



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: 22nd June 2022

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. कार्यकारी निदेशक, ऊ. पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नोंग्रह, लापलंग, शिलोंग – 793006
Executive Director, 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 21.06.2022.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-जून-2022 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 21st June 2022, 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: 22-Jun-2022

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58422	54538	41528	24622	2825	181935
Peak Shortage (MW)	70	0	0	374	29	473
Energy Met (MU)	1317	1280	941	524	51	4113
Hydro Gen (MU)	246	32	45	120	36	478
Wind Gen (MU)	39	173	187	-	-	399
Solar Gen (MU)*	66.97	46.84	89.71	5.38	0.59	209
Energy Shortage (MU)	3.53	0.00	0.00	2.47	0.03	6.03
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	60564	55421	42421	25264	2848	182058
Time Of Maximum Demand Met (From NLDC SCADA)	22:34	14:41	19:24	23:07	19:09	20:36

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	0.057	0.34	2.41	10.22	12.96	74.53	12.51

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	10622	0	215.7	134.7	-8.7	108	0.00
	Haryana	8800	0	185.7	124.2	0.1	368	0.00
	Rajasthan	10019	4	222.0	33.0	-2.7	405	0.10
	Delhi	5273	0	107.7	96.8	-0.8	105	0.00
	UP	22683	0	453.2	212.8	0.5	587	1.48
	Uttarakhand	2200	0	45.3	26.9	1.5	148	1.15
	HP	1580	0	32.6	11.7	1.1	181	0.48
	J&K(UT) & Ladakh(UT)	2240	0	49.9	31.4	-0.6	187	0.32
	Chandigarh	224	0	4.8	5.1	-0.3	8	0.00
	Chhattisgarh	3975	0	90.4	40.5	0.6	266	0.00
WR	Gujarat	19239	0	414.8	171.4	1.7	1225	0.00
	MP	9283	0	200.6	85.9	0.0	590	0.00
	Maharashtra	23439	0	516.5	173.1	-2.2	787	0.00
	Goa	588	0	12.1	12.0	-0.3	66	0.00
	DNHDDPDCL	1205	0	27.9	27.9	0.0	59	0.00
	AMNSIL	844	0	17.5	11.3	-0.1	283	0.00
	Andhra Pradesh	8508	0	188.1	61.1	-1.2	593	0.00
SR	Telangana	7763	0	160.3	50.5	0.2	455	0.00
	Karnataka	10025	0	191.1	55.3	-1.0	780	0.00
	Kerala	3605	0	75.1	58.0	0.1	223	0.00
	Tamil Nadu	14821	0	317.3	146.0	-9.8	579	0.00
	Puducherry	411	0	9.6	9.3	-0.4	34	0.00
ER	Bihar	5821	278	111.6	100.7	-0.3	347	2.26
	DVC	3506	0	73.2	-33.1	-0.7	269	0.00
	Jharkhand	1384	0	30.0	22.3	-1.0	249	0.21
	Odisha	6527	0	133.7	74.8	-0.6	335	0.00
	West Bengal	9079	0	174.2	50.7	-0.2	503	0.00
	Sikkim	97	0	1.5	1.6	-0.1	15	0.00
	Arunachal Pradesh	144	0	2.4	2.2	-0.2	33	0.00
NER	Assam	1774	0	32.0	23.5	0.3	91	0.00
	Manipur	183	0	2.5	2.5	0.0	18	0.00
	Meghalaya	325	0	5.6	0.3	0.4	31	0.03
	Mizoram	111	0	1.9	1.6	-0.2	16	0.00
	Nagaland	146	0	2.6	2.3	-0.2	9	0.00
	Tripura	258	0	4.2	3.4	-0.3	46	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	42.0	5.6	-25.1
Day Peak (MW)	1982.0	248.9	-1067.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	255.2	-164.7	39.6	-113.7	-16.4	0.0
Actual(MU)	258.0	-153.6	13.5	-104.1	-16.4	-2.7
O/D/U/D(MU)	2.8	11.1	-26.2	9.6	0.0	-2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3023	15086	7068	3230	822	29228	46
State Sector	8470	14284	9565	2310	160	34788	54
Total	11493	29369	16633	5540	982	64016	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	686	1154	467	549	14	2870	67
Lignite	28	15	61	0	0	103	2
Hydro	247	32	45	120	36	480	11
Nuclear	20	33	62	0	0	115	3
Gas, Naptha & Diesel	21	3	9	0	23	56	1
RES (Wind, Solar, Biomass & Others)	119	220	315	5	1	660	15
Total	1120	1457	959	675	73	4284	100

Share of RES in total generation (%)	10.60	15.10	32.86	0.79	0.80	15.40
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	34.46	19.52	43.98	18.60	49.43	29.27

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.024
Based on State Max Demands	1.080

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

Executive Director-NLDC

