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: 06th May 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 05.05.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05 मई 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 05th May 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** **6-May-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47518	46982	38781	18488	1981	153750
Peak Shortage (MW)	616	105	15	0	390	1126
Energy Met (MU)	1075	1133	944	392	37	3581
Hydro Gen(MU)	213	26	66	65	9	378
Wind Gen(MU)	8	48	20	----------	----------	76
Solar Gen (MU)*	3.57	12.21	26.20	1.39	0.02	43
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49405	48937	40869	19226	2086	156148

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	0.050	0.00	0.28	13.13	13.40	76.01	10.59

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	6671	0	150.6	85.3	-0.5	196
	Haryana	7072	0	151.4	108.0	0.4	235
	Rajasthan	9644	0	204.1	67.5	0.3	288
	Delhi	5131	0	104.6	80.4	-0.5	220
	UP	17740	540	355.8	135.3	0.7	241
	Uttarakhand	1803	0	37.2	20.2	0.6	143
	HP	1225	0	25.5	9.3	2.6	233
	J&K	1989	497	41.0	21.4	1.5	295
	Chandigarh	265	0	5.1	5.5	-0.4	12
WR	Chhattisgarh	3891	0	91.6	24.0	-2.1	94
	Gujarat	15258	0	335.5	91.8	-1.6	300
	MP	8346	0	181.9	100.9	-0.8	369
	Maharashtra	22202	447	480.1	145.7	-2.3	800
	Goa	481	0	10.8	8.8	1.3	83
	DD	330	0	7.4	6.9	0.5	46
	DNH	754	0	17.3	16.4	0.9	106
	Essar steel	438	0	8.9	9.4	-0.5	152
SR	Andhra Pradesh	7407	0	166.6	40.1	5.4	590
	Telangana	6946	0	149.1	65.4	-2.8	161
	Karnataka	9358	0	207.5	75.9	4.9	646
	Kerala	3584	0	76.9	49.1	1.3	283
	Tamil Nadu	14742	0	336.7	168.7	4.7	678
	Pondy	360	0	7.6	7.6	0.0	40
ER	Bihar	3680	0	66.8	57.6	5.4	210
	DVC	3112	0	66.5	-54.4	-1.5	200
	Jharkhand	1065	0	24.7	16.6	2.1	100
	Odisha	4006	0	82.7	18.9	1.2	250
	West Bengal	8206	0	149.8	35.5	0.5	250
	Sikkim	71	0	1.1	0.9	0.2	15
NER	Arunachal Pradesh	135	2	2.1	2.0	0.1	74
	Assam	1065	371	18.5	13.6	1.4	235
	Manipur	132	3	2.5	2.1	0.4	31
	Meghalaya	251	0	5.2	2.8	0.4	41
	Mizoram	73	1	1.4	1.2	0.2	16
	Nagaland	91	1	2.8	1.9	0.7	39
	Tripura	247	2	4.1	2.9	-0.5	42

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.5	-8.3	-10.5
Day peak (MW)	531.4	-344.9	-636.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	213.5	-201.9	72.8	-87.2	3.4	0.6
Actual(MU)	197.4	-208.8	80.9	-76.0	4.9	-1.6
O/D/U/D(MU)	-16.1	-6.9	8.1	11.3	1.5	-2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3743	10824	4230	2860	530	22187
State Sector	10520	14815	7242	4470	110	37157
Total	14263	25639	11472	7330	639	59344

*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 : **6-May-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	320	0.0	10.6	-10.6
2		SASARAM-FATEHPUR	S/C	0	155	0.0	0.6	-0.6
3		GAYA-BALIA	S/C	0	451	0.0	7.5	-7.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6
6	400 KV	PUSAULI-VARANASI	S/C	0	145	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	43	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	661	0.0	11.9	-11.9
9		PATNA-BALIA	Q/C	0	735	0.0	14.7	-14.7
10		BIHARSHARIFF-BALIA	D/C	0	388	0.0	4.1	-4.1
11		BARH-GORAKHPUR	D/C	0	442	0.0	9.6	-9.6
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.6	-2.6
13	220 KV	PUSAULI-SAHUPURI	S/C	0	227	0.0	4.2	-4.2
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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	**0.6**	**69.3**	**-68.8**
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	99	3.4	0.0	3.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	339	0.0	0.8	-0.8
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	71	0.8	0.0	0.8
21		JHARSUGUDA-RAIGARH	S/C	0	41	1.1	0.0	1.1
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1
23		STERLITE-RAIGARH	D/C	0	92	0.0	0.1	-0.1
24		RANCHI-SIPAT	D/C	0	0	5.1	0.0	5.1
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	130	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
					ER-WR	**14.9**	**2.0**	**12.9**
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	4.9	-4.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.1	0.0	11.0	-11.0
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2309.0	0.0	45.2	-45.2
30	400 KV	TALCHER-I/C	D/C	0.0	0.0	9.2	0.5	8.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**61.1**	**-61.1**
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	35	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	57	8.1	0.0	8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.1	0.0	1
					ER-NER	**9.2**	**0.0**	**9.2**
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	11.6	0.0	11.6
					NER-NR	**11.6**	**0.0**	**11.6**
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	32.5	-32.5
37		V'CHAL B/B	D/C	500	0	10.9	0.0	10.9
38		APL -MHG	D/C	0	2519	0.0	51.8	-51.8
39	765 KV	GWALIOR-AGRA	D/C	0	2886	0.0	52.3	-52.3
40		PHAGI-GWALIOR	D/C	0	1534	0.0	29.5	-29.5
41	400 KV	ZERDA-KANKROLI	S/C	357	0	7.0	0.0	7.0
42		ZERDA -BHINMAL	S/C	92	0	4.7	0.0	4.7
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	1	0	2	-2
45	220 KV	BADOD-KOTA	S/C	83	0	1.0	0.0	1.0
46		BADOD-MORAK	S/C	45	31	0.3	0.1	0.3
47		MEHGAON-AURAIYA	S/C	48	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	25	2	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**25.0**	**168.4**	**-143.4**
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	18.9	-18.9
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1702	0.0	25.1	-25.1
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9
54	400 KV	KOLHAPUR-KUDGI	D/C	175	344	0.1	1.5	-1.5
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	249	0.0	5.1	-5.1
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	100	0	2.0	0.0	2.0
					WR-SR	**2.0**	**68.6**	**-66.5**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**8.5**
59		NEPAL						**-8.3**
60		BANGLADESH						**-10.5**