



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: 27th Feb 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 26.02.2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-फरवरी-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 26th February 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-Feb-19

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	43345	45866	44555	16626	2403	152795
Peak Shortage (MW)	662	0	0	0	59	721
Energy Met (MU)	887	1117	1060	344	40	3448
Hydro Gen (MU)	145	24	80	30	3	282
Wind Gen (MU)	15	59	37	-----	-----	111
Solar Gen (MU)*	17.91	23.6	78.89	0.97	0.03	121
Energy Shortage (MU)	12.1	1.0	0.0	0.0	0.8	13.9
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	43983 18:56	54448 11:01	46425 11:09	18746 19:18	2380 18:20	159345 18:59

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	0.039	0.00	0.21	2.35	2.56	63.75	33.69

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	5121	0	100.3	37.9	-1.4	50	0.0	
	Haryana	5896	68	117.4	92.2	1.4	344	1.5	
	Rajasthan	11679	69	228.8	74.4	1.4	382	0.0	
	Delhi	3713	0	64.1	55.3	0.0	271	0.0	
	UP	14556	0	259.6	109.4	0.3	371	0.0	
	Uttarakhand	1921	0	36.2	23.3	0.6	171	0.2	
	HP	1583	15	29.8	20.5	0.9	124	0.2	
	J&K	2348	587	47.3	42.5	-0.7	259	10.2	
	Chandigarh	208	0	3.3	3.6	-0.3	15	0.0	
	WR	Chhattisgarh	3989	0	89.8	37.8	0.3	270	1.0
Gujarat		15027	0	319.2	84.3	2.3	703	0.0	
MP		12388	0	223.9	103.2	-2.0	725	0.0	
Maharashtra		20774	0	433.9	129.0	-1.9	484	0.0	
Goa		532	0	10.9	9.5	0.8	68	0.0	
DD		309	0	6.9	6.6	0.3	71	0.0	
DNH		783	0	18.4	18.2	0.2	118	0.0	
Essar steel		679	0	14.3	14.6	-0.3	293	0.0	
SR		Andhra Pradesh	8877	0	194.2	88.3	0.5	494	0.0
		Telangana	10054	0	218.5	90.4	0.6	454	0.0
	Karnataka	11736	0	234.5	76.2	0.4	587	0.0	
	Kerala	3825	0	77.1	58.2	1.0	223	0.0	
	Tamil Nadu	14928	0	327.6	177.0	-0.3	467	0.0	
	Pondy	388	0	7.7	8.0	-0.3	31	0.0	
	ER	Bihar	4112	0	73.0	68.5	-1.0	460	0.0
DVC		2974	0	61.3	-39.5	0.2	396	0.0	
Jharkhand		1000	0	21.1	16.1	-1.2	169	0.0	
Odisha		4035	0	75.0	24.6	0.8	267	0.0	
West Bengal		6172	0	112.5	16.9	-0.5	309	0.0	
Sikkim		95	0	1.3	1.7	-0.4	18	0.0	
NER	Arunachal Pradesh	142	0	2.2	2.5	-0.4	4	0.0	
	Assam	1383	33	22.8	18.5	0.1	108	0.6	
	Manipur	179	3	2.1	2.4	-0.3	34	0.0	
	Meghalaya	382	0	6.6	5.5	0.0	47	0.0	
	Mizoram	102	0	1.7	1.5	0.1	33	0.0	
	Nagaland	119	2	2.1	1.9	0.2	22	0.2	
	Tripura	221	8	2.9	1.4	-0.8	42	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.0	-6.6	-18.3
Day peak (MW)	64.0	-294.0	-963.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.9	-251.1	150.8	-80.7	4.5	0.4
Actual(MU)	174.0	-257.0	155.9	-76.5	3.2	-0.5
O/D/U/D(MU)	-2.9	-5.9	5.1	4.1	-1.3	-0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5491	12444	6062	1530	570	26097
State Sector	13050	16077	7870	4255	50	41302
Total	18541	28521	13932	5785	619	67399

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	451	1196	577	437	8	2669
Lignite	19	16	45	0	0	80
Hydro	145	24	80	30	3	282
Nuclear	27	31	40	0	0	98
Gas, Naptha & Diesel	21	38	18	0	30	107
RES (Wind, Solar, Biomass & Others)	66	87	154	1	0	308
Total	729	1392	914	468	41	3544

Share of RES in total generation (%)	9.03	6.27	16.84	0.21	0.07	8.69
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	32.65	10.24	29.92	6.56	7.23	19.41

