



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: 09th 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 08.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-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 08 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

9-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51554	41140	36525	19050	2345	150614
Peak Shortage (MW)	1394	167	0	215	231	2007
Energy Met (MU)	1183	979	846	390	45	3443
Hydro Gen(MU)	348	22	48	107	25	551
Wind Gen(MU)	22	83	124	-----	-----	229
Solar Gen (MU)*	3.20	12.24	26.60	0.97	0.01	43
Energy Shortage (MU)	12.4	0.0	0.0	0.6	1.5	14.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53433	42066	37990	19491	2560	152980

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	0.063	0.14	3.07	13.13	16.39	77.01	6.60

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	10398	0	237.6	141.2	-0.6	149	0.0
	Haryana	8847	42	184.4	135.2	0.1	380	0.9
	Rajasthan	8977	68	199.9	81.0	2.7	287	2.4
	Delhi	5676	0	107.8	88.1	0.2	286	0.0
	UP	16650	290	344.8	156.5	0.4	937	0.0
	Uttarakhand	1787	0	36.9	8.6	0.9	243	0.0
	HP	1314	0	27.6	-1.9	3.3	221	0.0
	J&K	1957	489	38.0	19.2	-4.0	47	9.0
Chandigarh	295	0	6.0	6.6	-0.6	0	0.0	
WR	Chhattisgarh	3506	0	84.3	16.0	0.5	218	0.0
	Gujarat	11992	0	265.8	58.6	-2.0	343	0.0
	MP	7347	0	163.0	96.0	5.2	824	0.0
	Maharashtra	18935	0	425.5	125.9	3.7	410	0.0
	Goa	411	0	9.0	8.1	0.2	19	0.0
	DD	296	0	6.7	6.2	0.5	51	0.0
	DNH	720	0	16.3	16.0	0.3	44	0.0
	Essar steel	390	0	8.2	8.6	-0.4	148	0.0
SR	Andhra Pradesh	6628	0	149	48	7	810	0.0
	Telangana	6805	0	145	90	-2	297	0.0
	Karnataka	8360	0	181	82	2	548	0.0
	Kerala	3231	0	63	46	1	197	0.0
	Tamil Nadu	13453	0	301	129	1	697	0.0
	Pondy	337	0	7	7	0	41	0.0
ER	Bihar	4082	0	78.8	76.6	0.5	225	0.0
	DVC	2850	0	64.1	-41.6	-0.6	220	0.6
	Jharkhand	1078	0	23.2	17.4	0.0	85	0.0
	Odisha	4074	0	77.5	28.3	0.1	220	0.0
	West Bengal	7955	0	145.2	38.8	0.1	250	0.0
	Sikkim	62	0	1.1	1.5	-0.4	15	0.0
NER	Arunachal Pradesh	106	1	2.1	2.5	-0.4	6	0.0
	Assam	1557	99	29.4	22.3	3.5	116	1.3
	Manipur	123	2	1.9	1.8	0.0	7	0.0
	Meghalaya	258	0	4.5	-1.4	-0.2	35	0.0
	Mizoram	74	1	1.3	0.9	0.3	23	0.0
	Nagaland	105	0	2.0	2.0	0.0	18	0.0
Tripura	227	23	4.1	2.5	-0.2	23	0.2	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.0	-4.7	-14.5
Day peak (MW)	2602.5	-203.0	-621.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	240.0	-227.6	93.3	-102.7	-2.9	0.1
Actual(MU)	230.2	-222.9	98.2	-99.6	-1.3	4.6
O/D/U/D(MU)	-9.8	4.7	4.9	3.2	1.6	4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3829	15726	2560	1160	305	23580
State Sector	9870	19930	15732	4275	110	49917
Total	13699	35656	18292	5435	414	73497

*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 : 9-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	277	0.0	8.6	-8.6	
2		SASARAM-FATEHPUR	S/C	0	101	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	480	0.0	8.5	-8.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.0	-4.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	40	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	768	0.0	13.1	-13.1	
9		PATNA-BALIA	Q/C	0	1013	0.0	14.0	-14.0	
10		BIHARSHARIFF-BALIA	D/C	0	420	0.0	9.5	-9.5	
11		BARH-GORAKHPUR	D/C	0	481	0.0	9.2	-9.2	
12		BIHARSHARIFF-VARANASI	D/C	0	4	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	1.6	67.7	-66.2
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	34	5.7	0.0	5.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	215	1.7	0.0	1.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	10	1.4	0.0	1.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	0	4.1	0.0	4.1	
24		RANCHI-SIPAT	D/C	0	0	3.3	0.0	3.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	128	0.0	1.4	-1.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.0	0.0	3.0	
						ER-WR	23.3	1.4	21.8
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	16.0	-16.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2510.8	0.0	46.6	-46.6	
30	400 KV	TALCHER-I/C	D/C	0.0	1141.3	0.0	19.6	-19.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	78.5	-78.5
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	989	0.0	7.7	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	784	0.0	8.6	-9	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2	
						ER-NER	0.0	18.7	-18.7
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1401	0.0	21.8	-21.8	
						NER-NR	0.0	21.8	-21.8
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.3	-34.3	
37		V'CHAL B/B	D/C	500	0	10.8	0.0	10.8	
38		APL -MHG	D/C	0	1815	0.0	40.3	-40.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2480	0.0	48.2	-48.2	
40		PHAGI-GWALIOR	D/C	0	1150	0.0	24.2	-24.2	
41	400 KV	ZERDA-KANKROLI	S/C	89	51	0.5	0.0	0.5	
42		ZERDA -BHINMAL	S/C	78	88	0.1	0.0	0.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	318	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	0	109	0.0	1.4	-1.4	
46		BADOD-MORAK	S/C	0	155	0.0	2.3	-2.3	
47		MEHGAON-AURAIYA	S/C	48	0	0.4	0.0	0.4	
48		MALANPUR-AURAIYA	S/C	23	28	0.0	0.3	-0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	11.9	154.0	-142.1
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.4	-20.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1610	0.0	26.9	-26.9	
53		WARDHA-NIZAMABAD	D/C	0	894	0.0	16.0	-16.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	235	178	0.7	1.4	-0.6	
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	2.1	0.0	2.1	
						WR-SR	2.8	64.7	-61.8
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.0	
59		NEPAL						-4.7	
60		BANGLADESH						-14.5	