



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 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 31.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31-Mar-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 31st Mar 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

1-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39729	45295	43733	17912	2260	148929
Peak Shortage (MW)	834	0	0	89	103	1026
Energy Met (MU)	850	1130	1030	375	35	3419
Hydro Gen(MU)	88	21	56	24	7	196
Wind Gen(MU)	12	74	48	-----	-----	135
Solar Gen (MU)*	7.04	21.46	50.87	0.82	0.01	80
Energy Shortage (MU)	9.5	0.0	0.0	0.3	1.6	11.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42023	50038	45776	18405	2237	152299

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	0.030	0.00	0.00	1.09	1.09	75.07	23.84

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	5531	0	117.0	34.6	0.5	106	0.0
	Haryana	6158	0	115.8	45.2	1.6	223	0.0
	Rajasthan	8655	0	174.9	44.2	0.3	533	0.0
	Delhi	3564	0	73.7	60.4	-2.0	76	0.0
	UP	14246	395	262.3	95.0	1.7	691	0.0
	Uttarakhand	1865	0	36.2	28.8	0.0	68	0.0
	HP	1396	0	26.0	19.9	0.2	180	0.0
	J&K	1923	481	40.1	37.6	-2.3	119	9.5
WR	Chandigarh	177	0	3.4	3.2	0.2	41	0.0
	Chhattisgarh	3652	0	87.3	19.5	-0.2	145	0.0
	Gujarat	15187	0	337.7	177.7	3.1	614	0.0
	MP	8462	0	177.3	67.7	-1.8	349	0.0
	Maharashtra	22338	0	480.1	152.1	-4.3	441	0.0
	Goa	519	0	10.5	10.0	-0.3	29	0.0
	DD	303	0	6.9	6.5	0.4	69	0.0
	DNH	746	0	17.4	16.7	0.7	79	0.0
SR	Essar steel	607	0	12.8	14.3	-1.5	90	0.0
	Andhra Pradesh	8379	0	175.5	53.1	1.3	350	0.0
	Telangana	9602	0	219.1	104.3	0.3	296	0.0
	Karnataka	9798	0	219.2	80.9	0.1	340	0.0
	Kerala	3683	0	76.3	55.9	1.5	189	0.0
	Tamil Nadu	14436	0	331.8	169.1	0.9	499	0.0
ER	Pondy	364	0	7.9	8.3	-0.4	44	0.0
	Bihar	3985	0	61.3	55.9	-3.5	180	0.0
	DVC	3018	0	69.0	-59.7	0.0	250	0.0
	Jharkhand	1161	0	23.3	14.0	0.7	200	0.3
	Odisha	3795	0	76.4	33.8	-0.7	130	0.0
	West Bengal	7048	0	143.2	32.6	4.6	270	0.0
NER	Sikkim	95	0	1.6	1.0	0.6	15	0.0
	Arunachal Pradesh	108	5	2.2	1.7	0.5	65	0.0
	Assam	1390	70	20.2	17.8	0.3	95	1.0
	Manipur	150	3	1.8	2.3	-0.5	24	0.1
	Meghalaya	312	1	4.7	3.6	-0.4	45	0.0
	Mizoram	78	2	1.5	1.3	-0.1	10	0.0
NER	Nagaland	114	3	1.9	2.1	-0.3	30	0.0
	Tripura	188	15	2.5	1.7	-0.4	50	0.4

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-7.8	-7.5
Day peak (MW)	128.9	-337.5	-611.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	150.6	-204.7	122.4	-73.6	4.6	-0.7
Actual(MU)	157.8	-217.6	121.8	-66.7	2.7	-2.0
O/D/U/D(MU)	7.2	-12.9	-0.6	6.9	-1.9	-1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5070	11666	5902	1580	270	24488
State Sector	8520	17513	3590	3715	50	33388
Total	13590	29179	9492	5295	319	57876

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	518	1154	655	439	7	2773
Hydro	88	21	58	24	7	197
Nuclear	32	26	47	0	0	105
Gas, Naptha & Diesel	26	53	22	0	21	122
RES (Wind, Solar, Biomass & Others)	49	95	140	2	0	285
Total	712	1350	921	464	35	3482

*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(ग्रिड०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 1-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	442	0.0	8.0	-8.0
2		SASARAM-FATEHPUR	S/C	0	205	0.0	2.9	-2.9
3		GAYA-BALIA	S/C	0	481	0.0	8.5	-8.5
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	31	0.3	0.0	0.3
7		PUSAULI -ALLAHABAD	S/C	0	64	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	435	0.0	6.3	-6.3
9		PATNA-BALIA	Q/C	0	748	0.0	11.7	-11.7
10		BIHARSHARIFF-BALIA	D/C	0	259	0.0	6.3	-6.3
11		MOTHARI-GORAKHPUR	D/C	0	295	0.0	5.0	-5.0
12		BIHARSHARIFF-VARANASI	D/C	0	360	0.0	2.8	-2.8
13		220 kV	PUSAULI-SAHUPURI	S/C	0	173	0.0	2.8
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-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.7	54.4	-53.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	18.0	0.0	18.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	159	4.9	0.0	4.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	15.1	0.0	15.1
21		RANCHI-SIPAT	D/C	0	0	2.5	0.0	2.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	64	0.0	0.1	-0.1
23		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9
ER-WR						44.4	0.1	44.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.5	-29.5
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	333.4	0.0	15.1	-15.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2269.8	0.0	51.4	-51.4
27	400 kV	TALCHER-I/C	D/C	0.0	1096.5	0.0	6.7	-6.7
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	96.0	-96.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1095	0.0	3.2	-3
30		ALIPURDUAR-BONGAIGAON	D/C	0	881	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
ER-NER						3.9	4.7	-0.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	3.6	-3.6
NER-NR						0.0	3.6	-3.6
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	648	0.0	0.3	-0.3
34		V'CHAL B/B	D/C	0	250	0.0	6.0	-6.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2568	0.0	50.7	-50.7
37		PHAGI-GWALIOR	D/C	478	1360	0.0	27.3	-27.3
38		JABALPUR-ORAI	D/C	0	736	0.0	13.2	-13.2
39		GWALIOR-ORAI	S/C	773	0	16.2	0.0	16.2
40		SATNA-ORAI	S/C	0	1551	0.0	36.3	-36.3
41	400 kV	ZERDA-KANKROLI	S/C	453	0	7.2	0.0	7.2
42		ZERDA -BHINMAL	S/C	447	0	6.6	0.0	6.6
43		V'CHAL -RIHAND	S/C	959	0	21.2	0.0	21.2
44		RAPP-SHUALPUR	D/C	0	297	0	2	-2
45	220 kV	BADOD-KOTA	S/C	70	32	0.3	0.2	0.1
46		BADOD-MORAK	S/C	30	43	0.1	0.5	-0.4
47		MEHGAON-AURAIYA	S/C	78	0	0.8	0.0	0.8
48	132kV	MALANPUR-AURAIYA	S/C	48	9	0.3	0.0	0.3
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						52.7	144.2	-91.5
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	1275	0.0	13.7	-13.7
53		WARDHA-NIZAMABAD	D/C	0	2210	0.0	41.7	-41.7
54	400 kV	KOLHAPUR-KUDGI	D/C	359	71	4.7	0.0	4.7
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						6.9	79.4	-72.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.5
59		NEPAL						-7.8
60		BANGLADESH						-7.5