



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: 04th June 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., डोंगतिह, 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 03.06.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-जून 2018 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 03rd June 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

4-Jun-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49026	43879	34664	19404	2521	149493
Peak Shortage (MW)	866	96	0	0	76	1038
Energy Met (MU)	1158	1061	799	436	47	3500
Hydro Gen (MU)	291	7	28	76	18	421
Wind Gen (MU)	53	92	109	-----	-----	253
Solar Gen (MU)*	19.39	17.99	53.11	0.81	0.03	91
Energy Shortage (MU)	9.2	0.0	0.0	0.0	0.8	10.0
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	55124 22:58	47613 15:42	38757 00:00	21047 21:18	2540 19:17	160212 00:00

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	0.037	0.00	0.22	2.52	2.74	75.03	22.22

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	8238	0	176.8	103.2	-0.7	174	0.0
	Haryana	7743	0	160.2	115.0	1.1	216	0.1
	Rajasthan	11128	0	242.4	59.7	1.9	547	0.0
	Delhi	5833	0	111.8	91.1	-3.0	95	0.0
	UP	17739	0	359.5	175.6	0.8	243	0.0
	Uttarakhand	1884	0	39.6	21.1	-1.2	105	0.0
	HP	1224	0	23.7	3.6	-1.0	54	0.0
	J&K	1856	464	38.7	18.8	-3.6	152	9.1
	Chandigarh	310	0	5.2	5.7	-0.6	52	0.0
WR	Chhattisgarh	3219	0	73.9	17.4	-1.4	130	0.0
	Gujarat	15164	0	331.9	139.7	1.4	723	0.0
	MP	8200	0	171.3	78.8	-5.0	270	0.0
	Maharashtra	20003	0	443.3	132.0	-1.1	604	0.0
	Goa	416	0	8.6	8.1	0.0	28	0.0
	DD	311	0	7.1	6.4	0.8	44	0.0
	DNH	753	0	17.9	17.5	0.4	74	0.0
	Essar steel	374	0	7.0	6.8	0.2	179	0.0
SR	Andhra Pradesh	7502	0	160.0	47.2	0.9	732	0.0
	Telangana	6301	0	138.0	35.6	-1.4	404	0.0
	Karnataka	6841	0	146.7	43.9	-5.5	383	0.0
	Kerala	3072	0	62.0	51.1	0.5	189	0.0
	Tamil Nadu	11937	0	284.8	107.2	-0.8	623	0.0
	Pondy	347	0	7.2	7.7	-0.5	45	0.0
ER	Bihar	4767	0	91.3	87.9	0.6	435	0.0
	DVC	3079	0	70.2	-49.5	1.4	405	0.0
	Jharkhand	1141	0	21.7	16.4	0.5	135	0.0
	Odisha	4571	0	91.8	40.1	2.1	385	0.0
	West Bengal	8113	0	159.0	33.4	3.2	445	0.0
	Sikkim	70	0	1.5	1.3	0.2	20	0.0
NER	Arunachal Pradesh	105	3	2.1	2.3	-0.2	52	0.0
	Assam	1633	21	29.9	25.1	0.9	204	0.6
	Manipur	141	4	2.3	2.2	0.0	29	0.0
	Meghalaya	268	0	4.8	1.8	-0.1	43	0.0
	Mizoram	76	1	1.6	1.3	0.0	19	0.0
	Nagaland	106	4	2.0	1.9	0.0	21	0.0
	Tripura	256	0	4.3	3.6	0.8	37	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.4	-9.1	-15.2
Day peak (MW)	597.4	-443.6	-664.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	220.3	-183.7	31.6	-69.8	2.0	0.4
Actual(MU)	220.5	-182.3	16.0	-53.3	3.4	4.3
O/D/U/D(MU)	0.1	1.4	-15.6	16.5	1.4	3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4053	11579	7712	1545	146	25035
State Sector	7610	15491	5220	5215	50	33586
Total	11663	27070	12932	6760	196	58621

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	529	1071	509	440	9	2557
Hydro	291	7	29	76	18	422
Nuclear	31	30	46	0	0	107
Gas, Naptha & Diesel	24	47	17	0	21	110
RES (Wind, Solar, Biomass & Others)	85	110	192	1	0	388
Total	961	1265	794	518	48	3585

Share of RES in total generation (%)	8.87	8.66	24.19	0.28	0.11	10.83
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	42.44	11.60	33.72	14.99	37.59	25.60

