



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: 30th 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., 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 29.05.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-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 29 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

30-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45135	43933	37458	18648	2471	147644
Peak Shortage (MW)	475	64	15	0	76	630
Energy Met (MU)	963	1062	829	380	45	3280
Hydro Gen(MU)	307	20	14	65	13	419
Wind Gen(MU)	15	145	147	-----	-----	307
Solar Gen (MU)*	0.45	11.60	26.60	1.32	0.03	40
Energy Shortage (MU)	8.2	0.0	0.0	0.1	0.8	9.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48181	47676	38295	18984	2564	151353

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	0.045	0.00	0.08	7.28	7.36	68.50	24.14

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	7067	0	146.9	88.6	0.6	264	0.0
	Haryana	6694	0	122.4	101.9	-4.3	625	0.0
	Rajasthan	9033	0	182.3	61.5	0.2	537	0.0
	Delhi	5254	0	103.9	87.3	-1.8	165	0.0
	UP	16500	0	306.1	125.7	-1.2	478	0.0
	Uttarakhand	1714	0	36.0	16.8	0.1	129	0.0
	HP	1274	0	25.0	1.2	2.3	221	0.0
	J&K	1917	479	34.7	13.9	-2.3	168	8.2
WR	Chandigarh	262	0	5.6	6.3	-0.7	1	0.0
	Chhattisgarh	3167	0	69.9	8.6	-1.2	169	0.0
	Gujarat	15325	0	330.8	60.1	1.8	496	0.0
	MP	7071	0	153.3	76.4	-1.0	530	0.0
	Maharashtra	21598	0	465.7	132.0	2.0	669	0.0
	Goa	456	0	10.6	9.4	0.9	78	0.0
	DD	321	0	7.2	6.4	0.8	72	0.0
	DNH	735	0	14.4	15.0	-0.6	166	0.0
	Essar steel	497	0	10.5	9.7	0.7	207	0.0
	SR	Andhra Pradesh	7142	0	153.8	36.3	2.6	561
Telangana		6769	0	134.9	58.3	-6.9	543	0.0
Karnataka		7840	0	160.5	57.6	2.7	538	0.0
Kerala		3241	0	65.7	55.1	1.7	328	0.0
Tamil Nadu		14679	0	306.3	102.3	3.1	615	0.0
Pondy		367	0	7.7	8.0	-0.3	18	0.0
ER	Bihar	4018	0	71.2	67.1	0.6	250	0.1
	DVC	2808	0	62.8	-36.3	-0.7	225	0.0
	Jharkhand	975	0	19.9	15.6	-1.6	100	0.0
	Odisha	4245	0	83.7	27.7	2.5	250	0.0
	West Bengal	7733	0	141.6	44.3	-2.1	250	0.0
	Sikkim	80	0	1.1	0.8	0.2	15	0.0
NER	Arunachal Pradesh	98	1	2.0	1.8	0.2	34	0.0
	Assam	1560	58	27.7	21.2	2.4	181	0.7
	Manipur	131	1	2.3	1.9	0.4	22	0.0
	Meghalaya	264	0	4.1	3.2	-0.4	130	0.0
	Mizoram	69	1	1.3	1.2	0.0	15	0.0
	Nagaland	100	1	2.4	1.9	0.3	5	0.0
	Tripura	263	1	5.2	3.1	1.0	19	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.9	-5.8	-14.9
Day peak (MW)	420.9	-230.0	-649.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	124.2	-149.1	72.8	-47.8	7.2	7.3
Actual(MU)	115.1	-141.1	70.2	-49.1	10.6	5.7
O/D/U/D(MU)	-9.0	8.0	-2.6	-1.4	3.4	-1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3232	16266	3850	1760	355	25463
State Sector	11375	16403	9882	4045	110	41815
Total	14607	32669	13732	5805	464	67278

*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 :	30-May-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	2.1	-2.1	
2		SASARAM-FATEHPUR	S/C	0	23	1.4	0.0	1.4	
3	HVDC	GAYA-BALIA	S/C	0	287	0.0	2.8	-2.8	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	248	0.0	5.0	-5.0	
6		PUSAULI-VARANASI	S/C	0	240	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	57	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	327	0.0	1.7	-1.7	
9		PATNA-BALIA	Q/C	0	550	0.0	8.0	-8.0	
10		BIHARSHARIFF-BALIA	D/C	0	67	0.3	0.0	0.3	
11		BARH-GORAKHPUR	D/C	0	529	0.0	9.1	-9.1	
12	BIHARSHARIFF-VARANASI	D/C	0	0	1.8	0.0	1.8		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	224	0.0	1.6	-1.6	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.9	0.0	0.9	
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						4.4	30.4	-26.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	92	5.2	0.0	5.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	292	0.0	0.8	-0.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	61	0.7	0.0	0.7	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7	
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6	
23		STERLITE-RAIGARH	D/C	0	28	1.4	0.0	1.4	
24	220 KV	RANCHI-SIPAT	D/C	0	10	2.8	0.0	2.8	
25		BUDHIPADAR-RAIGARH	S/C	0	120	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2	
ER-WR						16.6	1.8	14.7	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.1	-12.1	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.2	0.0	20.7	-20.7	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2313.1	0.0	29.1	-29.1	
30	400 KV	TALCHER-1C	D/C	0.0	799.7	0.0	9.7	-9.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	61.8	-61.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1043	0.0	4.4	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	868	0.0	3.4	-3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1	
ER-NER						0.0	9.3	-9.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	494	504	1.1	0.0	1.1	
NER-NR						1.1	0.0	1.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	18.2	-18.2	
37		V'CHAL B/B	D/C	500	50	8.3	0.0	8.2	
38		APL -MHG	D/C	0	2014	0.0	35.4	-35.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2430	0.0	31.1	-31.1	
40		PHAGI-GWALIOR	D/C	0	1100	0.0	14.6	-14.6	
41	400 KV	ZERDA-KANKROLI	S/C	381	0	4.8	0.0	4.8	
42		ZERDA -BHINMAL	S/C	368	128	2.5	0.0	2.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	372	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	88	26	0.5	0.1	0.4	
46		BADOD-MORAK	S/C	22	84	0.0	0.9	-0.9	
47		MEHGAON-AURAIYA	S/C	94	0	1.3	0.0	1.3	
48	132KV	MALANPUR-AURAIYA	S/C	78	0	0.5	0.0	0.5	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						17.9	102.0	-84.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	13.0	-13.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1954	0.0	16.5	-16.5	
53		WARDHA-NIZAMABAD	D/C	0	972	0.0	13.5	-13.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	230	417	1.3	1.3	0.0	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	143	0.0	2.7	-2.7	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	85	0	1.9	0.0	1.9	
WR-SR						3.2	47.0	-43.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						7.9	
59		NEPAL						-5.8	
60		BANGLADESH						-14.9	