



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पावर 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: 28th 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., डोंगतेह, लोअर नॉग्रह, लापालंग, शिलॉंग - 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 27.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27 अप्रैल 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 27th 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

28-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44023	47417	38451	19619	2154	151664
Peak Shortage (MW)	1586	106	0	150	235	2077
Energy Met (MU)	980	1127	933	412	37	3488
Hydro Gen(MU)	220	47	56	51	12	387
Wind Gen(MU)	14	56	31	-----	-----	100
Solar Gen (MU)*	4.04	13.50	23.60	1.34	0.02	43
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46681	48982	40769	20422	2303	153870

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	0.089	0.01	3.44	24.00	27.45	64.10	8.45

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	5949	0	128.5	77.9	-0.8	158
	Haryana	7166	0	133.9	98.4	-2.1	141
	Rajasthan	8520	0	184.7	70.6	-0.2	242
	Delhi	4851	0	99.0	80.7	-0.9	269
	UP	16133	0	328.7	131.4	1.0	575
	Uttarakhand	1806	80	36.5	19.1	-0.1	133
	HP	1221	0	25.6	9.5	2.3	225
	J&K	1791	448	38.1	19.1	-0.6	191
WR	Chandigarh	245	0	5.0	5.2	-0.1	31
	Chhattisgarh	3994	0	89.2	32.2	-1.8	177
	Gujarat	14766	0	333.5	80.6	0.1	528
	MP	8284	0	181.9	102.5	-1.3	384
	Maharashtra	21430	0	477.6	152.6	1.7	979
	Goa	487	0	9.9	8.4	0.9	85
	DD	312	0	7.2	7.0	0.2	20
	DNH	764	0	17.4	16.4	1.1	66
SR	Essar steel	473	0	10.0	8.9	1.2	197
	Andhra Pradesh	7848	0	167.4	37.8	2.4	589
	Telangana	7507	0	158.1	66.0	-3.8	210
	Karnataka	9482	0	214.3	83.4	5.0	432
	Kerala	3676	0	74.6	59.8	0.0	263
	Tamil Nadu	15361	0	311.3	175.3	4.6	994
ER	Pondy	349	0	7.7	8.1	-0.4	17
	Bihar	4141	0	73.5	69.9	-2.0	250
	DVC	3202	0	66.9	-47.2	-2.2	200
	Jharkhand	1197	0	25.9	18.8	2.1	100
	Odisha	4261	0	88.2	20.9	-0.4	250
	West Bengal	8295	0	156.2	43.9	0.0	250
NER	Sikkim	67	0	1.1	1.0	0.1	12
	Arunachal Pradesh	82	1	1.9	2.2	-0.3	6
	Assam	1287	213	21.4	16.8	0.6	175
	Manipur	150	1	2.3	2.2	0.1	31
	Meghalaya	239	0	3.9	2.1	-1.2	131
	Mizoram	73	1	1.3	1.2	0.0	25
	Nagaland	111	1	2.4	2.0	0.1	7
Tripura	231	0	3.7	2.1	0.9	143	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.9	-8.3	-15.0
Day peak (MW)	315.5	-326.9	-648.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.8	-219.2	113.7	-80.4	4.3	4.2
Actual(MU)	169.6	-227.4	119.9	-72.2	3.5	-6.5
O/D/U/D(MU)	-16.2	-8.2	6.2	8.2	-0.8	-10.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4586	11331	3270	1100	690	20977
State Sector	13765	16420	8472	4715	110	43482
Total	18351	27751	11742	5815	799	64459

*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(वि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	28-Apr-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	300	0.0	9.8	-9.8	
2		SASARAM-FATEHPUR	S/C	0	68	1.9	0.0	1.9	
3	HVDC	GAYA-BALIA	S/C	0	445	0.0	5.6	-5.6	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	140	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	426	0.0	6.2	-6.2	
9		PATNA-BALIA	Q/C	0	868	0.0	14.9	-14.9	
10		BIHARSHARIFF-BALIA	D/C	0	264	0.0	3.4	-3.4	
11		BARH-GORAKHPUR	D/C	0	520	0.0	10.6	-10.6	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	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	0.7	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						2.6	59.5	-56.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	89	4.7	0.0	4.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	277	2.6	0.0	2.6	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	46	1.1	0.0	1.1	
21		JHARSUGUDA-RAIGARH	S/C	0	62	1.3	0.0	1.3	
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3	
23		STERLITE-RAIGARH	D/C	0	144	0.0	1.0	-1.0	
24	220 KV	RANCHI-SIPAT	D/C	0	20	3.9	0.0	3.9	
25		BUDHIPADAR-RAIGARH	S/C	0	98	0.0	0.8	-0.8	
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3	
ER-WR						17.1	1.8	15.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.4	-15.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	16.2	-16.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2313.1	0.0	48.6	-48.6	
30	400 KV	TALCHER-1C	D/C	0.0	222.3	8.2	0.2	7.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	80.2	-80.2	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	285	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	307	7.5	0.0	7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.7	0.0	1	
ER-NER						8.2	0.0	8.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	750	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	34.6	-34.6	
37		V'CHAL B/B	D/C	500	0	10.0	0.0	10.0	
38		APL -MHG	D/C	0	2517	0.0	51.7	-51.7	
39	765 KV	GWALIOR-AGRA	D/C	0	2794	0.0	45.9	-45.9	
40		PHAGI-GWALIOR	D/C	0	1244	0.0	23.2	-23.2	
41	400 KV	ZERDA-KANKROLI	S/C	354	0	5.9	0.0	5.9	
42		ZERDA -BHINMAL	S/C	347	84	5.0	0.0	5.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	208	0	1	-1	
45		BADOD-KOTA	S/C	48	69	0.1	0.3	-0.1	
46		BADOD-MORAK	S/C	0	96	0.0	0.8	-0.8	
47		MEHGAON-AURAIYA	S/C	65	0	0.8	0.0	0.8	
48	132KV	MALANPUR-AURAIYA	S/C	37	8	0.2	0.0	0.2	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						22.1	157.8	-135.7	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.5	-23.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2251	0.0	39.0	-39.0	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	506	55	4.9	0.0	4.9	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	84	0	1.8	0.0	1.8	
WR-SR						6.7	80.5	-73.7	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.9	
59		NEPAL						-8.3	
60		BANGLADESH						-15.0	