



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: 07th 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 06.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-Apr-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 06th 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

7-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	35531	46798	43987	19542	2360	148218
Peak Shortage (MW)	490	0	0	0	97	587
Energy Met (MU)	896	1147	1016	404	41	3503
Hydro Gen(MU)	105	24	77	29	7	242
Wind Gen(MU)	9	53	20	-----	-----	82
Solar Gen (MU)*	13.00	17.93	45.00	0.78	0.01	77
Energy Shortage (MU)	12.6	2.3	0.0	0.0	0.8	15.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40777	49775	45874	20134	2305	151012

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	0.055	0.06	0.76	15.72	16.54	75.72	7.74

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	5541	0	122.5	51.4	-0.1	168	0.0
	Haryana	5284	283	104.8	45.5	0.4	700	2.6
	Rajasthan	8681	0	179.1	48.1	2.0	880	0.0
	Delhi	4318	0	85.9	67.6	-1.5	378	0.1
	UP	14335	0	296.2	95.2	-1.7	634	0.0
	Uttarakhand	1730	0	35.8	26.6	0.7	315	0.0
	HP	1361	0	25.6	16.9	2.0	287	0.0
	J&K	2017	504	41.9	32.7	-0.5	410	9.9
WR	Chandigarh	199	0	4.1	3.9	0.2	289	0.0
	Chhattisgarh	3589	0	85.7	16.2	-1.3	171	0.0
	Gujarat	15377	0	346.4	156.2	3.8	373	2.3
	MP	8644	0	186.0	80.8	-2.6	428	0.0
	Maharashtra	21938	0	488.1	152.0	-1.2	536	0.0
	Goa	501	0	11.7	10.2	0.8	51	0.0
	DD	334	0	7.4	7.0	0.4	45	0.0
	DNH	755	0	17.6	17.0	0.6	62	0.0
SR	Essar steel	341	0	6.2	6.1	0.1	212	0.0
	Andhra Pradesh	8252	0	177.4	50.7	0.7	312	0.0
	Telangana	8796	0	180.1	94.7	-4.4	425	0.0
	Karnataka	10688	0	230.8	83.2	-0.3	474	0.0
	Kerala	3808	0	80.1	49.6	1.6	273	0.0
	Tamil Nadu	15194	0	340.1	184.9	2.5	368	0.0
ER	Pondy	369	0	7.9	8.1	-0.2	46	0.0
	Bihar	4524	0	77.6	74.2	0.3	220	0.0
	DVC	2830	0	64.5	-46.4	1.9	225	0.0
	Jharkhand	1193	0	24.3	15.1	1.0	100	0.0
	Odisha	3608	0	74.8	24.9	0.1	225	0.0
	West Bengal	8327	0	160.9	30.5	0.8	225	0.0
NER	Sikkim	98	0	1.6	1.4	0.1	15	0.0
	Arunachal Pradesh	112	2	2.0	1.6	0.5	65	0.0
	Assam	1454	51	25.1	20.5	2.2	95	0.6
	Manipur	167	2	2.2	2.3	-0.1	24	0.0
	Meghalaya	264	0	4.6	2.5	-0.2	45	0.0
	Mizoram	73	2	1.3	1.1	0.1	10	0.0
NER	Nagaland	121	4	1.8	1.7	0.0	30	0.0
	Tripura	240	5	3.5	2.7	-0.2	50	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.5	-10.7	-14.1
Day peak (MW)	121.5	-291.7	-620.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	149.6	-173.2	96.0	-81.6	8.6	-0.6
Actual(MU)	143.3	-171.1	90.0	-72.0	8.9	-0.9
O/D/U/D(MU)	-6.4	2.0	-6.0	9.7	0.3	-0.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5693	12771	5102	1040	410	25016
State Sector	9320	16017	4950	4875	50	35212
Total	15013	28788	10052	5915	460	60227

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	553	1154	694	472	10	2882
Hydro	105	24	78	29	7	243
Nuclear	28	29	46	0	0	104
Gas, Naptha & Diesel	32	64	22	0	19	137
RES (Wind, Solar, Biomass & Others)	49	71	104	2	0	225
Total	768	1342	944	503	35	3592

*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 : 7-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	380	0.0	5.5	-5.5
2		SASARAM-FATEHPUR	S/C	0	159	0.0	1.5	-1.5
3		GAYA-BALIA	S/C	0	434	0.0	7.3	-7.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	0	9	0.7	0.0	0.7
7		PUSAULI -ALLAHABAD	S/C	0	19	0.9	0.0	0.9
8		MUZAFFARPUR-GORAKHPUR	D/C	0	479	0.0	6.6	-6.6
9		PATNA-BALIA	Q/C	0	893	0.0	13.0	-13.0
10		BIHARSHARIFF-BALIA	D/C	0	267	0.0	5.7	-5.7
11		MOTHARI-GORAKHPUR	D/C	0	287	0.0	5.5	-5.5
12		BIHARSHARIFF-VARANASI	D/C	0	237	0.0	1.7	-1.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	195	0.0	3.0	-3.0
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0
ER-NR						2.1	49.6	-47.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.4	0.0	12.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	268	0.9	0.0	0.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	272	0.8	0.0	0.8
21		RANCHI-SIPAT	D/C	0	8	2.0	0.0	2.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	153	0.0	2.4	-2.4
23		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
ER-WR						19.4	2.4	17.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	24.5	-24.5
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	15.0	-15.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2272.0	0.0	46.8	-46.8
27	400 kV	TALCHER-I/C	D/C	0.0	439.5	3.5	1.8	1.7
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	86.2	-86.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	511	0.6	0.0	1
30		ALIPURDUAR-BONGAIGAON	D/C	0	439	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.1	-1
ER-NER						4.5	1.1	3.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	490	0	11.5	0.0	11.5
NER-NR						11.5	0.0	11.5
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	44	1185	0.0	45.2	-45.2
34		V'CHAL B/B	D/C	250	250	0.5	4.4	-3.9
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2352	0.0	41.3	-41.3
37		PHAGI-GWALIOR	D/C	0	1022	0.0	17.4	-17.4
38		JABALPUR-ORAI	D/C	0	600	0.0	5.5	-5.5
39		GWALIOR-ORAI	S/C	775	0	13.8	0.0	13.8
40		SATNA-ORAI	S/C	0	1629	0.0	35.5	-35.5
41	400 kV	ZERDA-KANKROLI	S/C	432	0	6.8	0.0	6.8
42		ZERDA -BHINMAL	S/C	479	0	5.1	0.0	5.1
43		V'CHAL -RIHAND	S/C	967	0	21.1	0.0	21.1
44		RAPP-SHUALPUR	D/C	46	371	0	3	-3
45	220 kV	BADOD-KOTA	S/C	84	24	0.4	0.2	0.2
46		BADOD-MORAK	S/C	43	44	0.1	0.5	-0.4
47		MEHGAON-AURAIYA	S/C	66	28	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	38	32	0.4	0.1	0.4
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						49.1	160.4	-111.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	293	1297	0.0	9.8	-9.8
53		WARDHA-NIZAMABAD	D/C	0	2099	0.0	30.0	-30.0
54	400 kV	KOLHAPUR-KUDGI	D/C	826	0	13.3	0.0	13.3
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	0	0	0.0	0.0	0.0
WR-SR						13.3	63.7	-50.4
TRANSNATIONAL EXCHANGE								
58		BHUTAN						0.5
59		NEPAL						-10.7
60		BANGLADESH						-14.1