



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: 28th 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 27.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27th 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 28-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	46959	47985	42463	19323	2382	159112
Peak Shortage (MW)	1037	24	0	0	110	1170
Energy Met (MU)	1060	1170	1011	394	41	3675
Hydro Gen(MU)	160	38	64	39	8	309
Wind Gen(MU)	21	48	30	-----	-----	100
Solar Gen (MU)*	19.44	20.02	58.18	0.83	0.02	98
Energy Shortage (MU)	13.8	0.0	0.0	0.0	1.3	15.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48565	51178	44097	19523	2416	161315

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	0.070	0.00	1.96	18.90	20.86	73.03	6.11

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	6609	0	141.9	64.7	-1.1	142	0.0
	Haryana	7004	217	143.7	69.8	3.1	314	1.9
	Rajasthan	9748	0	208.2	65.4	1.2	613	0.5
	Delhi	5094	0	103.9	80.3	-0.2	150	0.0
	UP	16220	50	344.6	110.4	4.2	885	1.0
	Uttarakhand	2080	0	43.4	22.6	4.5	108	0.0
	HP	1372	0	25.8	12.6	1.3	166	0.0
	J&K	2161	540	43.7	29.9	0.1	364	10.3
WR	Chandigarh	252	0	4.9	4.8	0.1	25	0.0
	Chhattisgarh	3753	0	87.8	15.9	-1.0	70	0.0
	Gujarat	15707	0	352.3	177.1	9.1	680	0.0
	MP	8535	0	190.1	84.9	-1.4	322	0.0
	Maharashtra	22413	0	499.8	142.4	1.8	543	0.0
	Goa	578	0	12.3	11.1	0.5	60	0.0
	DD	333	0	7.5	7.0	0.5	77	0.0
	DNH	736	0	17.5	16.9	0.6	48	0.0
SR	Essar steel	130	0	2.2	2.3	-0.1	111	0.0
	Andhra Pradesh	8567	0	182.8	52.4	-1.1	375	0.0
	Telangana	7474	0	165.1	61.1	-1.9	259	0.0
	Karnataka	10225	0	225.7	78.0	-1.1	344	0.0
	Kerala	3640	0	76.2	49.9	1.2	194	0.0
	Tamil Nadu	15411	0	352.7	187.4	1.0	506	0.0
ER	Pondy	381	0	8.3	8.5	-0.2	45	0.0
	Bihar	4518	0	81.3	79.3	-1.5	100	0.0
	DVC	2965	0	71.3	-61.8	0.5	240	0.0
	Jharkhand	1132	0	24.0	18.7	-0.5	94	0.0
	Odisha	3866	0	79.3	27.7	-2.2	217	0.0
	West Bengal	7645	0	136.5	33.5	2.8	309	0.0
NER	Sikkim	98	0	1.4	1.3	0.1	16	0.0
	Arunachal Pradesh	109	4	2.1	1.8	0.2	45	0.0
	Assam	1449	111	24.3	19.3	0.7	75	1.0
	Manipur	167	3	2.0	2.3	-0.3	33	0.0
	Meghalaya	292	3	4.7	2.5	-0.1	44	0.0
	Mizoram	92	4	1.5	1.4	-0.3	32	0.1
NER	Nagaland	121	4	2.3	2.1	0.1	25	0.0
	Tripura	222	9	3.7	3.0	0.0	53	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-9.5	-13.4
Day peak (MW)	163.9	-535.4	-644.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	168.2	-177.0	86.6	-79.0	1.3	0.0
Actual(MU)	174.0	-172.1	73.2	-81.9	0.5	-6.3
O/D/U/D(MU)	5.9	4.9	-13.4	-2.9	-0.8	-6.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5658	14923	5952	1545	156	28234
State Sector	7920	15791	4060	4695	50	32516
Total	13578	30714	10012	6240	206	60749

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	598	1173	689	458	11	2928
Hydro	153	38	65	39	8	303
Nuclear	23	31	46	0	0	100
Gas, Naptha & Diesel	40	56	22	0	25	143
RES (Wind, Solar, Biomass & Others)	67	68	128	1	0	265
Total	881	1366	950	498	44	3739

*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 : 28-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	252	0.0	7.9	-7.9
2		SASARAM-FATEHPUR	S/C	84	100	0.0	0.7	-0.7
3		GAYA-BALIA	S/C	0	423	0.0	7.2	-7.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	98	0	1.6	0.0	1.6
7		PUSAULI -ALLAHABAD	S/C	113	5	1.5	0.0	1.5
8		MUZAFFARPUR-GORAKHPUR	D/C	99	338	0.0	2.6	-2.6
9		PATNA-BALIA	Q/C	0	687	0.0	11.6	-11.6
10		BIHARSHARIFF-BALIA	D/C	0	254	0.0	3.6	-3.6
11		MOTIHARI-GORAKHPUR	D/C	0	222	0.0	3.8	-3.8
12		BIHARSHARIFF-VARANASI	D/C	52	466	0.0	0.9	-0.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	193	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	10	0	0.5	0.0	0.5
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						3.5	41.9	-38.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	144	218	0.7	0.0	0.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	344	195	2.1	0.0	2.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	532	75	4.7	0.0	4.7
21		RANCHI-SIPAT	D/C	471	0	3.2	0.0	3.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	1.2	-1.2
23		BUDHIPADAR-KORBA	D/C	272	0	4.3	0.0	4.3
ER-WR						15.1	1.2	13.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1259.8	0.0	23.3	-23.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	284.3	0.0	13.1	-13.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1894.9	0.0	47.7	-47.7
27	400 kV	TALCHER-I/C	D/C	0.0	1118.2	0.0	18.8	-18.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	84.1	-84.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1124	0.0	7.6	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	906	0.0	7.3	-7
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	183	0.0	2.9	-3
ER-NER						0.0	17.8	-17.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	699	0.0	16.6	-16.6
NER-NR						0.0	16.6	-16.6
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1099	0.0	47.7	-47.7
34		V'CHAL B/B	D/C	250	250	2.7	2.5	0.2
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	1696	0.0	31.9	-31.9
37		PHAGI-GWALIOR	D/C	0	1536	0.0	33.4	-33.4
38		JABALPUR-ORAI	D/C	0	713	0.0	11.0	-11.0
39		GWALIOR-ORAI	S/C	384	0	8.0	0.0	8.0
40		SATNA-ORAI	S/C	0	1731	0.0	38.4	-38.4
41	400 kV	ZERDA-KANKROLI	S/C	430	0	8.8	0.0	8.8
42		ZERDA -BHINMAL	S/C	445	0	7.4	0.0	7.4
43		V'CHAL -RIHAND	S/C	960	0	22.2	0.0	22.2
44		RAPP-SHUALPUR	D/C	0	196	0	1	-1
45	220 kV	BADOD-KOTA	S/C	63	7	0.6	0.0	0.6
46		BADOD-MORAK	S/C	22	37	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	171	0	3.4	0.0	3.4
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						53.2	173.9	-120.8
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	497	1034	0.0	3.4	-3.4
53		WARDHA-NIZAMABAD	D/C	0	1757	0.0	20.0	-20.0
54	400 kV	KOLHAPUR-KUDGI	D/C	530	0	7.0	0.0	7.0
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						9.2	47.3	-38.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.9
59		NEPAL						-9.5
60		BANGLADESH						-13.4