



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: 04th 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 03.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 03rd 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

4-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42837	46864	44086	19362	2338	155488
Peak Shortage (MW)	785	80	0	0	92	958
Energy Met (MU)	921	1140	1004	390	40	3495
Hydro Gen(MU)	108	43	73	30	7	261
Wind Gen(MU)	16	35	20	-----	-----	71
Solar Gen (MU)*	10.40	20.86	54.62	0.87	0.02	87
Energy Shortage (MU)	9.9	0.7	0.0	0.0	0.8	11.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44739	50171	44774	19825	2339	158932

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	0.094	0.00	1.53	33.94	35.46	60.53	4.00

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	5485	0	123.9	53.4	-0.7	86	0.0
	Haryana	5990	0	116.2	43.8	2.0	252	0.1
	Rajasthan	8684	0	184.1	45.7	-0.8	341	0.0
	Delhi	4024	0	83.0	67.1	0.0	135	0.0
	UP	15566	375	310.6	103.5	0.0	359	0.0
	Uttarakhand	1793	0	35.4	27.3	-0.2	89	0.0
	HP	1331	0	25.1	16.5	1.1	292	0.6
	J&K	2101	525	38.5	29.7	0.4	397	9.2
WR	Chandigarh	197	0	3.9	3.8	0.0	28	0.0
	Chhattisgarh	3784	0	84.8	24.4	0.0	254	0.7
	Gujarat	15158	0	339.4	165.4	3.0	280	0.0
	MP	8612	0	183.6	85.9	4.2	608	0.0
	Maharashtra	22369	0	488.2	147.7	2.3	513	0.0
	Goa	522	0	11.8	11.9	-0.8	42	0.0
	DD	317	0	7.0	6.7	0.4	73	0.0
	DNH	748	0	17.4	16.1	1.3	106	0.0
SR	Essar steel	388	0	7.3	7.0	0.4	190	0.0
	Andhra Pradesh	8022	0	173.6	52.1	-2.2	293	0.0
	Telangana	9132	0	198.2	96.6	2.0	334	0.0
	Karnataka	9960	0	214.6	79.8	-2.6	245	0.0
	Kerala	3598	0	74.2	51.1	1.0	205	0.0
	Tamil Nadu	14873	0	335.8	166.8	2.9	358	0.0
ER	Pondy	374	0	7.9	8.3	-0.3	41	0.0
	Bihar	4503	0	82.5	76.8	1.2	230	0.0
	DVC	2826	0	64.2	-54.5	1.2	320	0.0
	Jharkhand	1157	0	22.9	13.7	0.6	135	0.0
	Odisha	3812	0	73.5	28.9	-3.4	120	0.0
	West Bengal	7887	0	145.8	26.7	0.6	220	0.0
NER	Sikkim	97	0	1.2	1.3	-0.2	16	0.0
	Arunachal Pradesh	117	2	2.1	1.5	0.6	65	0.0
	Assam	1435	43	23.8	19.8	1.7	95	0.6
	Manipur	172	3	2.2	2.4	-0.2	24	0.0
	Meghalaya	276	0	4.8	2.3	-0.1	45	0.0
	Mizoram	71	2	1.4	1.1	0.1	10	0.0
NER	Nagaland	120	3	2.0	1.8	0.1	30	0.0
	Tripura	239	2	3.7	2.9	0.3	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.6	-11.2	-14.5
Day peak (MW)	121.1	-553.0	-655.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	155.0	-163.3	92.0	-88.9	6.2	1.0
Actual(MU)	143.5	-159.4	88.7	-87.7	7.7	-7.2
O/D/U/D(MU)	-11.5	3.9	-3.3	1.2	1.5	-8.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5570	13411	6502	1270	542	27295
State Sector	6720	17337	4610	4675	50	33392
Total	12290	30748	11112	5945	592	60687

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	568	1128	674	470	11	2852
Hydro	108	43	75	30	7	262
Nuclear	33	29	46	0	0	108
Gas, Naptha & Diesel	28	60	22	0	18	129
RES (Wind, Solar, Biomass & Others)	55	56	110	2	0	224
Total	792	1316	928	502	36	3574

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 4-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	391	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	199	0.0	1.7	-1.7
3		GAYA-BALIA	S/C	0	453	0.0	8.2	-8.2
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	29	0.5	0.0	0.5
7		PUSAULI -ALLAHABAD	S/C	0	41	0.6	0.0	0.6
8		MUZAFFARPUR-GORAKHPUR	D/C	0	499	0.0	7.0	-7.0
9		PATNA-BALIA	Q/C	0	830	0.0	16.4	-16.4
10		BIHARSHARIFF-BALIA	D/C	0	248	0.0	5.7	-5.7
11		MOTHARI-GORAKHPUR	D/C	0	290	0.0	5.0	-5.0
12		BIHARSHARIFF-VARANASI	D/C	0	215	0.0	2.7	-2.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	185	0.0	3.3	-3.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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						1.7	56.9	-55.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	2.4	0.0	2.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	449	0.0	2.1	-2.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	101	4.0	0.0	4.0
21		RANCHI-SIPAT	D/C	0	87	1.5	0.0	1.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	97	0.0	1.1	-1.1
23		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
ER-WR						10.7	3.2	7.6
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.0	-29.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	456.2	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2534.3	0.0	45.5	-45.5
27	400 kV	TALCHER-I/C	D/C	0.0	147.8	5.9	1.7	4.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	89.4	-89.4
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	272	1.8	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	257	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.0	-1
ER-NER						5.7	1.0	4.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	489	0	11.2	0.0	11.2
NER-NR						11.2	0.0	11.2
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	873	0.0	34.1	-34.1
34		V'CHAL B/B	D/C	0	250	0.0	5.1	-5.1
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2360	0.0	44.2	-44.2
37		PHAGI-GWALIOR	D/C	480	1160	0.0	21.0	-21.0
38		JABALPUR-ORAI	D/C	0	663	0.0	7.3	-7.3
39		GWALIOR-ORAI	S/C	688	0	13.3	0.0	13.3
40		SATNA-ORAI	S/C	0	1597	0.0	36.2	-36.2
41	400 kV	ZERDA-KANKROLI	S/C	444	0	8.3	0.0	8.3
42		ZERDA -BHINMAL	S/C	395	0	7.1	0.0	7.1
43		V'CHAL -RIHAND	S/C	963	0	22.6	0.0	22.6
44		RAPP-SHUALPUR	D/C	0	243	0	1	-1
45	220 kV	BADOD-KOTA	S/C	108	11	1.1	0.0	1.1
46		BADOD-MORAK	S/C	60	37	0.4	0.2	0.2
47		MEHGAON-AURAIYA	S/C	71	0	1.1	0.0	1.1
48	132kV	MALANPUR-AURAIYA	S/C	42	0	0.5	0.0	0.5
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						54.4	156.8	-102.4
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	429	758	0.0	4.7	-4.7
53		WARDHA-NIZAMABAD	D/C	0	1885	0.0	30.8	-30.8
54	400 kV	KOLHAPUR-KUDGI	D/C	527	0	7.7	0.0	7.7
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	107	0	2.2	0.0	2.2
WR-SR						9.9	59.5	-49.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						0.6
59		NEPAL						-11.2
60		BANGLADESH						-14.5