



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: 26th June 2019

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 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
- 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
- मुख्य महाप्रबंधक, ऊ. पू.क्षे.भा.प्रे.के., डोंगतेिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Chief General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 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 25.06.2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-जून-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 25th June 2019, is available at the NLDC website.

धन्यवाद,

Report for previous day

Date of Reporting

26-Jun-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)	57920	47941	41490	22369	2684	172404
Peak Shortage (MW)	1183	0	0	0	266	1449
Energy Met (MU)	1362	1117	963	496	53	3991
Hydro Gen (MU)	352	12	36	89	17	505
Wind Gen (MU)	10	29	137	-----	-----	175
Solar Gen (MU)*	25.80	19.53	75.14	2.26	0.03	123
Energy Shortage (MU)	12.2	0.0	0.0	0.0	1.6	13.8
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	622:36 23:24	492:40 22:52	420:69 19:52	233:62 20:57	27:46 18:46	177:635 22:24

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	0.038	0.00	1.48	6.92	8.40	76.12	15.47

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	11355	0	250.6	126.5	-1.1	74	0.0
	Haryana	9611	0	209.8	145.3	-0.8	180	0.0
	Rajasthan	11114	0	242.9	82.3	0.7	808	0.0
	Delhi	6393	0	126.1	104.2	1.5	252	0.1
	UP	18914	0	407.9	175.4	1.4	718	1.7
	Uttarakhand	2097	0	44.4	15.1	0.2	87	0.0
	HP	1379	0	29.1	1.5	-1.1	53	0.0
	J&K	2033	508	44.8	20.3	-0.5	163	10.5
WR	Chandigarh	331	0	6.2	7.0	-0.8	5	0.0
	Chhattisgarh	3971	0	91.1	30.6	1.2	687	0.0
	Gujarat	14804	0	334.7	75.2	5.9	574	0.0
	MP	8778	0	195.1	104.5	-0.1	424	0.0
	Maharashtra	20047	0	451.0	129.5	-0.2	786	0.0
	Goa	541	0	12.4	11.5	0.3	62	0.0
	DD	335	0	7.4	7.1	0.4	45	0.0
	DNH	806	0	18.7	18.8	0.1	0	0.0
SR	Essar steel	356	0	6.3	6.0	0.3	319	0.0
	Andhra Pradesh	8521	0	178.1	44.1	-0.9	540	0.0
	Telangana	7475	0	156.6	38.0	-0.6	427	0.0
	Karnataka	10373	0	199.2	72.0	0.7	774	0.0
	Kerala	3619	0	73.2	58.2	1.7	226	0.0
	Tamil Nadu	15022	0	347.7	136.4	-0.5	523	0.0
	Pondy	429	0	8.8	9.0	-0.2	38	0.0
	Bihar	5579	0	113.8	106.5	2.5	500	0.0
ER	DVC	3110	0	67.7	-49.9	2.2	450	0.0
	Jharkhand	1284	0	25.6	16.4	-0.2	90	0.0
	Odisha	4410	0	92.9	31.8	3.6	500	0.0
	West Bengal	9326	0	195.2	71.4	3.7	700	0.0
	Sikkim	95	0	1.1	1.3	-0.2	25	0.0
NER	Arunachal Pradesh	137	2	2.3	2.4	-0.1	71	0.0
	Assam	1689	162	32.7	27.1	1.3	222	1.5
	Manipur	161	3	2.5	2.3	0.1	22	0.0
	Meghalaya	316	0	5.7	2.0	-0.1	59	0.0
	Mizoram	94	1	1.5	1.3	0.1	58	0.0
	Nagaland	126	2	2.5	2.4	0.0	30	0.0
	Tripura	284	3	5.4	4.6	0.3	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.0	-9.4	-25.8
Day peak (MW)	983.8	-559.8	-1106.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	277.8	-283.6	29.4	-24.0	1.0	0.6
Actual(MU)	268.9	-284.7	24.9	-11.8	1.8	-0.9
O/D/U/D(MU)	-8.8	-1.2	-4.5	12.3	0.8	-1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5358	14609	6792	2525	215	29499
State Sector	5770	11576	6710	3350	50	27456
Total	11128	26185	13502	5875	264	56954

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	624	1233	529	434	15	2835
Lignite	22	14	49	0	0	84
Hydro	352	12	36	89	17	505
Nuclear	27	31	54	0	0	112
Gas, Naptha & Diesel	37	57	13	0	27	134
RES (Wind, Solar, Biomass & Others)	51	53	261	2	0	367
Total	1112	1400	942	525	58	4038

Share of RES in total generation (%)	4.55	3.81	27.70	0.44	0.05	9.09
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	38.61	6.87	37.28	17.33	28.61	24.38

