



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: 26th 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 नॉग्रह , लापलंग, शिल्लोंग - 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 25.06.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-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 25th 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

26-Jun-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	57795	43726	39629	18221	2607	161978
Peak Shortage (MW)	485	85	17	0	123	709
Energy Met (MU)	1394	1027	893	409	48	3771
Hydro Gen (MU)	278	10	48	79	25	439
Wind Gen (MU)	24	119	189	-----	-----	331
Solar Gen (MU)*	15.27	12.67	53.60	0.66	0.08	82
Energy Shortage (MU)	14.5	0.0	0.0	0.0	1.2	15.7
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	61256 14:40	45197 11:36	40197 19:21	19638 20:55	2628 20:22	165133 21:22

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	0.022	0.00	0.00	1.54	1.54	84.43	14.03

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	11766	0	268.7	136.6	-1.0	109	0.0	
	Har yana	9783	305	213.5	138.2	2.2	362	0.7	
	Rajasthan	10013	0	219.9	57.5	-1.6	268	0.0	
	Delhi	6750	0	136.3	106.7	-0.7	187	0.1	
	UP	19193	0	431.6	193.9	0.4	350	1.8	
	Uttarakhand	2103	0	45.2	19.6	2.2	300	1.6	
	HP	1423	0	28.8	7.8	2.4	428	0.0	
	J&K	2048	512	43.5	20.0	-1.8	174	10.3	
	Chandigarh	341	0	6.6	6.3	0.3	74	0.0	
	WR	Chhattisgarh	3702	0	87.9	20.6	0.2	424	0.0
Gujarat		14497	0	325.4	91.5	13.7	532	0.0	
MP		7436	0	170.0	70.0	-0.5	492	0.0	
Maharashtra		17970	0	400.1	97.8	-2.8	543	0.0	
Goa		414	0	9.0	8.2	0.1	36	0.0	
DD		309	0	6.9	6.4	0.6	21	0.0	
DNH		731	0	16.9	16.7	0.2	59	0.0	
Essar steel		525	0	11.2	10.8	0.4	359	0.0	
SR		Andhra Pradesh	7958	0	178.0	16.4	0.9	441	0.0
		Telangana	7152	0	148.7	56.9	0.8	475	0.0
	Karnataka	8630	0	173.7	45.8	-2.3	485	0.0	
	Kerala	3220	0	63.5	38.1	0.9	240	0.0	
	Tamil Nadu	14666	0	320.8	115.4	2.1	546	0.0	
	Pondy	372	0	7.9	8.0	-0.1	48	0.0	
ER	Bihar	4468	0	87.4	86.4	-1.4	40	0.0	
	DVC	2815	0	63.5	-44.5	-0.2	200	0.0	
	Jharkhand	918	0	19.8	16.4	-1.3	150	0.0	
	Odisha	4619	0	90.2	49.3	3.8	350	0.0	
	West Bengal	7509	0	146.7	38.2	1.4	300	0.0	
Sikkim	85	0	1.1	1.3	-0.2	10	0.0		
NER	Arunachal Pradesh	125	4	2.1	2.4	-0.4	15	0.0	
	Assam	1694	84	30.5	22.8	1.5	176	1.1	
	Manipur	155	6	2.2	2.6	-0.4	13	0.0	
	Meghalaya	301	0	5.4	-0.7	0.4	140	0.0	
	Mizoram	91	5	1.6	1.0	-0.1	9	0.0	
	Nagaland	119	4	2.1	2.1	-0.2	29	0.0	
	Tripura	254	2	4.0	3.8	-0.2	44	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	16.6	-7.0	-14.8
Day peak (MW)	768.4	-388.2	-655.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	309.6	-251.3	30.7	-83.7	-1.1	4.2
Actual(MU)	313.2	-267.1	40.8	-79.9	-3.7	3.3
O/D/U/D(MU)	3.5	-15.9	10.1	3.8	-2.6	-0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3982	14501	10182	250	120	29034
State Sector	3475	15760	6890	5815	50	31990
Total	7457	30261	17072	6065	169	61024

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	703	1079	490	433	8	2712
Hydro	278	9	50	79	25	441
Nuclear	26	29	46	0	0	102
Gas, Naptha & Diesel	45	42	14	0	22	123
RES (Wind, Solar, Biomass & Others)	52	131	279	1	0	463
Total	1103	1292	878	513	55	3841

Share of RES in total generation (%)	4.68	10.17	31.80	0.19	0.17	12.06
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	32.28	13.19	42.70	15.61	45.32	26.20

H. Diversity Factor

All India Demand Diversity Factor	1.023
-----------------------------------	-------

