



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: 12th 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., डोंगतिह, 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 11.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11th 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

12-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38543	46252	43609	18856	2208	149468
Peak Shortage (MW)	860	34	0	0	210	1104
Energy Met (MU)	814	1122	1015	389	39	3380
Hydro Gen(MU)	119	14	70	37	6	246
Wind Gen(MU)	15	40	27	-----	-----	82
Solar Gen (MU)*	14.57	18.81	54.59	0.84	0.02	89
Energy Shortage (MU)	10.0	0.0	0.0	0.0	1.7	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	39476	50905	45323	18890	2282	151159

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	0.048	0.00	0.47	13.88	14.35	80.81	4.84

C. Power Supply Position in States

Region/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	4946	0	100.6	50.9	-0.8	322	0.0
	Haryana	5775	0	106.1	46.4	0.1	375	0.0
	Rajasthan	8266	0	176.4	57.3	-0.6	693	0.0
	Delhi	3888	0	80.9	63.1	-2.0	48	0.0
	UP	13049	0	253.6	81.3	-1.2	558	0.0
	Uttarakhand	1577	0	30.8	16.9	0.1	162	0.0
	HP	1255	0	24.1	16.0	-0.3	98	0.0
	J&K	2022	490	37.9	31.6	-3.5	187	9.9
WR	Chandigarh	183	0	3.7	4.1	-0.4	4	0.0
	Chhattisgarh	3711	0	88.7	15.9	1.4	392	0.0
	Gujarat	15406	0	347.6	174.8	4.9	414	0.0
	MP	7736	0	174.7	78.1	-3.5	385	0.0
	Maharashtra	22423	0	469.3	155.1	-3.2	299	0.0
	Goa	532	0	11.1	10.6	-0.1	50	0.0
	DD	328	0	7.5	6.6	0.8	59	0.0
	DNH	768	0	18.0	17.2	0.9	68	0.0
SR	Essar steel	275	0	5.2	5.4	-0.3	159	0.0
	Andhra Pradesh	8407	0	182.5	72.7	1.1	441	0.0
	Telangana	8136	0	179.4	76.5	-1.1	539	0.0
	Karnataka	10114	0	228.8	93.1	0.1	501	0.0
	Kerala	3860	0	77.8	57.2	1.1	190	0.0
	Tamil Nadu	15202	0	339.3	183.1	2.3	642	0.0
ER	Pondy	375	0	7.8	8.2	-0.4	29	0.0
	Bihar	3917	0	74.2	72.1	-0.7	150	0.0
	DVC	3008	0	65.9	-54.0	-1.7	500	0.0
	Jharkhand	986	0	21.7	13.1	-1.0	50	0.0
	Odisha	4160	0	77.7	25.5	-0.3	200	0.0
	West Bengal	7711	0	147.5	30.2	0.9	300	0.0
NER	Sikkim	99	0	1.6	1.6	0.1	20	0.0
	Arunachal Pradesh	114	4	2.1	1.6	0.5	52	0.0
	Assam	1353	143	22.7	18.4	0.9	161	1.6
	Manipur	142	14	2.1	2.5	-0.3	21	0.0
	Meghalaya	271	2	4.7	2.6	-0.1	41	0.0
	Mizoram	85	3	1.4	1.3	0.1	9	0.0
NER	Nagaland	118	6	2.1	2.0	0.0	46	0.0
	Tripura	243	9	3.7	3.4	0.2	33	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.0	-8.3	-3.4
Day peak (MW)	139.8	-498.6	-181.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	146.6	-182.3	118.4	-92.0	9.1	-0.3
Actual(MU)	141.4	-176.5	123.9	-93.9	8.6	3.5
O/D/U/D(MU)	-5.1	5.8	5.5	-1.9	-0.5	3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5693	12721	5862	770	288	25334
State Sector	9165	16412	6090	4625	50	36342
Total	14858	29133	11952	5395	338	61675

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	465	1171	653	463	8	2759
Hydro	119	14	72	37	6	248
Nuclear	26	30	46	0	0	101
Gas, Naptha & Diesel	32	52	22	0	21	127
RES (Wind, Solar, Biomass & Others)	58	59	117	2	0	236
Total	699	1326	910	502	35	3472

