



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 01st June 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोलफ 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., डोंगतिह, 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 31.05.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध 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 31 May 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

1-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44295	43732	38256	18539	2215	147038
Peak Shortage (MW)	1060	58	0	200	173	1491
Energy Met (MU)	1000	1082	881	383	35	3381
Hydro Gen(MU)	304	34	22	85	22	466
Wind Gen(MU)	30	86	139	-----	-----	255
Solar Gen (MU)*	3.38	12.00	27.00	1.33	0.02	44
Energy Shortage (MU)	6.6	0.0	0.0	0.8	2.4	9.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47412	48289	37998	19009	2390	148607

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	0.029	0.00	0.00	1.81	1.81	74.04	24.16

C. Power Supply Position in States

Region	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	6404	0	135.3	88.6	-2.6	263	0.0
	Haryana	6679	0	132.4	110.6	-1.3	310	0.0
	Rajasthan	9113	0	186.1	51.6	1.7	465	0.0
	Delhi	5204	0	101.9	87.1	-0.4	224	0.0
	UP	15972	690	349.6	141.7	0.2	297	0.0
	Uttarakhand	1780	0	37.4	16.5	-0.4	181	0.0
	HP	1158	0	24.2	0.1	1.5	270	0.0
	J&K	1600	400	28.0	10.9	-5.9	147	6.6
WR	Chandigarh	262	0	5.2	5.8	-0.6	0	0.0
	Chhattisgarh	3401	0	75.3	11.9	-0.8	236	0.0
	Gujarat	15417	0	339.1	70.6	0.8	557	0.0
	MP	7132	0	156.8	82.7	-0.5	1020	0.0
	Maharashtra	21432	0	471.3	136.3	2.4	815	0.0
	Goa	409	0	8.7	9.1	-0.7	36	0.0
	DD	329	0	7.3	6.4	0.9	73	0.0
	DNH	733	0	16.3	16.9	-0.6	0	0.0
	Essar steel	414	0	7.5	6.4	1.1	207	0.0
	SR	Andhra Pradesh	7650	0	161.3	54.6	4.7	948
Telangana		7001	0	145.5	60.8	-3.5	339	0.0
Karnataka		8076	0	175.2	68.1	3.9	593	0.0
Kerala		3414	0	64.8	53.6	1.3	203	0.0
Tamil Nadu		14629	0	326.3	120.4	2.2	747	0.0
Pondy		374	0	8.0	8.3	-0.3	101	0.0
ER	Bihar	4075	100	80.0	73.7	1.7	425	0.8
	DVC	2807	0	65.1	-38.6	-0.5	398	0.0
	Jharkhand	1106	0	22.3	18.7	-0.6	205	0.0
	Odisha	4139	0	85.2	28.2	-1.6	265	0.0
	West Bengal	7417	0	128.6	44.0	-11.5	345	0.0
	Sikkim	71	0	1.9	2.1	-0.2	20	0.0
NER	Arunachal Pradesh	79	6	1.5	3.1	-1.5	8	0.0
	Assam	1498	70	22.5	17.6	0.0	168	1.9
	Manipur	110	2	1.7	2.0	-0.3	12	0.0
	Meghalaya	209	15	3.1	2.1	-1.0	18	0.0
	Mizoram	65	3	0.9	1.3	-0.4	12	0.0
	Nagaland	120	1	2.1	2.4	-0.4	16	0.1
	Tripura	170	40	3.1	2.8	-1.0	11	0.3

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.1	-7.1	-15.0
Day peak (MW)	1372.6	-330.9	-666.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	129.5	-143.6	77.1	-65.4	0.3	-2.0
Actual(MU)	133.0	-134.3	79.4	-74.8	-5.7	-2.4
O/D/U/D(MU)	3.5	9.2	2.3	-9.5	-6.0	-0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3918	17686	3350	810	390	26154
State Sector	12405	13161	10532	4045	110	40253
Total	16323	30847	13882	4855	499	66407

*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-केन्द्र/प्रिन्सिपल/मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	1-Jun-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	0	0.0	7.0	-7.0	
2		SASARAM-FATEHPUR	S/C	0	0	3.5	0.0	3.5	
3	HVDC	GAYA-BALIA	S/C	0	269	0.0	5.3	-5.3	
4		ALIPURDUAR-AGRA	-	0	0	0.0	2.5	-2.5	
5	400 KV	PUSAULI B/B	S/C	0	247	0.0	5.0	-5.0	
6		PUSAULI-VARANASI	S/C	0	235	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	58	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	604	0.0	8.7	-8.7	
9		PATNA-BALIA	Q/C	0	572	0.0	13.2	-13.2	
10		BIHARSHARIFF-BALIA	D/C	0	91	0.0	1.0	-1.0	
11		BARH-GORAKHPUR	D/C	0	487	0.0	9.1	-9.1	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.6	0.0	0.6		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	232	0.0	4.6	-4.6	
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						4.7	56.5	-51.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	143	6.0	0.0	6.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	404	0.0	4.3	-4.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	111	0.4	0.0	0.4	
21		JHARSUGUDA-RAIGARH	S/C	0	59	0.5	0.0	0.5	
22		IBEUL-RAIGARH	S/C	0	0	0.5	0.0	0.5	
23		STERLITE-RAIGARH	D/C	0	26	0.0	0.1	-0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	18	1.9	0.0	1.9	
25		BUDHIPADAR-RAIGARH	S/C	0	118	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7	
ER-WR						13.0	5.7	7.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.8	-13.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	353.2	0.0	13.4	-13.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2036.2	0.0	39.8	-39.8	
30	400 KV	TALCHER-1C	D/C	0.0	777.4	0.0	4.4	-4.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	67.0	-67.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	728	0.0	1.7	-2	
33		ALIPURDUAR-BONGAIGAON	D/C	0	594	0.0	0.1	0	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.9	-1	
ER-NER						0.0	2.7	-2.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	803	0.0	10.1	-10.1	
NER-NR						0.0	10.1	-10.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	17.7	-17.7	
37		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1	
38		APL -MHG	D/C	0	1612	0.0	32.7	-32.7	
39	765 KV	GWALIOR-AGRA	D/C	0	2212	0.0	29.5	-29.5	
40		PHAGI-GWALIOR	D/C	0	894	0.0	12.0	-12.0	
41	400 KV	ZERDA-KANKROLI	S/C	453	0	6.7	0.0	6.7	
42		ZERDA -BHINMAL	S/C	402	69	4.9	0.0	4.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	365	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	94	42	1.2	0.1	1.1	
46		BADOD-MORAK	S/C	49	92	0.4	0.4	0.0	
47		MEHGAON-AURAIYA	S/C	80	28	0.9	0.1	0.8	
48	132KV	MALANPUR-AURAIYA	S/C	49	28	0.4	0.1	0.3	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						20.6	93.3	-72.7	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	15.2	-15.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1936	0.0	25.9	-25.9	
53		WARDHA-NIZAMABAD	D/C	0	812	0.0	12.9	-12.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	239	332	1.6	1.5	0.1	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	144	0.0	3.0	-3.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	73	0	1.6	0.0	1.6	
WR-SR						3.2	58.5	-55.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						29.1	
59		NEPAL						-7.1	
60		BANGLADESH						-15.0	