H. Diversity Factor

All India Demand Diversity Factor	1.030
-----------------------------------	-------

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(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(सि०प्र०)/

अध्यक्ष एवं प्रबंध निदेशक(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	4-Jun-18
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765kV	GAYA-VARANASI	D/C	1	351	0.0	5.7	-5.7	
2		SASARAM-FATEHPUR	S/C	184	128	0.2	0.0	0.2	
3		GAYA-BALIA	S/C	0	517	0.0	10.3	-10.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	12.2	-12.2	
5		PUSAULI B/B	S/C	0	48	0.0	1.3	-1.3	
6	400 kV	PUSAULI-VARANASI	S/C	0	84	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	24	45	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	481	0.0	7.2	-7.2	
9		PATNA-BALIA	Q/C	0	728	0.0	13.8	-13.8	
10		BIHARSHARIFF-BALIA	D/C	0	307	0.0	5.5	-5.5	
11		MOTIHARI-GORAKHPUR	D/C	5	283	0.0	4.8	-4.8	
12	BIHARSHARIFF-VARANASI	D/C	254	34	0.0	1.1	-1.1		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	202	0.0	4.1	-4.1	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	35	0	0.3	0.0	0.3	
16		KARMANASA-SAHUPURI	S/C	0	39	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
						ER-NR	0.5	66.0	-65.5
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	931	0	17.2	0.0	17.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	583	80	5.8	0.0	5.8	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	1117	0	17.7	0.0	17.7	
21		RANCHI-SIPAT	D/C	292	0	4.2	0.0	4.2	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	111	160	0.7	0.0	0.7	
23		BUDHIPADAR-KORBA	D/C	64	7	1.8	0.0	1.8	
						ER-WR	47.4	0.0	47.4
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1491.8	0.0	22.9	-22.9	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	568.2	0.0	13.5	-13.5	
26		LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1187.2	0.0	23.0	-23.0
27	400 kV	TALCHER-I/C	D/C	857.2	0.8	0.0	14.3	-14.3	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	59.4	-59.4
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	489	0.0	8.4	-8	
30		ALIPURDUAR-BONGAIGAON	D/C	96	244	0.0	2.8	-3	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	166	0.0	2.8	-3	
						ER-NER	0.0	14.0	-14.0
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.3	-11.3	
						NER-NR	0.0	11.3	-11.3
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1605	0.0	31.4	-31.4	
34		V'CHAL B/B	D/C	250	0	0.0	4.3	-4.3	
35		APL -MHG	D/C	0	1814	0.0	35.2	-35.2	
36	765 kV	GWALIOR-AGRA	D/C	0	1235	0.0	23.5	-23.5	
37		PHAGI-GWALIOR	D/C	0	1338	0.0	27.7	-27.7	
38		JABALPUR-ORAI	D/C	0	1215	0.0	21.0	-21.0	
39		GWALIOR-ORAI	S/C	320	0	5.1	0.0	5.1	
40		SATNA-ORAI	S/C	0	1812	0.0	37.2	-37.2	
41		ZERDA-KANKROLI	S/C	432	0	7.5	0.0	7.5	
42	400 kV	ZERDA -BHINMAL	S/C	436	0	7.2	0.0	7.2	
43		V'CHAL -RIHAND	S/C	949	0	20.1	0.0	20.1	
44		RAPP-SHUJALPUR	D/C	0	218	0	1	-1	
45	220 kV	BADOD-KOTA	S/C	22	94	0.1	0.6	-0.6	
46		BADOD-MORAK	S/C	0	115	0.0	1.4	-1.4	
47		MEHGAON-AURAIYA	S/C	16	25	0.0	0.1	-0.1	
48		MALANPUR-AURAIYA	S/C	0	51	0.0	0.7	-0.7	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	40.1	184.4	-144.4
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	0	0.0	0.0	0.0	
51		LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	855	684	0.0	3.8	-3.8	
53		WARDHA-NIZAMABAD	D/C	0	1447	0.0	9.7	-9.7	
54	400 kV	KOLHAPUR-KUDGI	D/C	1010	0	18.8	0.0	18.8	
55	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5	
						WR-SR	20.3	13.5	6.8
TRANSNATIONAL EXCHANGE									
58		BHUTAN						11.4	
59		NEPAL						-9.1	
60		BANGLADESH						-15.2	