H. Diversity Factor

All India Demand Diversity Factor	1.042
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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-Feb-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)	
Import/Export of ER (With NR)									
1	765kV	GAYA-VARANASI	D/C	0	375	0.0	4.1	-4.1	
2		SASARAM-FATEHPUR	S/C	31	227	0.0	2.9	-2.9	
3		GAYA-BALIA	S/C	0	466	0.0	6.6	-6.6	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 kV	PUSAULI B/B	S/C	0	147	0.0	3.4	-3.4	
6		PUSAULI-VARANASI	S/C	0	155	0.0	2.6	-2.6	
7		PUSAULI -ALLAHABAD	S/C	0	74	0.0	0.7	-0.7	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	662	0.0	7.7	-7.7	
9		PATNA-BALIA	Q/C	0	722	0.0	10.2	-10.2	
10		BIHARSHARIFF-BALIA	D/C	0	376	0.0	5.8	-5.8	
11		MOTIHARI-GORAKHPUR	D/C	0	262	0.0	4.3	-4.3	
12		BIHARSHARIFF-VARANASI	D/C	111	199	0.0	0.6	-0.6	
13		220 kV	PUSAULI-SAHUPURI	S/C	0	144	0.0	2.6	-2.6
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	1	0	0.0	0.0	0.0	
ER-NR						0.6	51.5	-50.9	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	1565	0	24.5	0.0	24.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	389	222	0.0	0.7	-0.7	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	4	316	0.0	3.7	-3.7	
21		RANCHI-SIPAT	D/C	176	36	1.5	0.0	1.5	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	149	0.0	1.5	-1.5	
23		BUDHIPADAR-KORBA	D/C	137	11	2.1	0.0	2.1	
ER-WR						28.1	6.0	22.1	
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1908.0	0.0	37.3	-37.3	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	685.0	0.0	16.4	-16.4	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2452.0	0.0	52.3	-52.3	
27	400 kV	TALCHER-I/C	D/C	0.0	500.0	0.0	7.2	-7.2	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	106.0	-106.0	
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	326	44	3.2	0.0	3	
30		ALIPURDUAR-BONGAIGAON	D/C	445	0	5.7	0.0	6	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	61	27	0.5	0.0	1	
ER-NER						9.4	0.0	9.4	
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	662	0	14.3	0.0	14.3	
NER-NR						14.3	0.0	14.3	
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1505	0.0	35.1	-35.1	
34		V'CHAL B/B	D/C	242	0	6.0	0.0	6.0	
35		APL -MHG	D/C	0	1550	0.0	35.3	-35.3	
36		GWALIOR-AGRA	D/C	0	2256	0.0	41.0	-41.0	
37	765 kV	PHAGI-GWALIOR	D/C	0	1240	0.0	19.1	-19.1	
38		JABALPUR-ORAI	D/C	0	786	0.0	23.2	-23.2	
39		GWALIOR-ORAI	S/C	658	0	10.9	0.0	10.9	
40		SATNA-ORAI	S/C	0	1366	0.0	26.9	-26.9	
41		400 kV	ZERDA-KANKROLI	S/C	215	114	0.6	0.0	0.6
42			ZERDA -BHINMAL	S/C	235	329	0.0	2.2	-2.2
43			V'CHAL -RIHAND	S/C	974	0	20.8	0.0	20.8
44			RAPP-SHUJALPUR	D/C	211	285	0	1	-1
45	220 kV	BADOD-KOTA	S/C	13	26	0.3	0.8	-0.5	
46		BADOD-MORAK	S/C	0	141	0.1	1.3	-1.3	
47		MEHGAON-AURAIYA	S/C	90	6	1.2	0.0	1.2	
48		MALANPUR-AURAIYA	S/C	37	27	0.4	0.1	0.3	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						40.2	185.9	-145.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	995	0.0	23.9	-23.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 kV	SOLAPUR-RAICHUR	D/C	0	2485	0.0	42.1	-42.1	
53		WARDHA-NIZAMABAD	D/C	0	2303	0.0	39.0	-39.0	
54	400 kV	KOLHAPUR-KUDGI	D/C	689	0	8.0	0.0	8.0	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 kV	PONDA-AMBEWADI	S/C	1	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	0	68	1.2	0.0	1.2	
WR-SR						9.2	105.0	-95.8	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						1.0	
59		NEPAL						-6.6	
60		BANGLADESH						-18.3	