



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: 08th June 2018

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, 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. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 07.06.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-जून 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 07th June 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

8-Jun-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53175	46120	39166	20920	2653	162035
Peak Shortage (MW)	1151	113	0	0	130	1394
Energy Met (MU)	1259	1109	831	467	49	3715
Hydro Gen (MU)	316	18	33	88	18	472
Wind Gen (MU)	33	118	149	-----	-----	300
Solar Gen (MU)*	19.46	17.16	45.77	0.52	0.02	83
Energy Shortage (MU)	17.2	0.0	0.0	0.0	1.6	18.8
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	57271 22:16	49793 15:26	40503 19:39	22006 22:50	2666 19:28	167271 20:36

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	0.056	0.01	1.82	14.27	16.10	77.78	6.12

C. Power Supply Position in States

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	7687	0	173.0	96.9	-0.3	97	0.0
	Haryana	7965	38	177.3	120.7	1.4	253	0.0
	Rajasthan	11160	0	246.4	74.2	6.3	678	6.3
	Delhi	6492	0	131.0	105.2	-2.4	109	0.0
	UP	18138	0	405.5	175.1	-1.2	253	0.0
	Uttarakhand	2115	0	45.5	18.2	2.5	314	0.5
	HP	1421	0	28.4	3.3	2.2	263	0.0
	J&K	2156	539	43.8	19.3	-0.3	217	10.3
WR	Chandigarh	326	0	6.3	6.6	-0.3	26	0.0
	Chhattisgarh	3538	0	79.4	21.0	-1.3	385	0.0
	Gujarat	17275	0	367.6	134.5	1.7	489	0.0
	MP	8131	0	181.5	73.7	-2.2	442	0.0
	Maharashtra	19213	0	437.3	136.1	-4.6	439	0.0
	Goa	496	0	10.6	9.9	0.1	26	0.0
	DD	340	0	7.7	7.2	0.6	53	0.0
	DNH	789	0	18.5	18.3	0.2	34	0.0
SR	Essar steel	354	0	6.6	6.5	0.1	158	0.0
	Andhra Pradesh	7301	0	157.9	32.2	0.3	590	0.0
	Telangana	7304	0	135.2	61.4	-2.0	439	0.0
	Karnataka	7864	0	160.2	53.7	-1.6	400	0.0
	Kerala	3277	0	67.4	53.3	0.3	144	0.0
	Tamil Nadu	14094	0	302.6	94.7	-1.4	541	0.0
	Pondy	365	0	7.6	8.0	-0.5	23	0.0
	Bihar	4819	0	94.3	96.3	-3.2	50	0.0
ER	DVC	3038	0	70.1	-45.7	3.4	400	0.0
	Jharkhand	1209	0	25.0	19.4	-0.4	50	0.0
	Odisha	4733	0	97.1	45.0	1.6	300	0.0
	West Bengal	8866	0	179.4	55.5	4.2	350	0.0
	Sikkim	82	0	1.1	1.5	-0.4	5	0.0
NER	Arunachal Pradesh	107	8	2.1	2.2	-0.1	30	0.0
	Assam	1675	92	30.9	26.3	0.5	146	1.4
	Manipur	168	4	2.3	2.3	0.0	24	0.0
	Meghalaya	293	6	5.2	2.1	-0.2	26	0.0
	Mizoram	90	3	1.5	1.0	0.3	18	0.0
	Nagaland	123	4	2.3	1.8	0.3	18	0.0
	Tripura	274	2	4.2	4.4	0.3	79	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	13.4	-8.0	-13.7
Day peak (MW)	711.2	-488.9	-675.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	259.6	-274.7	47.0	-59.5	5.6	-22.0
Actual(MU)	255.5	-253.1	26.1	-52.4	4.6	-19.3
O/D/U/D(MU)	-4.1	21.6	-20.9	7.1	-1.0	2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5268	11604	8312	1350	226	26760
State Sector	7995	16280	5973	6105	50	36403
Total	13263	27884	14285	7455	275	63163

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	581	1136	502	456	9	2684
Hydro	316	18	34	88	17	473
Nuclear	31	28	46	0	0	105
Gas, Naptha & Diesel	33	51	7	0	21	112
RES (Wind, Solar, Biomass & Others)	66	135	227	1	0	430
Total	1027	1368	816	545	48	3804