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	12-Apr-18
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765kV	GAYA-VARANASI	D/C	0	428	0.0	5.9	-5.9	
2		SASARAM-FATEHPUR	S/C	65	146	0.0	1.4	-1.4	
3		GAYA-BALIA	S/C	0	516	0.0	7.4	-7.4	
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	58	25	0.6	0.0	0.6	
7		PUSAULI -ALLAHABAD	S/C	75	36	0.8	0.0	0.8	
8		MUZAFFARPUR-GORAKHPUR	D/C	37	495	0.0	5.5	-5.5	
9		PATNA-BALIA	Q/C	0	781	0.0	10.0	-10.0	
10		BIHARSHARIFF-BALIA	D/C	7	289	0.0	5.3	-5.3	
11		MOTIHARI-GORAKHPUR	D/C	0	182	0.0	2.9	-2.9	
12		BIHARSHARIFF-VARANASI	D/C	29	308	0.0	2.3	-2.3	
13	220 kV	PUSAULI-SAHUPURI	S/C	0	186	0.0	3.5	-3.5	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	36	0	0.9	0.0	0.9	
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						2.2	44.1	-41.8	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	927	0	12.8	0.0	12.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	159	508	0.0	3.8	-3.8	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	257	229	0.7	0.3	0.4	
21		RANCHI-SIPAT	D/C	185	98	1.2	0.0	1.2	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	126	0.0	1.8	-1.8	
23		BUDHIPADAR-KORBA	D/C	272	0	4.3	0.0	4.3	
ER-WR						19.1	5.9	13.2	
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1712.8	0.0	31.5	-31.5	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	15.7	-15.7	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2276.3	0.0	52.8	-52.8	
27	400 kV	TALCHER-I/C	D/C	0.0	753.5	0.0	8.3	-8.3	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	100.0	-100.0	
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	791	0.0	3.1	-3	
30		ALIPURDUAR-BONGAIGAON	D/C	0	651	0.0	2.8	-3	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2	
ER-NER						0.0	7.7	-7.7	
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0	
NER-NR						0.0	0.0	0.0	
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1624	0.0	44.2	-44.2	
34		V'CHAL B/B	D/C	250	250	3.5	1.0	2.5	
35		APL -MHG	D/C	0	307	0.0	8.1	-8.1	
36	765 kV	GWALIOR-AGRA	D/C	0	2050	0.0	31.3	-31.3	
37		PHAGI-GWALIOR	D/C	0	1404	0.0	25.7	-25.7	
38		JABALPUR-ORAI	D/C	0	705	0.0	5.0	-5.0	
39		GWALIOR-ORAI	S/C	737	0	12.8	0.0	12.8	
40		SATNA-ORAI	S/C	0	1494	0.0	33.9	-33.9	
41	400 kV	ZERDA-KANKROLI	S/C	460	0	9.2	0.0	9.2	
42		ZERDA -BHINMAL	S/C	411	0	7.3	0.0	7.3	
43		V'CHAL -RIHAND	S/C	976	0	13.1	0.0	13.1	
44		RAPP-SHUALPUR	D/C	0	244	0	1	-1	
45	220 kV	BADOD-KOTA	S/C	103	85	1.3	0.0	1.3	
46		BADOD-MORAK	S/C	61	26	0.5	0.0	0.5	
47		MEHGAON-AURAIYA	S/C	69	0	1.0	0.0	1.0	
48		MALANPUR-AURAIYA	S/C	50	10	0.6	0.0	0.6	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						49.3	150.6	-101.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1681	0.0	19.2	-19.2	
53		WARDHA-NIZAMABAD	D/C	0	2108	0.0	31.6	-31.6	
54	400 kV	KOLHAPUR-KUDGI	D/C	578	0	6.9	0.0	6.9	
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	100	0	2.2	0.0	2.2	
WR-SR						9.1	74.8	-65.7	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						2.0	
59		NEPAL						-8.3	
60		BANGLADESH						-3.4	