



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: 30th Apr 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, 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. 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., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 29.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-अप्रैल-2018 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 29th Apr 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

30-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	44756	45193	39874	18493	2219	150535
Peak Shortage (MW)	524	34	0	0	118	676
Energy Met (MU)	1036	1126	957	387	37	3542
Hydro Gen(MU)	168	30	50	36	8	292
Wind Gen(MU)	25	110	42	-----	-----	177
Solar Gen (MU)*	16.47	21.28	53.68	0.82	0.03	92
Energy Shortage (MU)	11.0	0.0	0.0	0.0	1.7	12.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48687	47544	42338	18917	2203	156078

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	0.021	0.00	0.00	1.23	1.23	88.53	10.24

C. Power Supply Position in States

Region/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	6673	0	138.4	63.2	-0.5	135	0.0
	Haryana	7263	18	140.2	69.8	2.1	322	1.0
	Rajasthan	9638	0	205.2	66.1	2.6	620	0.0
	Delhi	4796	0	97.8	75.7	-0.7	206	0.0
	UP	16495	450	347.0	111.6	4.3	678	0.0
	Uttarakhand	1774	0	37.8	18.6	0.2	86	0.0
	HP	1240	0	23.4	11.1	-0.1	140	0.0
	J&K	2185	546	42.3	24.6	6.6	506	10.0
WR	Chandigarh	206	0	4.2	4.5	-0.3	10	0.0
	Chhattisgarh	3602	0	82.3	20.5	-1.0	321	0.0
	Gujarat	14745	0	334.5	158.1	1.9	530	0.0
	MP	8066	0	178.5	68.9	-4.0	198	0.0
	Maharashtra	21758	0	493.4	143.4	3.1	473	0.0
	Goa	500	0	10.8	9.3	0.8	49	0.0
	DD	313	0	7.2	6.7	0.5	39	0.0
	DNH	738	0	17.5	16.9	0.6	46	0.0
SR	Essar steel	95	0	1.7	1.2	0.5	5	0.0
	Andhra Pradesh	8437	0	179.1	60.6	1.0	538	0.0
	Telangana	6957	0	155.5	58.7	-0.3	324	0.0
	Karnataka	9519	0	208.5	75.2	0.2	416	0.0
	Kerala	3721	0	72.2	50.0	1.3	212	0.0
	Tamil Nadu	14199	0	333.0	168.9	0.7	395	0.0
ER	Pondy	348	0	8.3	8.0	0.3	62	0.0
	Bihar	4344	0	79.0	76.8	-2.4	50	0.0
	DVC	3033	0	69.2	-49.6	-0.2	250	0.0
	Jharkhand	1056	0	20.7	18.2	-0.2	180	0.0
	Odisha	3685	0	71.8	26.6	0.5	150	0.0
	West Bengal	7354	0	144.8	19.7	1.6	280	0.0
NER	Sikkim	87	0	1.3	1.4	-0.2	20	0.0
	Arunachal Pradesh	109	11	2.0	1.9	0.2	26	0.0
	Assam	1395	80	20.6	16.0	-0.1	106	1.4
	Manipur	145	13	1.8	2.3	-0.5	27	0.0
	Meghalaya	263	12	5.5	3.0	-0.1	36	0.0
	Mizoram	80	9	1.6	1.3	-0.1	1	0.0
NER	Nagaland	121	4	2.1	2.0	0.0	27	0.0
	Tripura	211	28	3.0	2.8	-0.8	74	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-9.3	-13.7
Day peak (MW)	166.4	-493.8	-647.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.7	-170.6	97.3	-87.2	1.3	0.5
Actual(MU)	163.6	-174.7	97.3	-88.1	-2.1	-4.1
O/D/U/D(MU)	3.9	-4.1	0.0	-0.9	-3.4	-4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5662	14448	6152	1350	156	27768
State Sector	7520	16727	4440	4495	50	33232
Total	13182	31175	10592	5845	206	60999

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	584	1072	646	462	9	2773
Hydro	168	30	51	36	8	294
Nuclear	18	31	24	0	0	74
Gas, Naptha & Diesel	41	53	21	0	24	140
RES (Wind, Solar, Biomass & Others)	71	132	130	2	0	334
Total	884	1318	873	499	41	3614

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 30-Apr-18
SI 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	52	237	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	289	61	1.8	0.0	1.8
3		GAYA-BALIA	S/C	0	376	0.0	6.7	-6.7
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	147	0.0	3.7	-3.7
6	400 kV	PUSAULI-VARANASI	S/C	0	140	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	69	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	31	431	0.0	4.7	-4.7
9		PATNA-BALIA	Q/C	0	783	0.0	12.2	-12.2
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	4.1	-4.1
11		MOTIHARI-GORAKHPUR	D/C	0	269	0.0	4.3	-4.3
12		BIHARSHARIFF-VARANASI	D/C	164	248	0.0	0.1	-0.1
13		220 kV	PUSAULI-SAHUPURI	S/C	0	188	0.0	3.6
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	10	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						2.2	45.4	-43.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	141	360	0.0	4.6	-4.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	243	512	0.0	4.8	-4.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	599	61	5.5	0.0	5.5
21		RANCHI-SIPAT	D/C	455	0	7.1	0.0	7.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	15	129	0.0	1.4	-1.4
23		BUDHIPADAR-KORBA	D/C	225	0	3.7	0.0	3.7
ER-WR						16.3	10.7	5.6
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1710.8	0.0	28.7	-28.7
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	235.2	0.0	9.8	-9.8
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1868.8	0.0	42.0	-42.0
27	400 kV	TALCHER-I/C	D/C	0.0	983.4	0.0	15.3	-15.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	80.6	-80.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	4	1148	0.0	5.2	-5
30		ALIPURDUAR-BONGAIGAON	D/C	0	974	0.0	7.4	-7
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	171	0.0	2.3	-2
ER-NER						0.0	14.9	-14.9
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	17.2	-17.2
NER-NR						0.0	17.2	-17.2
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1088	0.0	37.9	-37.9
34		V'CHAL B/B	D/C	250	250	1.8	0.9	0.9
35		APL -MHG	D/C	0	392	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	1620	0.0	30.0	-30.0
37		PHAGI-GWALIOR	D/C	0	1572	0.0	31.6	-31.6
38		JABALPUR-ORAI	D/C	0	560	0.0	6.5	-6.5
39		GWALIOR-ORAI	S/C	346	0	7.0	0.0	7.0
40		SATNA-ORAI	S/C	1823	0	0.0	39.8	-39.8
41	400 kV	ZERDA-KANKROLI	S/C	444	0	8.3	0.0	8.3
42		ZERDA -BHINMAL	S/C	448	0	7.0	0.0	7.0
43		V'CHAL -RIHAND	S/C	950	0	21.9	0.0	21.9
44		RAPP-SHUALPUR	D/C	0	180	0	1	-1
45	220 kV	BADOD-KOTA	S/C	35	60	0.2	0.3	-0.1
46		BADOD-MORAK	S/C	0	76	0.0	0.8	-0.8
47		MEHGAON-AURAIYA	S/C	159	0	3.1	0.0	3.1
48		MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						49.3	156.3	-107.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.7	-16.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1491	0.0	18.3	-18.3
53		WARDHA-NIZAMABAD	D/C	0	1974	0.0	33.7	-33.7
54	400 kV	KOLHAPUR-KUDGI	D/C	580	0	5.3	0.0	5.3
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	100	0	2.2	0.0	2.2
WR-SR						7.5	68.7	-61.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.2
59		NEPAL						-9.3
60		BANGLADESH						-13.7