



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: 13<sup>th</sup> August 2018

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
- 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
- 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
- कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 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 12.08.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-अगस्त-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 12<sup>th</sup> August 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

13-Aug-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	52122	45500	36132	20229	2564	156547
Peak Shortage (MW)	1129	0	0	200	147	1476
Energy Met (MU)	1190	1070	801	451	50	3562
Hydro Gen (MU)	333	16	122	93	23	587
Wind Gen (MU)	49	153	219	-----	-----	422
Solar Gen (MU)*	16.59	12.2	27.65	0.53	0.02	57
Energy Shortage (MU)	8.9	0.0	0.0	0.6	1.1	10.6
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	55769 00:11	47112 09:40	36206 19:33	21052 00:04	2631 19:40	159472 19:53

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	0.020	0.00	0.00	1.92	1.92	82.91	15.17

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	9979	0	230.1	138.0	-0.6	124	0.0	
	Haryana	8469	0	177.8	135.1	1.3	356	0.0	
	Rajasthan	10612	0	232.6	49.0	2.2	384	0.0	
	Delhi	5591	0	110.4	91.8	0.3	210	0.1	
	UP	16848	0	337.4	175.7	0.5	475	0.0	
	Uttarakhand	1782	0	35.5	17.6	-0.4	190	0.0	
	HP	1198	0	25.0	-2.8	0.3	286	0.0	
	J&K	2077	519	36.8	16.9	-4.8	111	8.8	
	Chandigarh	250	0	4.9	6.5	-1.6	0	0.0	
	WR	Chhattisgarh	3617	0	84.5	17.1	-2.8	574	0.0
Gujarat		15103	0	336.4	68.1	1.2	815	0.0	
MP		8006	0	179.2	67.0	-1.4	286	0.0	
Maharashtra		19297	0	425.6	116.6	-0.6	550	0.0	
Goa		423	0	9.5	8.5	0.3	123	0.0	
DD		306	0	7.1	6.1	1.0	91	0.0	
DNH		763	0	18.0	17.1	0.9	69	0.0	
Essar steel		544	0	9.3	9.2	0.1	274	0.0	
SR		Andhra Pradesh	6746	0	154.7	3.7	-0.1	481	0.0
		Telangana	7105	0	143.2	72.8	0.3	483	0.0
	Karnataka	8067	0	161.9	39.4	-0.1	490	0.0	
	Kerala	2997	0	57.3	19.1	-1.1	122	0.0	
	Tamil Nadu	12539	0	277.0	73.8	-1.9	498	0.0	
	Pondy	322	0	7.0	7.2	-0.2	37	0.0	
	ER	Bihar	4576	0	90.8	89.0	-0.2	225	0.0
DVC		2936	0	67.7	-26.2	3.0	250	0.6	
Jharkhand		1129	0	24.3	18.8	-0.3	85	0.0	
Odisha		4960	0	101.3	55.3	3.0	225	0.0	
West Bengal		8106	0	166.4	62.3	3.1	250	0.0	
Sikkim		71	0	0.9	1.3	-0.4	15	0.0	
NER	Arunachal Pradesh	117	1	2.3	2.6	-0.3	0	0.0	
	Assam	1673	96	31.0	24.7	1.4	185	1.0	
	Manipur	161	1	2.5	2.4	0.0	21	0.0	
	Meghalaya	283	0	5.6	1.0	-0.1	25	0.0	
	Mizoram	82	1	1.4	1.0	0.1	11	0.0	
	Nagaland	118	3	2.3	1.8	0.1	26	0.0	
	Tripura	255	2	4.6	4.7	0.7	49	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.0	-5.4	-15.3
Day peak (MW)	1559.7	-40.2	-683.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	228.3	-235.1	25.3	-17.4	-0.3	0.8
Actual(MU)	217.3	-235.1	18.4	4.9	0.2	5.6
O/D/U/D(MU)	-11.0	0.0	-7.0	22.3	0.5	4.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3480	16563	10012	2065	328	32449
State Sector	7965	14601	11760	7245	50	41620
Total	11445	31164	21772	9310	378	74069

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	540	1065	338	381	4	2328
Hydro	333	16	122	93	23	587
Nuclear	27	27	24	0	0	78
Gas, Naptha & Diesel	18	42	24	0	26	110
RES (Wind, Solar, Biomass & Others)	80	166	284	1	0	530
Total	997	1316	793	474	53	3633

Share of RES in total generation (%)	7.99	12.57	35.84	0.11	0.05	14.58
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	44.05	15.85	54.32	19.78	43.59	32.90

H. Diversity Factor

All India Demand Diversity Factor	1.021
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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.