Share of RES in total generation (%)	6.47	9.87	27.85	0.20	0.09	11.30
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	40.22	13.25	37.62	16.29	36.60	26.49

H. Diversity Factor

All India Demand Diversity Factor	1.030
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Diversity factor = Sum of regional maximum demands / All India maximum demand

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिष्कारण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(सि०प्र०)/

अध्यक्ष एवं प्रबंध निदेशक(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	8-Jun-18
Sl 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	9	280	0.0	4.0	-4.0	
2		SASARAM-FATEHPUR	S/C	183	0	1.4	0.0	1.4	
3		GAYA-BALIA	S/C	0	481	0.0	9.3	-9.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	12.1	-12.1	
5		PUSAULI B/B	S/C	0	49	0.0	1.1	-1.1	
6	400 kV	PUSAULI-VARANASI	S/C	0	103	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	44	9	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	31	409	0.0	4.8	-4.8	
9		PATNA-BALIA	Q/C	0	692	0.0	12.4	-12.4	
10		BIHARSHARIFF-BALIA	D/C	0	327	0.0	5.7	-5.7	
11		MOTIHARI-GORAKHPUR	D/C	5	203	0.0	3.6	-3.6	
12	BIHARSHARIFF-VARANASI	D/C	339	24	0.1	0.0	0.1		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	197	0.0	4.2	-4.2	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	35	0	0.4	0.0	0.4	
16		KARMANASA-SAHUPURI	S/C	0	37	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						1.8	57.2	-55.4	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	904	0	15.8	0.0	15.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	721	0	7.8	0.0	7.8	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	1058	0	14.5	0.0	14.5	
21		RANCHI-SIPAT	D/C	374	0	6.5	0.0	6.5	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	139	7	1.4	0.0	1.4	
23		BUDHIPADAR-KORBA	D/C	147	0	2.7	0.0	2.7	
ER-WR						48.8	0.0	48.8	
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1460.8	0.0	22.8	-22.8	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	580.5	0.0	13.5	-13.5	
26		LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1971.6	0.0	34.3	-34.3
27	400 kV	TALCHER-I/C	D/C	785.5	0.9	0.3	15.7	-15.4	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	70.6	-70.6	
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	471	0.0	8.7	-9	
30		ALIPURDUAR-BONGAIGAON	D/C	17	222	0.0	2.8	-3	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	109	0.0	3.3	-3	
ER-NER						0.0	14.8	-14.8	
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	9.9	-9.9	
NER-NR						0.0	9.9	-9.9	
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1628	0.0	58.2	-58.2	
34		V'CHAL B/B	D/C	250	0	0.0	6.0	-6.0	
35		APL -MHG	D/C	0	2518	0.0	55.5	-55.5	
36	765 kV	GWALIOR-AGRA	D/C	0	1620	0.0	30.4	-30.4	
37		PHAGI-GWALIOR	D/C	0	595	0.0	24.5	-24.5	
38		JABALPUR-ORAI	D/C	0	1085	0.0	14.5	-14.5	
39		GWALIOR-ORAI	S/C	0	1969	7.8	0.0	7.8	
40	400 kV	SATNA-ORAI	S/C	404	0	0.0	42.8	-42.8	
41		ZERDA-KANKROLI	S/C	478	0	7.1	0.0	7.1	
42		ZERDA -BHINMAL	S/C	468	0	5.3	0.0	5.3	
43		V'CHAL -RIHAND	S/C	950	0	21.8	0.0	21.8	
44	RAPP-SHUJALPUR	D/C	0	254	0	2	-2		
45	220 kV	BADOD-KOTA	S/C	58	24	0.4	0.1	0.3	
46		BADOD-MORAK	S/C	1	61	0.0	0.8	-0.8	
47		MEHGAON-AURAIYA	S/C	12	20	0.0	0.3	-0.3	
48		MALANPUR-AURAIYA	S/C	0	49	0.0	0.8	-0.8	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						42.4	235.7	-193.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	0	0.0	0.0	0.0	
51		LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	1060	757	0.0	6.0	-6.0	
53		WARDHA-NIZAMABAD	D/C	0	1690	0.0	24.2	-24.2	
54	400 kV	KOLHAPUR-KUDGI	D/C	968	0	18.0	0.0	18.0	
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	109	0	2.1	0.0	2.1	
WR-SR						20.1	30.2	-10.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						13.4	
59		NEPAL						-8.0	
60		BANGLADESH						-13.7	