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: 25th 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 24.04.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24 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 24th 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** **25-Apr-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46134	48208	40706	19244	2236	156527
Peak Shortage (MW)	473	48	0	0	111	631
Energy Met (MU)	920	1143	945	365	36	3410
Hydro Gen(MU)	257	40	55	49	10	411
Wind Gen(MU)	14	71	74	----------	----------	158
Solar Gen (MU)*	3.87	12.97	24.80	1.34	0.00	43
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48129	48814	41817	19477	2351	157035

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	0.040	0.00	0.23	8.22	8.45	73.96	17.59

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	5971	0	105.4	66.4	-0.3	341
	Haryana	7189	0	128.9	97.6	0.0	0
	Rajasthan	8692	0	185.6	74.6	3.0	427
	Delhi	5031	0	94.4	83.0	-1.7	185
	UP	16471	0	301.1	117.4	0.8	372
	Uttarakhand	1801	0	37.7	21.1	0.5	155
	HP	1206	0	24.3	2.8	5.1	565
	J&K	1944	486	37.8	18.1	-0.4	159
	Chandigarh	249	0	4.9	5.4	-0.5	12
WR	Chhattisgarh	3968	0	93.2	28.2	-2.0	67
	Gujarat	14942	21	333.9	75.4	0.4	444
	MP	8046	0	180.4	109.5	-1.7	313
	Maharashtra	22192	0	490.7	154.6	2.2	549
	Goa	512	0	10.1	9.2	0.4	67
	DD	324	0	7.2	6.8	0.4	39
	DNH	768	0	17.3	16.5	0.8	55
	Essar steel	742	0	10.3	10.4	-0.1	116
SR	Andhra Pradesh	7689	0	171.1	35.3	3.6	343
	Telangana	7791	0	161.2	73.6	-3.6	285
	Karnataka	9696	0	214.6	78.2	4.9	260
	Kerala	3868	0	77.0	56.6	1.8	321
	Tamil Nadu	14179	0	313.6	141.3	0.4	353
	Pondy	351	0	7.6	8.1	-0.4	58
ER	Bihar	3927	0	59.1	60.8	-2.7	210
	DVC	2833	0	62.7	-34.4	-3.0	190
	Jharkhand	1108	0	22.2	17.6	-0.1	160
	Odisha	4295	0	84.3	25.0	1.2	280
	West Bengal	7664	0	135.7	33.7	-0.1	300
	Sikkim	80	0	1.2	1.5	-0.2	24
NER	Arunachal Pradesh	98	0	1.9	1.9	-0.1	35
	Assam	1384	68	20.5	15.7	0.7	185
	Manipur	152	2	3.1	2.2	0.9	19
	Meghalaya	286	0	4.7	2.9	0.0	21
	Mizoram	74	2	1.3	1.2	0.1	25
	Nagaland	106	4	1.4	1.9	-0.7	14
	Tripura	168	3	3.1	1.3	-0.3	47

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.3	-6.8	-10.4
Day peak (MW)	675.7	-319.3	-637.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	142.6	-197.4	104.0	-60.5	3.8	-7.6
Actual(MU)	134.6	-196.4	105.3	-71.4	3.0	-25.0
O/D/U/D(MU)	-8.0	1.0	1.3	-10.9	-0.8	-17.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5181	9911	3270	1370	723	20456
State Sector	12725	15620	8292	5659	110	42406
Total	17906	25531	11562	7029	833	62862

***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 : **25-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	295	0.0	6.6	-6.6
2		SASARAM-FATEHPUR	S/C	0	140	0.3	0.0	0.3
3		GAYA-BALIA	S/C	0	363	0.0	2.6	-2.6
4	**HVDC**	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	149	0.0	3.7	-3.7
6	**400 KV**	PUSAULI-VARANASI	S/C	0	151	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	67	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	558	0.0	7.9	-7.9
9		PATNA-BALIA	Q/C	0	785	0.0	14.7	-14.7
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	2.2	-2.2
11		BARH-GORAKHPUR	D/C	0	543	0.0	8.7	-8.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.0	-1.0
13	**220 KV**	PUSAULI-SAHUPURI	S/C	0	224	0.0	3.5	-3.5
14	**132 KV**	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	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	**1.0**	**50.8**	**-49.8**
Import/Export of ER (With WR)								
18	**765 KV**	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	57	5.4	0.0	5.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	441	0.0	3.3	-3.3
20	**400 KV**	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	67	0.0	0.0	0.0
21		JHARSUGUDA-RAIGARH	S/C	0	38	0.4	0.0	0.4
22		IBEUL-RAIGARH	S/C	0	0	0.4	0.0	0.4
23		STERLITE-RAIGARH	D/C	0	173	0.0	1.9	-1.9
24		RANCHI-SIPAT	D/C	0	41	2.7	0.0	2.7
25	**220 KV**	BUDHIPADAR-RAIGARH	S/C	0	124	0.0	1.9	-1.9
26		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1
					ER-WR	**11.9**	**7.1**	**4.8**
Import/Export of ER (With SR)								
27	**765 KV**	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.9	-13.9
28	**HVDC LINK**	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.1	0.0	15.7	-15.7
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2029.4	0.0	40.9	-40.9
30	**400 KV**	TALCHER-I/C	D/C	0.0	277.4	9.3	0.4	8.9
31	**220 KV**	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**70.5**	**-70.5**
Import/Export of ER (With NER)								
32	**400 KV**	BINAGURI-BONGAIGAON	D/C	0	297	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	319	8.6	0.0	9
34	**220 KV**	ALIPURDUAR-SALAKATI	D/C	0	0	0.6	0.0	1
					ER-NER	**9.2**	**0.0**	**9.2**
Import/Export of NER (With NR)								
35	**HVDC**	BISWANATH CHARIALI-AGRA	-	500	0	11.5	0.0	11.5
					NER-NR	**11.5**	**0.0**	**11.5**
Import/Export of WR (With NR)								
36	**HVDC**	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.2	-36.2
37		V'CHAL B/B	D/C	500	0	8.3	0.0	8.3
38		APL -MHG	D/C	0	2315	0.0	38.7	-38.7
39	**765 KV**	GWALIOR-AGRA	D/C	0	2528	0.0	33.7	-33.7
40		PHAGI-GWALIOR	D/C	0	1328	0.0	21.8	-21.8
41	**400 KV**	ZERDA-KANKROLI	S/C	300	35	4.0	0.0	4.0
42		ZERDA -BHINMAL	S/C	280	97	2.6	0.0	2.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	229	0	3	-3
45	**220 KV**	BADOD-KOTA	S/C	36	60	0.3	0.3	0.0
46		BADOD-MORAK	S/C	0	85	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	75	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	43	8	0.4	0.0	0.4
49	**132KV**	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**16.6**	**135.0**	**-118.4**
Import/Export of WR (With SR)								
50	**HVDC LINK**	BHADRAWATI B/B	-	0	1000	0.0	20.5	-20.5
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	**765 KV**	SOLAPUR-RAICHUR	D/C	0	2035	0.0	33.0	-33.0
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9
54	**400 KV**	KOLHAPUR-KUDGI	D/C	119	323	0.0	2.2	-2.2
55	**220 KV**	KOLHAPUR-CHIKODI	D/C	0	260	0.0	5.4	-5.4
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	90	0	1.9	0.0	1.9
					WR-SR	**1.9**	**79.0**	**-77.1**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**11.3**
59		NEPAL						**-6.8**
60		BANGLADESH						**-10.4**