



**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: 27<sup>th</sup> July 2019

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, 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. मुख्य महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006  
Chief General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यकारी निदेशक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

**Sub: Daily PSP Report for the date 26.07.2019.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-जुलाई-2019 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 26<sup>th</sup> July 2019, 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-Jul-19

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53510	46532	40533	20340	2654	163569
Peak Shortage (MW)	522	0	0	0	204	726
Energy Met (MU)	1233	1111	923	439	51	3758
Hydro Gen (MU)	327	16	36	114	30	523
Wind Gen (MU)	60	161	144	-----	-----	365
Solar Gen (MU)*	17.73	16	60.93	1.88	0.03	97
Energy Shortage (MU)	9.0	0.0	0.0	0.0	1.5	10.5
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	57529 00:12	49861 10:22	40018 07:35	21807 20:51	2729 19:23	163746 20:19

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	0.037	0.00	0.00	3.01	3.01	67.41	29.58

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	11106	0	229.6	135.3	-1.9	62	0.0
	Haryana	8536	0	183.2	143.0	0.4	289	0.0
	Rajasthan	10105	0	219.3	42.6	-4.0	330	0.0
	Delhi	5632	0	115.2	97.7	-1.9	68	0.2
	UP	18325	0	372.2	173.9	-2.4	845	0.0
	Uttarakhand	1847	0	40.7	16.0	-1.1	115	0.0
	HP	1450	0	29.5	2.2	-0.3	132	0.0
	J&K	2124	531	37.0	17.1	0.6	323	8.8
WR	Chandigarh	297	0	6.0	7.0	-1.0	-15	0.0
	Chhattisgarh	4358	0	100.1	42.7	-1.9	226	0.0
	Gujarat	15500	0	346.8	70.3	-0.4	952	0.0
	MP	8725	0	197.9	98.2	-2.8	502	0.0
	Maharashtra	18822	0	423.8	107.5	-1.3	439	0.0
	Goa	541	0	11.3	11.0	-0.3	38	0.0
	DD	336	0	7.1	6.7	0.4	80	0.0
	DNH	816	0	19.0	19.2	-0.2	57	0.0
SR	Essar steel	324	0	5.7	5.7	0.0	317	0.0
	Andhra Pradesh	7673	0	174.1	26.6	0.3	548	0.0
	Telangana	9468	0	199.0	106.7	0.6	780	0.0
	Karnataka	8625	0	163.7	52.2	-0.4	854	0.0
	Kerala	3395	0	65.7	51.9	2.2	280	0.0
	Tamil Nadu	14226	0	312.5	130.6	0.5	580	0.0
	Pondy	402	0	8.5	8.8	-0.3	28	0.0
	ER	Bihar	5072	0	90.6	88.1	-1.5	150
DVC		2808	0	63.7	-37.5	-0.5	200	0.0
Jharkhand		1124	0	22.7	14.8	-0.5	80	0.0
Odisha		4029	0	86.9	42.9	1.0	250	0.0
West Bengal		8356	0	174.5	77.6	2.8	270	0.0
NER	Sikkim	82	0	0.9	1.2	-0.3	15	0.0
	Arunachal Pradesh	128	2	2.3	2.4	-0.1	57	0.0
	Assam	1710	126	31.7	25.5	0.5	148	1.5
	Manipur	174	1	2.6	2.3	0.3	21	0.0
	Meghalaya	320	0	5.6	-1.2	0.3	69	0.0
	Mizoram	84	2	1.9	1.0	0.1	45	0.0
	Nagaland	122	3	2.3	2.1	0.0	32	0.0
	Tripura	252	23	4.7	4.8	-0.3	76	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	43.2	-2.7	-26.5
Day peak (MW)	1947.5	-284.0	-1119.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	260.8	-232.0	21.9	-35.5	-14.6	0.5
Actual(MU)	228.7	-247.1	62.7	-31.6	-10.8	1.9
O/D/U/D(MU)	-32.2	-15.1	40.8	3.9	3.8	1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4339	16691	5902	2300	82	29314
State Sector	7755	14532	8060	4830	50	35227
Total	12094	31223	13962	7130	131	64540

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	536	1082	481	381	10	2490
Lignite	15	14	42	0	0	71
Hydro	327	16	36	114	30	523
Nuclear	27	31	60	0	0	118
Gas, Naptha & Diesel	27	47	13	0	28	116
RES (Wind, Solar, Biomass & Others)	91	185	236	2	0	514
Total	1024	1374	868	497	68	3832

Share of RES in total generation (%)	8.84	13.49	27.22	0.38	0.04	13.42
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	43.46	16.89	38.21	23.34	43.68	30.14

H. Diversity Factor

All India Demand Diversity Factor	1.050
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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.