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: 27th April 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 26.04.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26 अप्रैल 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 26th April 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** **27-Apr-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44940	47249	39169	19727	2207	153293
Peak Shortage (MW)	542	118	94	0	190	945
Energy Met (MU)	971	1136	935	403	34	3479
Hydro Gen(MU)	230	46	65	51	13	405
Wind Gen(MU)	11	58	29	----------	----------	97
Solar Gen (MU)*	3.90	13.57	24.30	1.40	0.02	43
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47221	48858	40289	20038	2309	155741

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	0.062	0.00	0.88	18.38	19.26	72.85	7.89

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)
NR	Punjab	6280	0	127.7	77.7	0.2	169
	Haryana	7302	0	134.7	96.7	-0.9	252
	Rajasthan	8509	0	176.9	62.3	-0.3	219
	Delhi	4854	0	98.7	78.8	-1.6	228
	UP	16823	260	328.5	125.6	0.2	415
	Uttarakhand	1751	80	37.1	18.2	0.0	67
	HP	1340	0	27.4	10.1	2.4	269
	J&K	1868	467	35.2	16.1	-0.5	248
	Chandigarh	251	0	5.1	5.4	-0.3	19
WR	Chhattisgarh	3949	0	89.0	28.4	0.2	235
	Gujarat	14380	0	331.9	78.3	-0.5	311
	MP	8085	0	181.2	99.3	-1.7	451
	Maharashtra	22204	0	488.6	156.1	0.0	488
	Goa	483	0	10.3	8.8	1.0	57
	DD	326	0	7.4	7.0	0.4	49
	DNH	746	0	17.2	16.3	0.9	74
	Essar steel	487	0	10.6	10.3	0.3	159
SR	Andhra Pradesh	7626	0	168.9	39.1	4.1	653
	Telangana	7705	0	163.5	65.1	0.1	621
	Karnataka	9769	0	213.8	79.3	4.2	456
	Kerala	3663	0	76.2	58.9	1.4	247
	Tamil Nadu	14318	0	304.7	161.7	6.6	1061
	Pondy	372	0	7.9	8.2	-0.3	23
ER	Bihar	3833	0	71.5	67.7	-2.5	180
	DVC	2893	0	67.2	-40.6	-2.6	190
	Jharkhand	1177	0	24.7	19.3	0.5	200
	Odisha	3818	0	84.9	24.5	-2.5	200
	West Bengal	8431	0	153.4	41.8	1.1	290
	Sikkim	73	0	1.0	1.6	-0.6	10
NER	Arunachal Pradesh	86	1	1.9	1.9	0.0	2
	Assam	1354	144	19.3	12.9	1.8	181
	Manipur	144	3	2.3	1.7	0.5	35
	Meghalaya	264	0	4.5	1.1	0.0	69
	Mizoram	71	1	1.3	0.9	0.4	27
	Nagaland	119	2	2.4	1.6	0.6	76
	Tripura	205	4	2.1	-0.3	1.7	149

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.4	-8.2	-14.0
Day peak (MW)	554.4	-397.8	-622.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.9	-221.4	108.5	-64.7	4.0	0.3
Actual(MU)	167.8	-232.3	117.6	-61.1	10.2	2.2
O/D/U/D(MU)	-6.0	-10.9	9.1	3.6	6.2	2.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5461	10671	4270	1100	867	22369
State Sector	12725	15760	8082	5044	110	41721
Total	18186	26431	12352	6144	976	64090

***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 : **27-Apr-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	267	0.0	6.9	-6.9
2		SASARAM-FATEHPUR	S/C	0	40	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	359	0.0	3.4	-3.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	149	0.0	3.6	-3.6
6	400 KV	PUSAULI-VARANASI	S/C	0	133	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	53	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	472	0.0	5.6	-5.6
9		PATNA-BALIA	Q/C	0	779	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	160	0.0	2.0	-2.0
11		BARH-GORAKHPUR	D/C	0	516	0.0	9.8	-9.8
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.4	-0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	240	0.0	4.7	-4.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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	**3.2**	**52.2**	**-49.0**
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	36	5.2	0.0	5.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	250	1.7	0.0	1.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	29	1.0	0.0	1.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	105	0.0	0.7	-0.7
24		RANCHI-SIPAT	D/C	0	0	5.6	0.0	5.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	107	0.0	1.4	-1.4
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
					ER-WR	**19.0**	**2.2**	**16.9**
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.0	-17.0
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	16.0	-16.0
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2314.4	0.0	47.7	-47.7
30	400 KV	TALCHER-I/C	D/C	0.0	632.9	0.2	3.0	-2.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**80.7**	**-80.7**
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	596	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	618	0.0	2.5	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0
					ER-NER	**0.2**	**2.5**	**-2.3**
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.9	0.0	11.9
					NER-NR	**11.9**	**0.0**	**11.9**
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.6	-34.6
37		V'CHAL B/B	D/C	500	0	10.0	0.0	10.0
38		APL -MHG	D/C	0	2317	0.0	51.5	-51.5
39	765 KV	GWALIOR-AGRA	D/C	0	2794	0.0	45.9	-45.9
40		PHAGI-GWALIOR	D/C	0	1244	0.0	23.2	-23.2
41	400 KV	ZERDA-KANKROLI	S/C	354	0	5.9	0.0	5.9
42		ZERDA -BHINMAL	S/C	347	84	5.0	0.0	5.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	208	0	1	-1
45	220 KV	BADOD-KOTA	S/C	82	33	0.8	0.1	0.7
46		BADOD-MORAK	S/C	23	78	0.1	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	63	7	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	32	27	0.3	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**23.0**	**157.1**	**-134.1**
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.5	-23.5
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2251	0.0	39.0	-39.0
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9
54	400 KV	KOLHAPUR-KUDGI	D/C	465	126	3.5	0.1	3.5
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	247	0.0	3.2	-3.2
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	93	0	1.8	0.0	1.8
					WR-SR	**5.4**	**83.7**	**-78.4**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**7.4**
59		NEPAL						**-8.2**
60		BANGLADESH						**-14.0**