



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> 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 26.05.2019.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26<sup>th</sup> May 2019, is available at the NLDC website.

धन्यवाद,

Report for previous day

Date of Reporting

27-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)	50380	49544	39967	20250	2495	162636
Peak Shortage (MW)	483	9	0	0	116	608
Energy Met (MU)	1175	1216	961	440	45	3836
Hydro Gen (MU)	260	19	46	89	17	431
Wind Gen (MU)	11	78	122	-----	-----	210
Solar Gen (MU)*	28.14	25.22	87.67	2.34	0.04	143
Energy Shortage (MU)	11.0	0.1	0.0	0.0	2.7	13.8
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	54837 22:48	53621 00:15	41625 15:24	22491 23:31	2501 18:49	171713 23:04

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	0.029	0.00	0.00	1.45	1.45	74.78	23.77

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	6763	0	150.2	82.1	-2.0	15	0.0	
	Haryana	7366	0	151.0	109.4	0.5	244	0.0	
	Rajasthan	10783	0	239.8	67.0	2.0	319	0.0	
	Delhi	5097	0	99.9	82.7	0.3	213	0.0	
	UP	20631	0	414.7	178.5	1.0	660	0.0	
	Uttarakhand	1918	0	41.9	17.1	0.6	163	0.1	
	HP	1285	0	26.6	5.0	1.3	137	0.0	
	J&K	2183	546	46.4	25.8	-0.3	209	10.9	
	Chandigarh	232	0	4.3	5.1	-0.8	0	0.0	
	WR	Chhattisgarh	4033	0	92.8	40.4	-1.5	434	0.0
Gujarat		16821	0	372.0	101.7	4.3	644	0.0	
MP		9718	0	219.1	118.0	0.0	488	0.0	
Maharashtra		21246	0	487.5	135.2	-0.5	449	0.1	
Goa		541	0	12.4	10.4	1.4	41	0.0	
DD		304	0	7.0	6.8	0.2	34	0.0	
DNH		748	0	17.7	18.0	-0.4	58	0.0	
Essar steel		387	0	7.7	7.8	-0.1	264	0.0	
SR		Andhra Pradesh	9508	0	199.1	56.0	0.2	717	0.0
		Telangana	7694	0	171.1	69.8	0.4	531	0.0
	Karnataka	9489	0	176.0	48.5	-0.4	716	0.0	
	Kerala	3913	0	77.8	56.5	1.7	282	0.0	
	Tamil Nadu	13865	0	328.3	137.2	0.3	771	0.0	
	Pondy	404	0	8.5	8.6	-0.1	43	0.0	
	ER	Bihar	5487	0	101.0	97.4	-0.8	200	0.0
DVC		3122	0	65.8	-42.5	-1.1	300	0.0	
Jharkhand		1089	0	26.2	21.8	0.8	30	0.0	
Odisha		4490	0	90.7	40.8	1.3	400	0.0	
West Bengal		8567	0	154.9	45.9	0.0	450	0.0	
NER	Sikkim	84	0	1.1	1.3	-0.2	20	0.0	
	Arunachal Pradesh	121	2	2.2	2.3	-0.1	30	0.0	
	Assam	1588	41	25.8	21.5	0.4	128	2.1	
	Manipur	157	7	2.5	2.4	0.2	70	0.0	
	Meghalaya	280	2	5.3	2.5	0.3	52	0.3	
	Mizoram	81	5	1.7	1.4	0.1	17	0.0	
	Nagaland	113	9	2.2	2.1	0.1	17	0.0	
	Tripura	271	15	5.2	4.3	0.7	47	0.2	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	15.5	-9.9	-26.4
Day peak (MW)	852.8	-569.9	-1126.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	215.0	-254.7	88.4	-42.7	-5.8	0.2
Actual(MU)	218.0	-246.2	76.7	-47.5	-5.0	-4.0
O/D/U/D(MU)	3.1	8.4	-11.7	-4.8	0.8	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4193	12219	7112	1720	35	25279
State Sector	6390	13620	6300	2840	50	29200
Total	10583	25839	13412	4560	85	54478

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	570	1260	487	444	8	2768
Lignite	21	13	44	0	0	78
Hydro	260	19	46	89	17	431
Nuclear	28	31	58	0	0	117
Gas, Naptha & Diesel	35	42	14	0	30	121
RES (Wind, Solar, Biomass & Others)	59	110	240	2	0	412
Total	973	1475	888	535	55	3926

Share of RES in total generation (%)	6.09	7.45	27.04	0.44	0.07	10.49
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	35.65	10.84	38.75	17.06	31.17	24.44

