National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(Government of India Enterprise/ भारत सरकार का उद्यम)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016
बी-9, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report दिनांक: 26th 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., डोंगतिएह, 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 25.07.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-जुलाई- 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध 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 25th July 2017, is available at the NLDC website.

धन्यवाद,

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

Report for previous day **Date of Reporting** **26-Jul-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51255	38509	40146	17581	2426	149917
Peak Shortage (MW)	789	124	0	4	144	1060
Energy Met (MU)	1152	864	934	332	46	3328
Hydro Gen(MU)	376	18	51	101	27	573
Wind Gen(MU)	17	169	173	----------	----------	359
Solar Gen (MU)*	2.70	4.92	28.70	0.45	0.01	37
Energy Shortage (MU)	9.2	0.2	0.0	0.0	1.1	10.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53615	39008	42456	17659	2536	152483

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	4.94	4.94	74.50	20.56

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	11209	0	240.1	123.6	-1.5	192	0.0
	Haryana	8765	249	186.0	125.9	2.3	304	0.2
	Rajasthan	7864	0	158.2	59.0	1.0	526	0.0
	Delhi	4993	0	104.4	81.8	-0.2	176	0.0
	UP	16899	0	350.9	158.5	-0.9	328	0.0
	Uttarakhand	1889	0	40.7	11.8	0.9	125	0.0
	HP	1323	0	27.1	-1.5	2.2	250	0.0
	J&K	1895	474	38.0	14.4	-2.4	104	9.0
	Chandigarh	351	0	6.9	6.9	0.0	22	0.0
WR	Chhattisgarh	3557	31	82.5	18.7	0.7	245	0.1
	Gujarat	10109	0	221.7	47.1	0.1	912	0.0
	MP	6555	2	141.1	72.3	-1.9	453	0.0
	Maharashtra	17162	0	379.2	108.0	5.1	476	0.0
	Goa	380	0	8.1	8.2	-0.1	83	0.0
	DD	315	0	7.0	6.3	0.7	59	0.0
	DNH	731	0	16.7	16.4	0.3	34	0.0
	Essar steel	401	0	8.0	8.0	0.0	147	0.0
SR	Andhra Pradesh	7759	0	166	43	1.2	480	0.0
	Telangana	8718	0	182	122	-2.3	622	0.0
	Karnataka	8327	0	184	67	2.7	620	0.0
	Kerala	3329	0	66	44	1.4	194	0.0
	Tamil Nadu	14918	0	328	126	9.7	670	0.0
	Pondy	371	0	8	8	0.2	67	0.0
ER	Bihar	3756	0	62.1	63.9	-4.8	220	0.0
	DVC	2528	0	55.8	-29.8	-0.6	225	0.0
	Jharkhand	848	0	13.3	12.6	-3.7	25	0.0
	Odisha	3821	0	76.8	24.4	1.4	225	0.0
	West Bengal	6788	0	123.2	32.3	1.8	230	0.0
	Sikkim	93	0	1.3	1.1	0.2	5	0.0
NER	Arunachal Pradesh	100	2	2.0	3.0	-1.0	8	0.0
	Assam	1602	85	30.2	23.7	2.3	177	0.9
	Manipur	153	3	2.0	2.3	-0.2	23	0.0
	Meghalaya	267	0	4.5	-0.7	-0.4	32	0.0
	Mizoram	75	2	1.3	1.3	0.0	14	0.0
	Nagaland	115	3	1.9	2.3	-0.6	8	0.0
	Tripura	154	10	3.5	2.8	-0.9	21	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.8	-4.8	-13.7
Day peak (MW)	1515.9	-274.5	-623.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.8	-179.9	115.8	-95.4	0.5	0.8
Actual(MU)	155.6	-179.9	124.7	-97.5	-1.6	1.3
O/D/U/D(MU)	-4.2	0.0	8.9	-2.1	-2.1	0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3602	16281	4820	1420	368	26491
State Sector	8270	24037	14522	4615	110	51554
Total	11872	40318	19342	6035	478	78045

