



**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: 16<sup>th</sup> April 2017

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., डोंगतेह, 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 15.04.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15 अप्रैल 2017 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 15<sup>th</sup> April 2017, 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

15-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	45056	46942	38718	18464	1872	151052
Peak Shortage (MW)	461	23	0	6	374	864
Energy Met (MU)	943	1165	946	390	36	3480
Hydro Gen(MU)	203	37	41	39	6	327
Wind Gen(MU)	18	65	46	-----	-----	129
Solar Gen (MU)*	3.87	13.38	23.20	1.09	0.02	42

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	0.032	0.00	0.00	2.72	2.72	74.83	22.45

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)
NR	Punjab	6075	0	120.5	0.0	0.0	0
	Haryana	6714	0	121.5	64.4	-3.5	119
	Rajasthan	8904	0	188.1	95.7	-3.0	360
	Delhi	4246	0	89.7	73.0	-2.7	294
	UP	15939	0	323.3	74.2	-0.4	310
	Uttarakhand	1917	0	36.4	133.2	1.9	729
	HP	1120	0	22.8	18.2	1.3	186
	J&K	1893	473	36.5	10.8	-0.6	127
WR	Chandigarh	209	0	4.3	22.9	-4.4	70
	Chhattisgarh	3963	0	94.3	34.4	-1.0	120
	Gujarat	15681	0	348.6	77.9	0.4	370
	MP	8301	0	183.6	110.1	-1.4	395
	Maharashtra	22159	19	495.4	142.2	3.2	672
	Goa	494	0	10.7	9.2	1.2	98
	DD	300	0	5.5	5.6	-0.1	15
	DNH	759	0	17.3	16.4	0.9	51
SR	Essar steel	481	0	9.9	9.1	0.8	212
	Andhra Pradesh	7284	0	164.9	27.8	0.0	595
	Telangana	8237	0	171.9	78.7	-0.4	656
	Karnataka	9653	0	215.9	82.6	4.3	483
	Kerala	3641	0	72.0	55.2	2.0	286
	Tamil Nadu	14376	0	313.4	145.2	-1.6	791
ER	Pondy	349	0	7.5	7.8	-0.2	72
	Bihar	3450	0	60.3	61.6	-2.1	190
	DVC	2918	0	64.0	-38.0	0.5	480
	Jharkhand	1112	0	24.6	17.3	1.1	213
	Odisha	4250	0	85.7	27.1	2.1	360
	West Bengal	7665	0	154.3	56.2	2.4	550
NER	Sikkim	88	0	1.2	1.5	-0.2	23
	Arunachal Pradesh	100	2	2.0	1.6	0.4	44
	Assam	1225	151	21.3	16.3	1.7	250
	Manipur	141	2	2.5	2.1	0.4	13
	Meghalaya	215	0	3.8	2.9	-0.2	35
	Mizoram	78	2	1.4	1.1	0.3	33
Nagaland	102	1	1.9	1.7	0.0	53	
Tripura	226	1	3.0	3.0	-0.6	81	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.1	-4.8	-14.9
Day peak (MW)	345.8	-279.1	-665.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.5	-227.4	94.9	-44.7	7.4	12.7
Actual(MU)	182.1	-225.3	89.1	-40.7	2.6	7.9
O/D/U/D(MU)	-0.4	2.1	-5.8	4.0	-4.8	-4.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5326	11329	3230	1510	800	22195
State Sector	11780	13726	6272	6494	110	38382
Total	17106	25055	9502	8004	909	60577

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(बि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	15-Apr-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	278	0.0	6.7	-6.7	
2		SASARAM-FATEHPUR	S/C	0	27	3.1	0.0	3.1	
3	HVDC	GAYA-BALIA	S/C	0	358	0.0	5.1	-5.1	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.7	-3.7	
6		PUSAULI-VARANASI	S/C	0	147	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	35	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	486	0.0	5.1	-5.1	
9		PATNA-BALIA	Q/C	0	756	0.0	15.0	-15.0	
10		BIHARSHARIFF-BALIA	D/C	0	150	0.0	1.7	-1.7	
11		BARH-GORAKHPUR	D/C	0	539	0.0	10.4	-10.4	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.8	0.0	0.8		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	229	0.0	4.5	-4.5	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						4.4	52.1	-47.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	78	4.1	0.0	4.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	111	5.8	0.0	5.8	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	34	1.4	0.0	1.4	
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.2	0.0	6.2	
25		BUDHIPADAR-RAIGARH	S/C	0	75	0.0	0.6	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3	
ER-WR						25.8	0.6	25.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.0	-11.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.1	0.0	14.5	-14.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2309.0	0.0	45.4	-45.4	
30	400 KV	TALCHER-1C	D/C	0.0	98.6	9.1	0.4	8.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	70.9	-70.9	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	154	3.6	0.0	4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	156	5.2	0.0	5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.3	0.0	0	
ER-NER						9.1	0.0	9.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.7	0.0	11.7	
NER-NR						11.7	0.0	11.7	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.1	-31.1	
37		V'CHAL B/B	D/C	500	0	9.3	0.0	9.3	
38		APL -MHG	D/C	0	2015	0.0	46.5	-46.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2742	0.0	48.1	-48.1	
40		PHAGI-GWALIOR	D/C	0	1446	0.0	23.1	-23.1	
41	400 KV	ZERDA-KANKROLI	S/C	284	15	4.9	0.0	4.9	
42		ZERDA -BHINMAL	S/C	244	78	3.4	0.0	3.4	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	376	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	42	36	0.2	0.4	-0.3	
46		BADOD-MORAK	S/C	0	75	0.0	0.8	-0.8	
47		MEHGAON-AURAIYA	S/C	54	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	24	2	0.2	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						18.7	152.8	-134.1	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2103	0.0	35.4	-35.4	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	85	402	0.1	3.3	-3.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	251	0.0	5.1	-5.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	96	0	2.0	0.0	2.0	
WR-SR						2.1	85.7	-83.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.1	
59		NEPAL						-4.8	
60		BANGLADESH						-14.9	