H. Diversity Factor

All India Demand Diversity Factor	1.020
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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 : 27-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	174	189	0.0	1.6	-1.6
2		SASARAM-FATEHPUR	S/C	37	302	0.0	3.2	-3.2
3		GAYA-BALIA	S/C	0	322	0.0	4.6	-4.6
4		ALIPURDUAR-AGRA	-	0	501	0.0	12.2	-12.2
5		PUSAULI B/B	S/C	0	49	0.0	1.3	-1.3
6	400 kV	PUSAULI-VARANASI	S/C	0	104	0.0	1.4	-1.4
7		PUSAULI -ALLAHABAD	S/C	45	29	0.3	0.0	0.3
8		MUZAFFARPUR-GORAKHPUR	D/C	0	890	0.0	13.5	-13.5
9		PATNA-BALIA	Q/C	0	1013	0.0	18.9	-18.9
10		BIHARSHARIFF-BALIA	D/C	0	472	0.0	9.0	-9.0
11		MOTIHARI-GORAKHPUR	D/C	0	340	0.0	5.5	-5.5
12		BIHARSHARIFF-VARANASI	D/C	127	246	0.0	2.6	-2.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	170	0.0	3.1	-3.1
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	30	0	0.6	0.0	0.6
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>76.9</b>	<b>-76.1</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1990	0	35.8	0.0	35.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	952	0	14.7	0.0	14.7
20		JHARSUGUDA-DURG	D/C	267	0	4.1	0.0	4.1
21	400 kV	JHARSUGUDA-RAIGARH	Q/C	370	0	5.4	0.0	5.4
22		RANCHI-SIPAT	D/C	318	0	5.5	0.0	5.5
23	220 kV	BUDHIPADAR-RAIGARH	S/C	25	50	0.0	0.5	-0.5
24		BUDHIPADAR-KORBA	D/C	196	0	3.4	0.0	3.4
<b>ER-WR</b>						<b>68.8</b>	<b>0.5</b>	<b>68.4</b>
<b>Import/Export of ER (With SR)</b>								
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1814.0	0.0	33.1	-33.1
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	519.0	0.0	12.1	-12.1
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1587.0	0.0	38.4	-38.4
28	400 kV	TALCHER-I/C	D/C	449.0	200.0	5.6	0.0	5.6
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>83.6</b>	<b>-83.6</b>
<b>Import/Export of ER (With NER)</b>								
30	400 kV	BINAGURI-BONGAIGAON	D/C	11	327	0.0	3.1	-3
31		ALIPURDUAR-BONGAIGAON	D/C	317	53	2.9	0.0	3
32	220 kV	ALIPURDUAR-SALAKATI	D/C	16	59	0.0	0.3	0
<b>ER-NER</b>						<b>2.9</b>	<b>3.4</b>	<b>-0.4</b>
<b>Import/Export of NER (With NR)</b>								
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	306	0.0	7.4	-7.4
<b>NER-NR</b>						<b>0.0</b>	<b>7.4</b>	<b>-7.4</b>
<b>Import/Export of WR (With NR)</b>								
34	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1006	0.0	23.9	-23.9
35		V'CHAL B/B	D/C	452	0	12.3	0.0	12.3
36		APL -MHG	D/C	0	1265	0.0	31.5	-31.5
37	765 kV	GWALIOR-AGRA	D/C	0	2302	0.0	42.9	-42.9
38		PHAGI-GWALIOR	D/C	0	1101	0.0	21.3	-21.3
39		JABALPUR-ORAI	D/C	0	816	0.0	29.8	-29.8
40		GWALIOR-ORAI	S/C	422	0	8.4	0.0	8.4
41		SATNA-ORAI	S/C	0	1436	0.0	28.9	-28.9
42		CHITTORGARH-BANASKANTHA	D/C	129	514	0.0	4.6	4.6
43		ZERDA-KANKROLI	S/C	124	55	1.0	0.0	1.0
44	400 kV	ZERDA -BHINMAL	S/C	149	141	0.1	0.0	0.1
45		V'CHAL -RIHAND	S/C	972	0	22.5	0.0	22.5
46		RAPP-SHUJALPUR	D/C	175	160	0	0	0
47	220 kV	BHANPURA-KOTA	S/C	41	29	0.2	0.0	0.2
48		BHANPURA-MORAK	S/C	21	79	0.0	1.0	-1.0
49		MEHGAON-AURAIYA	S/C	56	24	0.4	0.0	0.4
50		MALANPUR-AURAIYA	S/C	16	70	0.1	0.3	-0.3
51	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>44.9</b>	<b>184.4</b>	<b>-130.4</b>
<b>Import/Export of WR (With SR)</b>								
52	HVDC	BHADRAWATI B/B	-	0	701	0.0	16.8	-16.8
53	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
54	765 kV	SOLAPUR-RAICHUR	D/C	232	1417	0.0	12.2	-12.2
55		WARDHA-NIZAMABAD	D/C	0	1850	0.0	27.4	-27.4
56	400 kV	KOLHAPUR-KUDGI	D/C	867	809	16.3	0.0	16.3
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	50	1.0	0.0	1.0
<b>WR-SR</b>						<b>17.4</b>	<b>56.3</b>	<b>-39.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
60		BHUTAN						<b>15.5</b>
61		NEPAL						<b>-9.9</b>
62		BANGLADESH						<b>-26.4</b>