



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: 01st May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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 30.04.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 अप्रैल 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रीड निष्पादन रिपोर्ट रांभांप्रेंकें 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 30th 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

1-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	43354	43136	36145	16518	2282	141435
Peak Shortage (MW)	986	86	0	100	31	1203
Energy Met (MU)	947	1059	860	382	35	3284
Hydro Gen(MU)	226	20	31	52	10	340
Wind Gen(MU)	14	52	12	-----	-----	78
Solar Gen (MU)*	3.37	12.64	26.40	1.24	0.00	44
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45838	46366	37450	19522	2412	147826

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	0.038	0.00	0.27	4.48	4.75	75.60	19.65

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)
NR	Punjab	6025	0	124.2	84.4	-2.8	190
	Haryana	6799	0	119.6	91.5	-1.3	332
	Rajasthan	8526	186	186.1	73.5	4.0	433
	Delhi	4431	0	89.5	72.9	-1.5	210
	UP	16637	0	330.2	141.7	3.5	1081
	Uttarakhand	1665	0	33.0	14.0	-1.7	168
	HP	1084	0	21.4	9.2	-1.5	250
	J&K	1959	490	38.5	19.5	0.4	202
	Chandigarh	211	0	4.3	4.8	-0.5	17
	Chhattisgarh	3788	0	90.2	27.5	-1.5	149
WR	Gujarat	14141	0	323.5	73.7	1.9	450
	MP	7471	0	166.6	101.7	-1.1	378
	Maharashtra	20013	105	440.5	151.6	0.3	802
	Goa	430	0	8.8	8.5	-0.3	90
	DD	295	0	5.1	5.4	-0.3	178
	DNH	744	0	16.5	16.0	0.5	90
	Essar steel	422	0	7.8	6.1	1.7	213
	Andhra Pradesh	7318	0	155.4	30.5	1.2	631
	Telangana	6396	0	134.7	49.5	-3.1	441
	Karnataka	8240	0	183.6	76.3	4.6	410
SR	Kerala	3359	0	68.9	53.2	1.7	338
	Tamil Nadu	13418	0	310.2	171.2	1.8	673
	Pondy	339	0	7.4	7.8	-0.4	36
	Bihar	3541	0	71.8	65.8	0.4	325
	DVC	2973	0	66.3	-41.6	-0.7	345
	Jharkhand	1211	0	24.1	17.4	0.4	225
ER	Odisha	4124	0	83.7	27.6	1.6	365
	West Bengal	7943	0	135.8	34.3	-0.6	378
	Sikkim	57	0	0.9	1.0	-0.1	20
	Arunachal Pradesh	129	4	2.0	1.8	0.2	30
	Assam	1351	3	20.6	14.8	1.7	181
NER	Manipur	132	2	2.3	2.1	0.2	16
	Meghalaya	267	0	4.3	2.4	-0.7	66
	Mizoram	68	5	1.5	1.2	0.2	20
	Nagaland	121	2	1.9	2.0	-0.3	35
	Tripura	229	1	2.8	2.8	-1.0	63

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.9	-6.5	-14.8
Day peak (MW)	342.5	-308.9	-653.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.5	-193.4	76.2	-76.5	3.2	-1.0
Actual(MU)	182.4	-195.0	75.8	-70.6	2.4	-5.0
O/D/U/D(MU)	-7.1	-1.6	-0.4	5.9	-0.8	-4.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4596	12112	3270	1300	682	21960
State Sector	13415	18583	6852	5173	110	44133
Total	18011	30695	10122	6473	791	66093

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केंद्र(वि०प्र०)/

मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	1-May-17
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl 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 HVDC 400 KV 220 KV 132 KV	GAYA-VARANASI	D/C	0	361	0.0	9.3	-9.3	
2		SASARAM-FATEHPUR	S/C	0	148	2.4	0.0	2.4	
3		GAYA-BALIA	S/C	0	403	0.0	5.6	-5.6	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	148	0.0	0.0	0.0	
6		PUSAULI-VARANASI	S/C	0	143	0.0	0.6	-0.6	
7		PUSAULI -ALLAHABAD	S/C	0	39	1.2	0.0	1.2	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	584	0.0	7.0	-7.0	
9		PATNA-BALIA	Q/C	0	884	0.0	17.5	-17.5	
10		BIHARSHARIFF-BALIA	D/C	0	292	0.0	4.1	-4.1	
11		BARH-GORAKHPUR	D/C	0	536	0.0	11.1	-11.1	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.4	-1.4	
13		PUSAULI-SAHUPURI	S/C	0	232	0.0	4.6	-4.6	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
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						4.2	61.3	-57.2	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	357	0.0	0.8	-0.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	340	0.0	0.3	-0.3	
20		ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	71	0.6	0.0	0.6	
21		JHARSUGUDA-RAIGARH	S/C	0	15	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	121	0.0	1.1	-1.1	
24		RANCHI-SIPAT	D/C	0	61	3.2	0.0	3.2	
25		BUDHIPADAR-RAIGARH	S/C	0	139	0.0	1.5	-1.5	
26		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1	
ER-WR						9.6	3.7	5.8	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.4	-11.4	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	356.0	0.0	15.8	-15.8	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2400.4	0.0	44.1	-44.1	
30	400 KV	TALCHER-I/C	D/C	0.0	264.6	9.1	0.3	8.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	71.2	-71.2	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	333	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	355	8.1	0.0	8	
34		220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.0	0.0	1
ER-NER						9.1	0.0	9.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.4	0.0	11.4	
NER-NR						11.4	0.0	11.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.8	-34.8	
37		V'CHAL B/B	D/C	300	0	7.3	0.0	7.3	
38		APL -MHG	D/C	0	2516	0.0	47.6	-47.6	
39		765 KV	GWALIOR-AGRA	D/C	0	2758	0.0	47.8	-47.8
40			PHAGI-GWALIOR	D/C	0	1320	0.0	22.6	-22.6
41		400 KV	ZERDA-KANKROLI	S/C	289	0	4.5	0.0	4.5
42			ZERDA -BHINMAL	S/C	282	99	2.3	0.0	2.3
43			V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	386	0	3	-3	
45		220 KV	BADOD-KOTA	S/C	14	45	0.1	0.3	-0.2
46	BADOD-MORAK		S/C	0	70	0.0	0.8	-0.8	
47	MEHGAON-AURAIYA		S/C	37	0	0.5	0.0	0.5	
48	132KV	MALANPUR-AURAIYA	S/C	15	12	0.1	0.1	0.1	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.9	157.2	-142.3	
Import/Export of WR (With SR)									
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	18.6	-18.6	
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1536	0.0	19.1	-19.1	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	264	332	1.5	1.6	-0.1	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 KV	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						3.4	57.2	-53.8	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.9	
59		NEPAL						-6.5	
60		BANGLADESH						-14.8	