H. Diversity Factor

All India Demand Diversity Factor	1.011
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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-Jun-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	129	338	0.0	4.6	-4.6	
2		SASARAM-FATEHPUR	S/C	274	63	1.9	0.0	1.9	
3		GAYA-BALIA	S/C	0	464	0.0	8.1	-8.1	
4		ALIPURDUAR-AGRA	-	0	500	0.0	10.0	-10.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7	
6	400 kV	PUSAULI-VARANASI	S/C	0	206	0.0	4.1	-4.1	
7		PUSAULI -ALLAHABAD	S/C	0	58	0.0	0.5	-0.5	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	634	0.0	8.1	-8.1	
9		PATNA-BALIA	Q/C	0	890	0.0	13.7	-13.7	
10		BIHARSHARIFF-BALIA	D/C	0	232	0.0	4.3	-4.3	
11		MOTIHARI-GORAKHPUR	D/C	311	0	6.6	0.0	6.6	
12	220 kV	BIHARSHARIFF-VARANASI	D/C	220	10	2.1	0.0	2.1	
13		PUSAULI-SAHUPURI	S/C	0	186	0.0	3.6	-3.6	
14		132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15			GARWAH-RIHAND	S/C	30	0	0.5	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	
ER-NR						11.2	61.6	-50.5	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1389	0	20.2	0.0	20.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	1431	0	28.0	0.0	28.0	
20		JHARSUGUDA-DURG	D/C	236	0	3.1	0.0	3.1	
21	400 kV	JHARSUGUDA-RAIGARH	Q/C	559	0	9.8	0.0	9.8	
22		RANCHI-SIPAT	D/C	513	0	8.4	0.0	8.4	
23	220 kV	BUDHIPADAR-RAIGARH	S/C	11	77	0.0	0.8	-0.8	
24		BUDHIPADAR-KORBA	D/C	207	0	4.1	0.0	4.1	
ER-WR						73.6	0.8	72.8	
Import/Export of ER (With SR)									
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1465.0	0.0	16.2	-16.2	
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	665.0	0.0	13.5	-13.5	
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1577.0	0.0	26.4	-26.4	
28	400 kV	TALCHER-I/C	D/C	674.0	273.0	4.8	0.0	4.8	
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	56.1	-56.1	
Import/Export of ER (With NER)									
30	400 kV	BINAGURI-BONGAIGAON	D/C	0	547	0.0	8.7	-9	
31		ALIPURDUAR-BONGAIGAON	D/C	136	314	0.0	2.7	-3	
32	220 kV	ALIPURDUAR-SALAKATI	D/C	0	108	0.0	1.2	-1	
ER-NER						0.0	12.7	-12.7	
Import/Export of NER (With NR)									
33	HVDC	BISWANATH CHARIALI-AGRA	-	503	0	0.0	12.2	-12.2	
NER-NR						0.0	12.2	-12.2	
Import/Export of WR (With NR)									
34	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2010	0.0	47.8	-47.8	
35		V'CHAL B/B	D/C	452	0	12.3	0.0	12.3	
36		APL -MHG	D/C	0	1546	0.0	38.7	-38.7	
37	765 kV	GWALIOR-AGRA	D/C	0	2808	0.0	55.5	-55.5	
38		PHAGI-GWALIOR	D/C	0	1428	0.0	28.4	-28.4	
39		JABALPUR-ORAI	D/C	0	905	0.0	42.7	-42.7	
40		GWALIOR-ORAI	S/C	521	0	10.9	0.0	10.9	
41		SATNA-ORAI	S/C	0	1510	0.0	31.9	-31.9	
42		CHITTORGARH-BANASKANTHA	D/C	220	409	0.0	2.5	2.5	
43	400 kV	ZERDA-KANKROLI	S/C	85	94	0.6	0.4	0.2	
44		ZERDA -BHINMAL	S/C	181	200	0.6	0.8	-0.3	
45		V'CHAL -RIHAND	S/C	964	0	22.6	0.0	22.6	
46		RAPP-SHUJALPUR	D/C	0	515	0	4	-4	
47	220 kV	BHANPURA-RANPUR	S/C	11	72	0.0	0.6	-0.6	
48		BHANPURA-MORAK	S/C	0	105	0.0	1.7	-1.7	
49		MEHGAON-AURAIYA	S/C	39	39	0.3	0.1	0.1	
50		MALANPUR-AURAIYA	S/C	7	55	0.0	0.7	-0.7	
51	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						47.1	255.3	-203.1	
Import/Export of WR (With SR)									
52	HVDC	BHADRAWATI B/B	-	0	603	0.0	10.6	-10.6	
53	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
54	765 kV	SOLAPUR-RAICHUR	D/C	644	1152	0.0	3.8	-3.8	
55		WARDHA-NIZAMABAD	D/C	446	1431	0.0	11.9	-11.9	
56	400 kV	KOLHAPUR-KUDGI	D/C	1088	672	14.7	0.0	14.7	
57	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
58		PONDA-AMBEWADI	S/C	0	73	0.0	1.3	-1.3	
59		XELDEM-AMBEWADI	S/C	0	40	0.7	0.0	0.7	
WR-SR						15.4	27.5	-12.2	
TRANSNATIONAL EXCHANGE									
60		BHUTAN						10.0	
61		NEPAL						-9.4	
62		BANGLADESH						-25.8	