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 सराय, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 07th July 2018

To,

1. महाप्रबंधक, पू .क्षे .भा .प्रे .के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
   General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
   General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प .क्षे .भा .प्रे .के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
   General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
   General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009
   Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 06.06.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 6 जुलाई 2018 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 6th July 2018, 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** **7-Jul-18**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	55857	43701	41210	19877	2695	163341
Peak Shortage (MW)	1776	0	175	0	90	2041
Energy Met (MU)	1272	1021	914	429	51	3686
Hydro Gen (MU)	285	17	57	96	27	482
Wind Gen (MU)	15	116	197	----------	----------	328
Solar Gen (MU)*	16.28	14.99	42.41	0.58	0.02	74
Energy Shortage (MU)	11.7	0.0	0.8	0.0	0.8	13.3
Maximum Demand Met during the day	58552	44757	41143	20736	2621	165378
(MW) & time (from NLDC SCADA)	21:56	11:41	19:58	20:49	20:00	20:00

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	0.097	0.22	5.39	21.76	27.37	67.87	4.76

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	10410	0	216.5	134.5	-0.6	132	0.0
	Haryana	9291	113	195.8	143.8	3.6	401	0.2
	Rajasthan	10344	0	218.7	73.6	3.0	407	0.2
	Delhi	6094	0	123.9	99.1	-0.6	128	0.1
	UP	18020	1240	398.3	178.3	1.4	368	0.2
	Uttarakhand	2035	0	41.4	14.6	0.7	209	0.2
	HP	1400	0	26.1	-2.4	5.6	561	0.1
	J&K	2240	560	45.9	18.6	2.4	345	10.9
	Chandigarh	288	0	5.6	5.5	0.1	58	0.0
WR	Chhattisgarh	3786	0	89.2	30.5	1.5	425	0.0
	Gujarat	14314	0	315.9	104.1	2.5	581	0.0
	MP	7443	0	163.4	62.9	-2.5	395	0.0
	Maharashtra	18326	0	407.7	118.9	-3.8	713	0.0
	Goa	434	0	9.0	8.4	-0.1	41	0.0
	DD	342	0	7.6	6.5	1.1	81	0.0
	DNH	742	0	17.1	16.4	0.6	80	0.0
	Essar steel	519	0	10.9	10.7	0.1	271	0.0
SR	Andhra Pradesh	7337	0	166.9	18.6	0.7	549	0.0
	Telangana	7277	0	150.7	66.9	-0.2	495	0.0
	Karnataka	9484	0	194.7	59.8	0.2	399	0.0
	Kerala	3425	175	68.2	46.0	0.7	241	0.8
	Tamil Nadu	15012	0	325.1	120.5	-2.4	417	0.0
	Pondy	381	0	8.1	8.3	-0.2	41	0.0
ER	Bihar	4763	0	88.2	84.2	1.6	365	0.0
	DVC	3038	0	69.2	-36.3	-1.0	385	0.0
	Jharkhand	1070	0	23.0	18.7	-0.7	198	0.0
	Odisha	3828	0	77.8	33.7	1.8	448	0.0
	West Bengal	8347	0	169.7	49.1	5.6	498	0.0
	Sikkim	91	0	1.2	1.3	-0.1	20	0.0
NER	Arunachal Pradesh	110	2	2.3	2.3	0.0	75	0.0
	Assam	1731	44	33.1	24.8	2.3	223	0.7
	Manipur	162	6	2.5	2.5	0.0	62	0.0
	Meghalaya	282	0	4.9	0.7	-0.2	35	0.0
	Mizoram	84	4	1.5	0.7	0.1	36	0.0
	Nagaland	105	6	2.2	1.7	0.3	14	0.0
	Tripura	268	1	4.6	4.4	0.0	81	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.4	-5.9	-14.4
Day peak (MW)	1466.6	-343.2	-641.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	289.3	-239.2	49.0	-93.9	-5.1	0.1
Actual(MU)	307.0	-252.3	33.7	-83.9	-5.2	-0.6
O/D/U/D(MU)	17.8	-13.0	-15.3	10.0	-0.1	-0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4277	14657	8772	1155	153	29014
State Sector	8010	18693	9000	6055	50	41808
Total	12287	33350	17772	7210	203	70822

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	588	1063	493	438	10	2592
Hydro	285	17	58	96	27	483
Nuclear	27	28	45	0	0	100
Gas, Naptha & Diesel	48	51	24	0	23	146
RES (Wind, Solar, Biomass & Others)	43	131	272	1	0	448
Total	992	1291	892	535	59	3769

Share of RES in total generation (%)	4.35	10.19	30.51	0.17	0.07	11.88
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	35.83	13.69	42.11	18.11	45.11	27.37

H. Diversity Factor

All India Demand Diversity Factor	1.015

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.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(सि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)