



**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: 26<sup>th</sup> May 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 25.05.2019.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-मई-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 25<sup>th</sup> May 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-May-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)	52169	51165	42508	18162	2376	166380
Peak Shortage (MW)	553	0	0	0	148	701
Energy Met (MU)	1175	1248	1009	443	42	3918
Hydro Gen (MU)	267	40	52	72	18	450
Wind Gen (MU)	7	65	97	-----	-----	168
Solar Gen (MU)*	29.24	23.21	88.22	2.30	0.03	143
Energy Shortage (MU)	10.7	0.0	0.0	0.0	4.3	15.1
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	55256 23:25	55627 15:45	44913 14:59	21572 00:32	2471 18:51	172293 23:14

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	0.048	0.00	0.51	6.41	6.92	65.03	28.04

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	6723	0	142.4	73.6	-2.0	96	0.0
	Haryana	7544	0	156.0	110.8	-0.2	171	0.0
	Rajasthan	10667	0	238.8	64.7	2.3	559	0.0
	Delhi	5037	0	109.2	85.9	0.0	177	0.0
	UP	20397	170	406.1	179.8	-0.2	585	0.0
	Uttarakhand	2091	0	44.6	19.3	0.2	143	0.0
	HP	1456	0	29.1	6.7	1.7	215	0.0
	J&K	2340	585	44.6	25.7	-1.9	229	10.7
WR	Chandigarh	214	0	4.6	5.4	-0.8	-13	0.0
	Chhattisgarh	4013	0	92.1	39.9	-1.3	297	0.0
	Gujarat	17408	0	384.8	105.8	4.8	580	0.0
	MP	9788	0	223.5	126.6	0.0	468	0.0
	Maharashtra	22249	0	503.3	131.8	-0.8	903	0.0
	Goa	541	0	12.4	10.4	1.4	142	0.0
	DD	329	0	6.1	7.1	-1.0	45	0.0
	DNH	760	0	17.9	18.1	-0.2	66	0.0
SR	Essar steel	437	0	7.8	8.9	-1.2	231	0.0
	Andhra Pradesh	9605	0	201.0	70.3	0.3	577	0.0
	Telangana	8012	0	172.6	61.7	2.0	995	0.0
	Karnataka	10175	0	194.1	52.1	0.4	824	0.0
	Kerala	4010	0	81.2	56.6	1.6	310	0.0
	Tamil Nadu	15097	0	351.6	161.3	-0.2	688	0.0
	Pondy	409	0	9.0	9.1	-0.1	50	0.0
	ER	Bihar	5233	0	102.3	97.4	-0.2	250
DVC		3129	0	67.0	-39.4	0.3	300	0.0
Jharkhand		1077	0	26.0	21.8	-1.4	75	0.0
Odisha		4391	0	91.0	38.1	1.7	450	0.0
West Bengal		8327	0	155.6	51.2	-2.9	350	0.0
NER	Sikkim	92	0	1.2	1.3	-0.2	20	0.0
	Arunachal Pradesh	132	1	2.3	2.3	0.0	55	0.0
	Assam	1501	86	25.0	20.6	0.8	155	3.3
	Manipur	157	2	2.3	2.0	0.3	47	0.0
	Meghalaya	299	0	5.1	2.3	0.1	29	0.3
	Mizoram	85	0	1.6	1.4	0.1	11	0.0
	Nagaland	128	2	2.4	2.1	0.2	23	0.0
Tripura	231	1	3.6	3.3	-0.9	43	0.7	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.9	-7.8	-23.4
Day peak (MW)	572.3	-463.0	-1104.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	203.4	-255.6	77.9	-22.8	-3.0	0.0
Actual(MU)	207.4	-242.9	88.8	-44.4	-3.7	5.2
O/D/U/D(MU)	4.0	12.7	10.9	-21.6	-0.7	5.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4783	12219	6262	1395	535	25194
State Sector	7050	12512	6280	3010	50	28902
Total	11833	24731	12542	4405	585	54096

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	575	1276	545	450	4	2851
Lignite	22	15	52	0	0	89
Hydro	267	40	52	72	18	450
Nuclear	27	31	58	0	0	116
Gas, Naptha & Diesel	45	49	9	0	28	130
RES (Wind, Solar, Biomass & Others)	56	93	216	2	0	368
Total	993	1504	932	524	50	4003

Share of RES in total generation (%)	5.66	6.21	23.16	0.45	0.06	9.19
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	35.35	10.90	35.00	14.26	35.87	23.33

H. Diversity Factor

All India Demand Diversity Factor	1.044
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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.

