



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: 26th Apr 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, 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. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 25.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-अप्रैल-2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 25th Apr 2018, 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

26-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46203	47534	42753	20527	1550	158567
Peak Shortage (MW)	562	83	83	0	820	1547
Energy Met (MU)	1017	1165	986	439	36	3642
Hydro Gen(MU)	145	33	51	47	7	283
Wind Gen(MU)	20	65	43	-----	-----	128
Solar Gen (MU)*	20.41	22.50	58.02	0.89	0.03	102
Energy Shortage (MU)	12.6	0.0	0.0	0.0	4.5	17.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48089	50699	44201	20969	1789	161242

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	0.033	0.00	0.01	8.48	8.50	83.99	7.51

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	6048	0	130.1	50.3	0.4	117	0.0
	Haryana	7074	0	132.7	62.3	3.0	401	2.7
	Rajasthan	9276	0	201.9	55.2	3.3	578	0.5
	Delhi	4596	0	94.0	75.8	-2.4	129	0.1
	UP	16733	20	349.9	116.5	3.8	694	0.0
	Uttarakhand	1915	0	38.8	22.7	0.2	66	0.0
	HP	1336	0	24.9	13.8	0.2	118	0.0
	J&K	1907	477	39.8	31.7	-4.3	230	9.3
	Chandigarh	225	0	4.4	4.4	0.1	55	0.0
WR	Chhattisgarh	3778	0	87.1	17.3	-2.0	157	0.0
	Gujarat	15185	0	343.5	161.5	4.4	452	0.0
	MP	8553	0	188.7	96.4	-1.8	441	0.0
	Maharashtra	23794	0	507.5	147.5	1.8	405	0.0
	Goa	547	0	12.1	11.3	0.2	40	0.0
	DD	335	0	6.1	6.7	-0.6	91	0.0
	DNH	759	0	17.6	16.9	0.7	63	0.0
	Essar steel	172	0	2.7	2.3	0.4	164	0.0
	SR	Andhra Pradesh	8296	0	173.7	57.0	-0.6	596
Telangana		7748	0	167.7	58.0	-1.0	546	0.0
Karnataka		9516	0	209.3	68.5	-2.1	364	0.0
Kerala		3689	0	76.5	52.9	1.2	255	0.0
Tamil Nadu		15131	0	350.5	181.6	0.1	324	0.0
Pondy		381	0	8.1	8.5	-0.4	34	0.0
ER		Bihar	4626	0	90.0	87.0	0.5	412
	DVC	3112	0	70.4	-60.2	1.2	435	0.0
	Jharkhand	1233	0	24.7	17.5	1.5	165	0.0
	Odisha	4074	0	84.0	24.1	0.3	444	0.0
	West Bengal	8118	0	168.7	53.2	3.4	405	0.0
	Sikkim	98	0	1.4	1.6	-0.2	20	0.0
NER	Arunachal Pradesh	98	6	1.8	1.9	-0.1	45	0.3
	Assam	1031	90	20.8	17.3	1.7	75	3.4
	Manipur	165	11	2.1	2.4	-0.2	33	0.0
	Meghalaya	262	0	4.4	2.5	-0.1	44	0.0
	Mizoram	86	3	1.4	1.4	-0.1	32	0.0
	Nagaland	124	4	1.9	2.0	-0.2	25	0.0
	Tripura	207	9	3.1	3.5	-0.2	53	0.7

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-11.5	-14.2
Day peak (MW)	273.9	-504.8	-642.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	160.3	-196.9	85.8	-49.3	1.0	0.9
Actual(MU)	166.6	-205.5	78.2	-40.2	0.5	-0.3
O/D/U/D(MU)	6.3	-8.6	-7.6	9.1	-0.5	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6438	12603	5952	2100	155	27247
State Sector	8580	16617	3430	4485	50	33162
Total	15018	29220	9382	6585	204	60409

