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: 31st 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 30.05.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30 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** **31-May-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46515	44394	37304	17635	1877	147724
Peak Shortage (MW)	1849	43	0	0	472	2364
Energy Met (MU)	1045	1063	852	382	35	3378
Hydro Gen(MU)	303	32	19	67	13	434
Wind Gen(MU)	16	106	168	----------	----------	290
Solar Gen (MU)*	3.52	11.90	24.50	1.24	0.00	41
Energy Shortage (MU)	8.0	0.0	0.0	0.0	3.3	11.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48155	47947	38502	19178	1985	151756

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	0.028	0.00	0.00	2.72	2.72	78.21	19.07

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	7153	0	161.4	102.1	1.0	244	0.0
	Haryana	6748	225	142.1	114.2	2.4	289	0.2
	Rajasthan	9602	0	201.8	67.9	1.3	513	0.0
	Delhi	5256	0	106.4	88.5	-0.3	156	0.0
	UP	15691	840	328.6	125.7	2.2	326	0.0
	Uttarakhand	1844	0	39.0	19.7	-0.2	145	0.0
	HP	1254	0	26.8	1.6	3.0	298	0.0
	J&K	1795	449	33.0	14.3	-4.3	152	7.8
	Chandigarh	299	0	5.9	6.3	-0.4	13	0.0
WR	Chhattisgarh	3052	0	71.9	9.5	-1.8	305	0.0
	Gujarat	15522	16	335.9	73.5	1.7	835	0.0
	MP	7388	0	154.2	82.0	-0.6	620	0.0
	Maharashtra	20126	0	458.6	122.9	-1.5	709	0.0
	Goa	415	0	9.0	9.6	-0.9	96	0.0
	DD	326	0	7.2	6.6	0.6	70	0.0
	DNH	712	0	16.1	16.8	-0.7	-5	0.0
	Essar steel	507	0	10.4	10.5	-0.1	149	0.0
SR	Andhra Pradesh	7459	0	156.2	40.1	4.3	691	0.0
	Telangana	6722	0	141.1	61.6	-4.2	300	0.0
	Karnataka	7890	0	163.1	55.4	1.7	560	0.0
	Kerala	3155	0	65.8	52.3	1.1	217	0.0
	Tamil Nadu	14308	0	317.6	107.1	0.0	595	0.0
	Pondy	373	0	8.0	8.2	-0.2	44	0.0
ER	Bihar	4010	0	71.1	68.5	-0.9	220	0.0
	DVC	2609	0	61.0	-39.9	-1.3	225	0.0
	Jharkhand	969	0	20.2	16.3	-1.5	100	0.0
	Odisha	4105	0	83.3	28.6	1.7	220	0.0
	West Bengal	7683	0	145.4	41.2	1.5	250	0.0
	Sikkim	73	0	1.3	1.2	0.2	15	0.0
NER	Arunachal Pradesh	88	4	1.9	1.9	0.1	24	0.0
	Assam	1250	283	22.0	17.6	0.5	126	2.8
	Manipur	92	6	1.9	1.9	0.0	7	0.0
	Meghalaya	229	25	3.4	2.3	-0.7	44	0.0
	Mizoram	47	5	0.8	1.1	-0.3	6	0.0
	Nagaland	91	5	2.1	2.0	0.0	2	0.0
	Tripura	164	60	2.8	2.8	-1.0	26	0.4

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.5	-6.8	-15.1
Day peak (MW)	677.5	-228.3	-633.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	139.2	-150.9	77.1	-68.4	4.0	1.0
Actual(MU)	143.1	-155.6	69.5	-59.1	1.1	-1.0
O/D/U/D(MU)	3.9	-4.7	-7.6	9.4	-2.9	-2.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3498	17766	4060	1410	355	27089
State Sector	12685	14339	10192	4045	110	41371
Total	16183	32105	14252	5455	464	68460

***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 कें०)

INTER-REGIONAL EXCHANGES

Date of Reporting : **31-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	0	0.0	4.2	-4.2
2		SASARAM-FATEHPUR	S/C	0	120	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	249	0.0	2.9	-2.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.8	-0.8
5		PUSAULI B/B	S/C	0	247	0.0	3.6	-3.6
6	400 KV	PUSAULI-VARANASI	S/C	0	228	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	45	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	472	0.0	6.2	-6.2
9		PATNA-BALIA	Q/C	0	568	0.0	11.1	-11.1
10		BIHARSHARIFF-BALIA	D/C	0	116	0.0	1.1	-1.1
11		BARH-GORAKHPUR	D/C	0	486	0.0	9.7	-9.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.1	-0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	213	0.0	3.8	-3.8
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
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	**2.7**	**43.4**	**-40.7**
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	200	3.2	0.0	3.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	562	0.0	6.8	-6.8
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	102	0.1	0.0	0.1
21		JHARSUGUDA-RAIGARH	S/C	0	63	0.8	0.0	0.8
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8
23		STERLITE-RAIGARH	D/C	0	91	0.2	0.0	0.2
24		RANCHI-SIPAT	D/C	0	66	1.2	0.0	1.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	115	0.0	1.2	-1.2
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4
					ER-WR	**9.7**	**8.0**	**1.7**
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.7	-12.7
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.2	0.0	6.1	-6.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2017.1	0.0	29.5	-29.5
30	400 KV	TALCHER-I/C	D/C	0.0	277.4	2.6	0.3	2.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**48.3**	**-48.3**
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	406	0.6	0.0	1
33		ALIPURDUAR-BONGAIGAON	D/C	0	366	2.0	0.0	2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
					ER-NER	**2.6**	**0.0**	**2.5**
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	493	501	3.1	0.0	3.1
					NER-NR	**3.1**	**0.0**	**3.1**
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	30.9	-30.9
37		V'CHAL B/B	D/C	500	0	6.9	0.0	6.9
38		APL -MHG	D/C	0	2016	0.0	47.9	-47.9
39	765 KV	GWALIOR-AGRA	D/C	0	1998	0.0	30.5	-30.5
40		PHAGI-GWALIOR	D/C	0	920	0.0	15.9	-15.9
41	400 KV	ZERDA-KANKROLI	S/C	466	0	7.1	0.0	7.1
42		ZERDA -BHINMAL	S/C	368	103	4.8	0.0	4.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	0	0	2	-2
45	220 KV	BADOD-KOTA	S/C	74	0	0.7	0.0	0.7
46		BADOD-MORAK	S/C	34	58	0.1	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	63	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	34	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**21.3**	**127.6**	**-106.3**
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	800	0.0	14.0	-14.0
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	222	1688	222.0	14.0	208.0
53		WARDHA-NIZAMABAD	D/C	0	843	0.0	13.6	-13.6
54	400 KV	KOLHAPUR-KUDGI	D/C	230	417	0.6	1.9	-1.3
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	146	0.0	2.9	-2.9
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	80	0	1.6	0.0	1.6
					WR-SR	**224.2**	**46.3**	**177.9**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**9.5**
59		NEPAL						**-6.8**
60		BANGLADESH						**-15.1**