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-के०वि०आ०(पि०प्र०)/

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

महाप्रबंधक (रा० भा० प्र० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	26-Jun-18
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET for NET (MU)	
Import/Export of ER (With NR)									
1	765kV	GAYA-VARANASI	D/C	0	689	0.0	12.4	-12.4	
2		SASARAM-FATEHPUR	S/C	295	202	0.0	0.7	-0.7	
3		GAYA-BALIA	S/C	0	634	0.0	11.6	-11.6	
4	HVDC	ALIPURDUAR-AGRA	-	435	119	0.0	7.1	-7.1	
5		PUSAULI B/B	S/C	0	378	0.0	4.0	-4.0	
6	400 kV	PUSAULI-VARANASI	S/C	0	278	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	2	170	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	827	0.0	13.8	-13.8	
9		PATNA-BALIA	Q/C	0	1044	0.0	19.7	-19.7	
10		BIHARSHARIFF-BALIA	D/C	0	593	0.0	12.3	-12.3	
11		MOTIHARI-GORAKHPUR	D/C	7	171	0.0	2.4	-2.4	
12	220 kV	BIHARSHARIFF-VARANASI	D/C	789	27	0.0	3.8	-3.8	
13		PUSAULI-SAHUPURI	S/C	2	222	0.0	3.2	-3.2	
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		132 kV	GARWAH-RIHAND	S/C	35	0	0.3	0.0	0.3
16			KARMANASA-SAHUPURI	S/C	0	36	0.4	0.0	0.4
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						0.7	91.0	-90.3	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	828	1	13.3	0.0	13.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	703	0	11.0	0.0	11.0	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	1130	0	20.0	0.0	20.0	
21		RANCHI-SIPAT	D/C	341	0	4.7	0.0	4.7	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	89	37	0.9	0.0	0.9	
23		BUDHIPADAR-KORBA	D/C	175	0	3.3	0.0	3.3	
ER-WR						53.0	0.0	53.0	
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1117.8	0.0	11.6	-11.6	
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	723.7	0.0	14.8	-14.8	
26		TALCHER-KOLAR BIPOLE	D/C	0.0	1975.2	0.0	35.5	-35.5	
27	400 kV	TALCHER-I/C	D/C	1355.4	0.8	0.0	11.3	-11.3	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	61.9	-61.9	
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	167	636	0.0	5.7	-6	
30		ALIPURDUAR-BONGAIGAON	D/C	232	512	0.0	2.4	-2	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	147	0.0	1.5	-1	
ER-NER						0.0	9.5	-9.5	
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	15.2	-15.2	
NER-NR						0.0	15.2	-15.2	
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	5	1500	0.0	35.5	-35.5	
34		V'CHAL B/B	D/C	250	250	2.5	1.2	1.2	
35		APL -MHG	D/C	0	2442	0.0	55.2	-55.2	
36	765 kV	GWALIOR-AGRA	D/C	0	2820	0.0	60.4	-60.4	
37		PHAGI-GWALIOR	D/C	0	1370	0.0	29.8	-29.8	
38		JABALPUR-ORAI	D/C	0	1521	0.0	29.1	-29.1	
39		GWALIOR-ORAI	S/C	0	1923	10.6	0.0	10.6	
40		SATNA-ORAI	S/C	950	0	0.0	43.9	-43.9	
41		ZERDA-KANKROLI	S/C	381	0	5.9	0.0	5.9	
42	400 kV	ZERDA -BHINMAL	S/C	338	0	4.9	0.0	4.9	
43		V'CHAL -RIHAND	S/C	958	0	22.4	0.0	22.4	
44		RAPP-SHUJALPUR	D/C	4	284	0	2	-2	
45	220 kV	BADOD-KOTA	S/C	69	28	0.4	0.1	0.3	
46		BADOD-MORAK	S/C	12	54	0.0	0.7	-0.7	
47		MEHGAON-AURAIYA	S/C	23	42	0.0	0.6	-0.6	
48		MALANPUR-AURAIYA	S/C	0	60	0.0	0.2	-0.2	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						46.7	258.7	-212.1	
Import/Export of WR (With SR)									
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	12.2	-12.2	
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 kV	SOLAPUR-RAICHUR	D/C	1781	585	8.1	0.0	8.1	
53		WARDHA-NIZAMABAD	D/C	0	1375	0.0	8.6	-8.6	
54	400 kV	KOLHAPUR-KUDGI	D/C	1038	0	15.5	0.0	15.5	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 kV	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						25.7	20.8	4.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						16.6	
59		NEPAL						-7.0	
60		BANGLADESH						-14.8	