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 26-May-19

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	103	207	0.0	0.4	-0.4
2		SASARAM-FATEHPUR	S/C	49	233	0.0	1.8	-1.8
3		GAYA-BALIA	S/C	0	298	0.0	4.6	-4.6
4	HVDC	ALIPURDUAR-AGRA	-	0	501	0.0	12.1	-12.1
5		PUSAULI B/B	S/C	0	49	0.0	1.3	-1.3
6	400 kV	PUSAULI-VARANASI	S/C	0	87	0.0	1.4	-1.4
7		PUSAULI -ALLAHABAD	S/C	25	26	0.3	0.0	0.3
8		MUZAFFARPUR-GORAKHPUR	D/C	0	742	0.0	11.4	-11.4
9		PATNA-BALIA	Q/C	0	906	0.0	15.3	-15.3
10		BIHARSHARIFF-BALIA	D/C	0	512	0.0	8.3	-8.3
11		MOTIHARI-GORAKHPUR	D/C	0	325	0.0	5.8	-5.8
12		BIHARSHARIFF-VARANASI	D/C	96	175	0.0	1.4	-1.4
13	220 kV	PUSAULI-SAHUPURI	S/C	0	183	0.0	3.3	-3.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	30	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.8</b>	<b>67.0</b>	<b>-66.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1816	0	34.5	0.0	34.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	1041	0	16.3	0.0	16.3
20		JHARSUGUDA-DURG	D/C	223	0	3.0	0.0	3.0
21	400 kV	JHARSUGUDA-RAIGARH	Q/C	328	21	4.4	0.0	4.4
22		RANCHI-SIPAT	D/C	341	0	5.2	0.0	5.2
23	220 kV	BUDHIPADAR-RAIGARH	S/C	18	58	0.0	0.5	-0.5
24		BUDHIPADAR-KORBA	D/C	178	0	3.2	0.0	3.2
<b>ER-WR</b>						<b>66.6</b>	<b>0.5</b>	<b>66.2</b>
<b>Import/Export of ER (With SR)</b>								
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1986.0	0.0	33.8	-33.8
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	518.0	0.0	12.1	-12.1
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1767.0	0.0	37.7	-37.7
28	400 kV	TALCHER-I/C	D/C	609.0	87.0	4.4	0.0	4.4
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>83.5</b>	<b>-83.5</b>
<b>Import/Export of ER (With NER)</b>								
30	400 kV	BINAGURI-BONGAIGAON	D/C	0	400	0.0	4.6	-5
31		ALIPURDUAR-BONGAIGAON	D/C	250	130	1.5	0.0	1
32	220 kV	ALIPURDUAR-SALAKATI	D/C	21	68	0.0	0.3	0
<b>ER-NER</b>						<b>1.5</b>	<b>4.9</b>	<b>-3.4</b>
<b>Import/Export of NER (With NR)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	403	0	0.0	9.0	-9.0
<b>NER-NR</b>						<b>0.0</b>	<b>9.0</b>	<b>-9.0</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1004	0.0	23.8	-23.8
35		V'CHAL B/B	D/C	453	0	12.2	0.0	12.2
36		APL -MHG	D/C	0	1265	0.0	31.5	-31.5
37	765 kV	GWALIOR-AGRA	D/C	0	2315	0.0	39.4	-39.4
38		PHAGI-GWALIOR	D/C	0	1255	0.0	21.4	-21.4
39		JABALPUR-ORAI	D/C	0	816	0.0	25.0	-25.0
40		GWALIOR-ORAI	S/C	405	0	7.4	0.0	7.4
41		SATNA-ORAI	S/C	0	1558	0.0	31.5	-31.5
42		CHITTORGARH-BANASKANTHA	D/C	136	405	0.0	2.7	2.7
43		ZERDA-KANKROLI	S/C	175	10	0.0	1.7	-1.7
44	400 kV	ZERDA -BHINMAL	S/C	230	97	1.3	0.0	1.3
45		V'CHAL -RIHAND	S/C	973	0	22.1	0.0	22.1
46	220 kV	RAPP-SHUJALPUR	D/C	237	171	0	0	0
47		BHANPURA-KOTA	S/C	50	27	0.4	0.1	0.3
48		BHANPURA-MORAK	S/C	8	68	0.0	0.8	-0.8
49		MEHGAON-AURAIYA	S/C	71	7	0.6	0.0	0.6
50	132kV	MALANPUR-AURAIYA	S/C	17	44	0.0	0.4	-0.4
51		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>44.3</b>	<b>178.3</b>	<b>-128.6</b>
<b>Import/Export of WR (With SR)</b>								
52	HVDC	BHADRAWATI B/B	-	0	992	0.0	17.7	-17.7
53	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
54	765 kV	SOLAPUR-RAICHUR	D/C	519	2021	0.0	15.1	-15.1
55		WARDHA-NIZAMABAD	D/C	0	2158	0.0	25.0	-25.0
56	400 kV	KOLHAPUR-KUDGI	D/C	980	0	14.0	0.0	14.0
57	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
58		PONDA-AMBEWADI	S/C	1	0	0.0	0.0	0.0
59		XELDEM-AMBEWADI	S/C	0	53	1.1	0.0	1.1
<b>WR-SR</b>						<b>15.1</b>	<b>57.9</b>	<b>-42.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
60		BHUTAN						7.9
61		NEPAL						-7.8
62		BANGLADESH						-23.4