National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पॉवर 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: 23rd June 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., डोंगतिएह, 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 22.06.2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22-जून-2019 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध 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 22nd June 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** **23-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)	57384	47458	40445	18234	2823	166344
Peak Shortage (MW)	485	0	0	0	164	649
Energy Met (MU)	1347	1136	949	414	51	3897
Hydro Gen (MU)	318	11	36	82	16	463
Wind Gen (MU)	11	52	148	----------	----------	212
Solar Gen (MU)*	24.88	21.6	61.45	1.93	0.04	110
Energy Shortage (MU)	11.5	0.0	0.0	0.0	0.8	12.4
Maximum Demand Met during the day	61985	50377	41736	21327	2852	173296
(MW) & time (from NLDC SCADA)	22:55	14:44	14:54	23:01	19:36	22:49

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	0.047	0.00	1.97	8.03	10.00	74.77	15.23

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	11793	0	263.8	129.3	-1.4	33	0.0
	Haryana	9125	0	197.7	139.4	0.1	282	0.8
	Rajasthan	11152	0	241.8	68.1	2.3	839	0.0
	Delhi	5910	0	118.5	98.7	0.2	394	0.0
	UP	19475	0	398.6	189.2	1.3	734	0.0
	Uttarakhand	2013	0	46.0	19.2	1.1	123	0.1
	HP	1423	0	30.4	4.5	2.4	260	0.1
	J&K	2068	517	44.2	21.2	-2.0	168	10.5
	Chandigarh	282	0	5.6	6.1	-0.5	2	0.0
WR	Chhattisgarh	3468	0	75.1	19.8	-2.3	290	0.0
	Gujarat	16485	0	354.3	81.3	4.9	559	0.0
	MP	8684	0	198.1	114.3	-0.1	685	0.0
	Maharashtra	20758	0	463.8	136.6	-1.4	506	0.0
	Goa	541	0	12.4	12.2	-0.4	32	0.0
	DD	346	0	7.7	7.3	0.3	29	0.0
	DNH	777	0	18.3	18.4	-0.1	40	0.0
	Essar steel	323	0	6.5	6.5	0.0	312	0.0
SR	Andhra Pradesh	8778	0	183.0	33.4	-0.3	511	0.0
	Telangana	7066	0	149.4	37.6	0.7	792	0.0
	Karnataka	10654	0	203.3	75.7	2.3	610	0.0
	Kerala	3265	0	66.7	56.2	1.6	194	0.0
	Tamil Nadu	14683	0	336.7	127.6	0.2	695	0.0
	Pondy	458	0	9.7	9.5	0.2	64	0.0
ER	Bihar	4811	0	80.4	83.3	-4.5	300	0.0
	DVC	2800	0	61.4	-44.9	-0.2	50	0.0
	Jharkhand	1000	0	21.0	13.1	-0.5	150	0.0
	Odisha	3964	0	79.8	26.4	0.4	430	0.0
	West Bengal	8388	0	170.0	57.7	1.0	400	0.0
	Sikkim	95	0	1.3	1.3	0.0	30	0.0
NER	Arunachal Pradesh	129	2	2.2	2.8	-0.6	19	0.0
	Assam	1789	132	32.0	28.3	-0.9	111	0.8
	Manipur	167	4	2.6	2.3	0.4	36	0.0
	Meghalaya	331	0	5.7	1.7	0.1	57	0.0
	Mizoram	89	1	1.7	1.4	0.3	17	0.0
	Nagaland	119	2	2.1	2.3	-0.5	21	0.0
	Tripura	280	10	5.1	4.5	-0.1	71	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.7	-6.6	-26.2
Day peak (MW)	682.3	-366.9	-1125.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	272.3	-265.7	32.0	-39.2	0.7	0.0
Actual(MU)	266.0	-262.9	31.7	-38.9	0.7	-3.3
O/D/U/D(MU)	-6.3	2.8	-0.3	0.3	0.1	-3.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4646	15294	7552	2820	215	30527
State Sector	6335	12941	5923	2810	50	28059
Total	10981	28235	13475	5630	264	58585

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	607	1216	524	422	11	2780
Lignite	24	15	49	0	0	89
Hydro	318	11	36	82	16	463
Nuclear	27	31	54	0	0	112
Gas, Naptha & Diesel	54	56	13	0	29	152
RES (Wind, Solar, Biomass & Others)	50	79	250	2	0	381
Total	1080	1407	926	506	56	3975

Share of RES in total generation (%)	4.60	5.59	27.02	0.39	0.07	9.57
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	36.59	8.52	36.74	16.56	29.08	24.03

H. Diversity Factor

All India Demand Diversity Factor	1.029

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.

मुख्य महाप्रबंधक (रा० भा० प्रे० के०)