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	598	1177	669	455	10	2908
Hydro	145	33	52	47	7	284
Nuclear	23	31	46	0	0	100
Gas, Naptha & Diesel	36	58	20	0	22	136
RES (Wind, Solar, Biomass & Others)	70	87	139	2	0	298
Total	872	1386	926	503	39	3726

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES

Date of Reporting : **26-Apr-18**

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	GAYA-VARANASI	D/C	0	308	0.0	2.5	-2.5
2		SASARAM-FATEHPUR	S/C	131	66	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	491	0.0	8.2	-8.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	4	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	89	0	1.5	0.0	1.5
7		PUSAULI -ALLAHABAD	S/C	110	0	2.0	0.0	2.0
8		MUZAFFARPUR-GORAKHPUR	D/C	175	296	0.0	2.2	-2.2
9		PATNA-BALIA	Q/C	0	645	0.0	10.0	-10.0
10		BIHARSHARIFF-BALIA	D/C	0	228	0.0	3.4	-3.4
11		MOTIHARI-GORAKHPUR	D/C	0	208	0.0	3.6	-3.6
12		BIHARSHARIFF-VARANASI	D/C	109	449	0.3	0.0	0.3
13	220 kV	PUSAULI-SAHUPURI	S/C	0	196	0.0	3.7	-3.7
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	36	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						5.1	33.7	-28.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	477	0	8.3	0.0	8.3
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	633	0	11.3	0.0	11.3
20		JHARSUGUDA-RAIGARH	Q/C	511	0	8.5	0.0	8.5
21		RANCHI-SIPAT	D/C	329	0	4.9	0.0	4.9
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	120	0.0	1.5	-1.5
23		BUDHIPADAR-KORBA	D/C	235	0	4.3	0.0	4.3
ER-WR						37.3	1.5	35.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1110.8	0.0	17.8	-17.8
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	216.1	0.0	13.6	-13.6
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2249.5	0.0	43.9	-43.9
27	400 kV	TALCHER-I/C	D/C	0.0	1025.9	0.0	17.5	-17.5
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	75.3	-75.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1023	0.0	7.6	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	824	0.0	7.4	-7
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	137	0.0	2.4	-2
ER-NER						0.0	17.4	-17.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.1	-17.1
NER-NR						0.0	17.1	-17.1
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	854	0.0	35.8	-35.8
34		V'CHAL B/B	D/C	50	200	0.6	2.3	-1.7
35		APL -MHG	D/C	0	671	0.0	3.9	-3.9
36	765 kV	GWALIOR-AGRA	D/C	0	1824	0.0	38.7	-38.7
37		PHAGI-GWALIOR	D/C	0	1704	0.0	33.6	-33.6
38		JABALPUR-ORAI	D/C	0	853	0.0	15.2	-15.2
39		GWALIOR-ORAI	S/C	438	0	8.4	0.0	8.4
40	400 kV	SATNA-ORAI	S/C	0	1769	0.0	41.7	-41.7
41		ZERDA-KANKROLI	S/C	384	0	7.3	0.0	7.3
42		ZERDA -BHINMAL	S/C	448	0	6.2	0.0	6.2
43		V'CHAL -RIHAND	S/C	977	0	22.5	0.0	22.5
44		RAPP-SHUJALPUR	D/C	0	207	0	1	-1
45		BADOD-KOTA	S/C	88	0	1.3	0.0	1.3
46		BADOD-MORAK	S/C	40	13	0.3	0.0	0.3
47	220 kV	MEHGAON-AURAIYA	S/C	169	0	3.3	0.0	3.3
48		MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						49.9	172.3	-122.4
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.7	-22.7
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	408	1094	0.0	8.6	-8.6
53		WARDHA-NIZAMABAD	D/C	0	1787	0.0	22.9	-22.9
54		KOLHAPUR-KUDGI	D/C	488	7	5.5	0.0	5.5
55	400 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	100	0	2.2	0.0	2.2
WR-SR						7.7	54.3	-46.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.0
59		NEPAL						-11.5
60		BANGLADESH						-14.2