***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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : **26-Jul-17**

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU) (Import=(+ve) /Export =(-ve) for NET (MU))
Import/Export of ER (With NR)								
1	**765KV**	GAYA-VARANASI	D/C	0	256	0.0	6.7	-6.7
2		SASARAM-FATEHPUR	S/C	0	99	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	413	0.0	5.8	-5.8
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	202	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	73	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	833	0.0	9.9	-9.9
9		PATNA-BALIA	Q/C	0	696	0.0	9.8	-9.8
10		BIHARSHARIFF-BALIA	D/C	0	428	0.0	8.2	-8.2
11		BARH-GORAKHPUR	D/C	0	458	0.0	8.3	-8.3
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.5	-2.5
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	0.2	0.0	0.2
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	**0.9**	**57.3**	**-56.4**
Import/Export of ER (With WR)								
18	**765 KV**	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.5	0.0	13.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	135	2.7	0.0	2.7
20	**400 KV**	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0
23		STERLITE-RAIGARH	D/C	0	0	1.1	0.0	1.1
24		RANCHI-SIPAT	D/C	0	0	3.7	0.0	3.7
25	**220 KV**	BUDHIPADAR-RAIGARH	S/C	0	87	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4
					ER-WR	**30.2**	**1.1**	**29.1**
Import/Export of ER (With SR)								
27	**765 KV**	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.6	-17.6
28	**HVDC LINK**	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	12.1	-12.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	3128.6	0.0	51.7	-51.7
30	**400 KV**	TALCHER-I/C	D/C	0.0	1171.9	0.0	18.6	-18.6
31	**220 KV**	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**81.3**	**-81.3**
Import/Export of ER (With NER)								
32	**400 KV**	BINAGURI-BONGAIGAON	D/C	0	1002	0.0	6.8	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	794	0.0	7.7	-8
34	**220 KV**	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.4	-2
					ER-NER	**0.0**	**16.8**	**-16.8**
Import/Export of NER (With NR)								
35	**HVDC**	BISWANATH CHARIALI-AGRA	-	0	1152	0.0	20.8	-20.8
					NER-NR	**0.0**	**20.8**	**-20.8**
Import/Export of WR (With NR)								
36	**HVDC**	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	25.8	-25.8
37		V'CHAL B/B	D/C	500	0	11.3	0.0	11.3
38		APL -MHG	D/C	0	0	0.0	0.0	0.0
39	**765 KV**	GWALIOR-AGRA	D/C	0	2314	0.0	41.1	-41.1
40		PHAGI-GWALIOR	D/C	0	1232	0.0	18.0	-18.0
41	**400 KV**	ZERDA-KANKROLI	S/C	60	100	1.3	0.0	1.3
42		ZERDA -BHINMAL	S/C	131	151	1.1	0.0	1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	170	0	0	0
45	**220 KV**	BADOD-KOTA	S/C	0	86	0.0	1.0	-1.0
46		BADOD-MORAK	S/C	0	140	0.0	2.3	-2.3
47		MEHGAON-AURAIYA	S/C	45	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	18	189	0.1	0.1	0.0
49	**132KV**	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	#VALUE!	#VALUE!
					WR-NR	**14.3**	**#VALUE!**	**#VALUE!**
Import/Export of WR (With SR)								
50	**HVDC LINK**	BHADRAWATI B/B	-	0	1000	0.0	21.1	-21.1
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	**765 KV**	SOLAPUR-RAICHUR	D/C	0	1675	0.0	26.5	-26.5
53		WARDHA-NIZAMABAD	D/C	0	2190	0.0	26.4	-26.4
54	**400 KV**	KOLHAPUR-KUDGI	D/C	105	307	0.2	3.3	-3.1
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	73	0	1.5	0.0	1.5
					WR-SR	**1.7**	**77.4**	**-75.7**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**36.8**
59		NEPAL						**-4.8**
60		BANGLADESH						**-13.7**