	37.5	-37.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1284.0	0.0	22.9	-22.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	66.3	-66.3
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1168	0.0	8.1	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	929	0.0	9.6	-10	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3	
						ER-NER	0.0	20.4	-20.4
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	19.1	-19.1	
						NER-NR	0.0	19.1	-19.1
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.5	-27.5	
37		V'CHAL B/B	D/C	200	400	0.9	4.6	-3.7	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2960	0.0	56.8	-56.8	
40		PHAGI-GWALIOR	D/C	0	1152	0.0	22.5	-22.5	
41	400 KV	ZERDA-KANKROLI	S/C	0	244	0.0	3.5	-3.5	
42		ZERDA -BHINMAL	S/C	46	290	0.0	3.1	-3.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	320	0	1	-1	
45		BADOD-KOTA	S/C	13	90	0.0	1.2	-1.2	
46	220 KV	BADOD-MORAK	S/C	0	131	0.0	2.3	-2.3	
47		MEHGAON-AURAIYA	S/C	30	17	0.1	0.1	0.0	
48		MALANPUR-AURAIYA	S/C	1	38	0.0	0.6	-0.6	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	#VALUE!	#VALUE!	
						WR-NR	1.0	#VALUE!	#VALUE!
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.7	-18.7	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1663	0.0	31.8	-31.8	
53		WARDHA-NIZAMABAD	D/C	0	1441	0.0	30.1	-30.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	124	340	0.3	2.2	-1.9	
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	93	0	1.7	0.0	1.7	
						WR-SR	2.0	82.7	-80.8
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.0	
59		NEPAL						-4.9	
60		BANGLADESH						-15.0	