

National Load Despatch Centre पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड POWER SYSTEM ORERATION CORROBATION UM

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report Date: 16th July, 2016

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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 कार्यपालक निदेशक, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi 110016
- 3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, 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. कार्यपालक 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 15.07.2016.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 15.07.16 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर निम्न लिंक 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 15th July 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/16.07.16_NLDC_PSP.pdf

Thanking You.

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day Date of Reporting 16-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44642	38054	35653	17746	2343	138438
Peak Shortage (MW)	1428	98	0	442	183	2151
Energy Met (MU)	1064	853	858	384	44	3203
Hydro Gen(MU)	265	77	56	76	22	496
Wind Gen(MU)	35	62	81			178

B. Frequency Profile (%)

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	0.31	7.56	7.87	73.18	18.95
SR GRID	0.00	0.00	0.31	7.56	7.87	73.18	18.95

C.Power Supply Position in States

		Max. Demand	Shortage during	Energy	Drawal	OD(+)/	Max
RegionRegion States	Met during the	maximum Demand	Met (MU)	Schedule (MU)	UD(-) (MU)	OD (MW	
		day (MW)	(MW)	Met (MO)	Schedule (MO)	OD(-) (MO)	OD (MW
	Punjab	9618	0	220.3	129.3	-0.7	135
	Haryana	8474	0	172.4	139.8	-2.9	103
	Rajasthan	7823	0	165.6	40.5	0.8	336
	Delhi	5159	4	107.2	87.3	0.4	261
NR	UP	14685	0	300.2	134.6	-1.0	294
	Uttarakhand	1739	38	38.1	24.1	3.3	339
	HP	1245	0	23.4	-0.5	2.6	364
	J&K	1494	374	30.3	11.1	-3.2	47
	Chandigarh	313	0	6.2	6.3	-0.1	32
	Chhattisgarh	3432	0	77.9	23.5	0.5	920
	Gujarat	11869	0	262.6	55.2	-3.1	469
	MP	6220	0	127.4	69.5	-6.2	253
WR G	Maharashtra	15811	0	343.7	107.8	5.6	508
	Goa	443	0	8.8	6.9	1.5	79
	DD	297	0	6.5	6.0	0.5	58
	DNH	715	0	16.4	16.7	-0.3	12
	Essar steel	434	0	9.9	10.0	-0.2	272
	Andhra Pradesh	7175	0	162.7	33.8	6.0	711
	Telangana	6527	0	141.0	85.5	-0.3	430
JN I	Karnataka	7980	0	169.7	69.3	6.0	795
	Kerala	3230	0	60.9	40.9	1.2	179
	Tamil Nadu	14200	0	315.9	127.9	1.5	851
	Pondy	331	0	7.4	7.4	0.0	28
	Bihar	3402	0	68.5	68.4	-2.1	425
	DVC	2614	0	60.5	-30.9	0.8	298
ER	Jharkhand	986	0	19.9	17.5	-0.4	186
LIN	Odisha	3650	0	77.8	27.2	1.1	385
West Bengal Sikkim	West Bengal	7624	0	155.7	42.0	1.6	365
	Sikkim	89	0	1.7	1.6	0.1	15
Arunachal Pradesh Assam Manipur NER Meghalaya Mizoram	107	2	2.1	1.7	0.5	26	
	Assam	1524	65	29.3	21.8	3.3	313
	Manipur	134	4	1.8	1.9	-0.1	71
	Meghalaya	266	0	3.4	0.2	-1.1	125
	Mizoram	73	3	1.2	1.0	0.2	46
	Nagaland	100	3	1.6	1.7	-0.1	14
Tr	Tripura	240	6	4.5	3.0	1.4	164

 ${\color{red} \textbf{D. Transnational Exchanges} \ (MU) - Import(+ve)/Export(-ve)}$

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.4	-4.6	-12.4
Day peak (MW)	1495.7	-196.3	-539.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.6	-169.7	71.7	-88.4	-4.6	-1.4
Actual(MU)	192.3	-175.9	76.9	-90.9	-0.4	2.0
O/D/U/D(MU)	2.7	-6.2	5.2	-2.5	4.2	3.4

F. Generation Outage(MW)

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	NR	WR	SR	ER	NER	Total		
Central Sector	5657	17925	1430	2050	432	27494		
State Sector	11105	21488	8271	4649	110	45623		
Total	16762	39413	9701	6699	541	73117		

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के॰वि॰पा॰(ग्रि॰प्र॰)/ अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिङ)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

2	INTER-REGIONAL EXCHANGES Date of Reporting:						16-Jul-
Level			Max	Max		Evnout	Import=(+ve) /Export =(-ve) for NET (MU) NET
1	Line Details	Circuit	Import (MW)	Export (MW)	Import (MU)	Export (MU)	(MU)
765KV 5ASA 3		D/C	0	200	0.0	11.0	11.0
3 GAY/4 4 HVDC PUSA 5 PUSA 6 PUSA 7 MUZ/8 9 MUZ/8 10 BIHA 11 12 220 KV PUSA 13 MUZ/8 14 132 KV GARN 15 GAY/1 16 GAY/1 17 765 KV PUSA 18 765 KV HAD 19 PUSA 19 PUSA 10 GAY/1 11 GARN 11 GARN 12 CAN 13 FUDC GARN 14 GARN 15 GARN 16 FUDC GARN 17 GARN 18 FUDC GARN 19 FUDC GARN 19 FUDC GARN 19 FUDC GARN 10 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 17 GARN 18 FUDC 19 GARN 10 GARN 10 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 17 GARN 18 GARN 19 GARN 19 GARN 19 GARN 10 GARN 11 GARN 11 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 17 GARN 18 GARN 19 GARN 19 GARN 19 GARN 19 GARN 10 GARN 11 GARN 11 GARN 11 GARN 11 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 16 GARN 17 GARN 18 GARN 19 GARN 19 GARN 19 GARN 10 GARN 11 GARN 11 GARN 11 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 16 GARN 16 GARN 17 GARN 18 GARN 18 GARN 19 GARN 19 GARN 10 GARN 11 GARN 11 GARN 11 GARN 11 GARN 11 GARN 12 GARN 13 GARN 14 GARN 15 GARN 16 GARN 16 GARN 16 GARN 16 GARN 17 GARN 18 GARN 18 GARN 19 GARN 19 GARN 19 GARN 19 GARN 19 GARN 10 GARN 11 GARN 11	AYA-VARANASI ASARAM-FATEHPUR	D/C S/C	189	389	0.0 2.8	11.9 0.0	-11.9 2.8
HVDC	AYA-BALIA	S/C	0	353	0.0	5.8	-5.8
Second Color Col		S/C	0	199		4.7	-4.7
10	USAULI B/B				0.0		
Note	USAULI-SARNATH	S/C D/C	0	172 64	0.0	0.0	0.0
8	USAULI -ALLAHABAD IUZAFFARPUR-GORAKHPUR	D/C D/C	3	588	0.0	10.9	-10.9
9 BIHA 10 BIHA 11 12 220 KV PUSA 13 13 KARN 16 To KARN 17 765 KV ROUE 18 ROUE 20 A00 KV BIHA 21 220 KV BUDE 22 220 KV BUDE 23 A00 KV EAU 25 A00 KV EAU 26 HVDC EYPP 27 LINK TALC 28 400 KV TALC 29 220 KV BUDE 20 A00 KV BALI ADDORT/Export of ER (V 30 400 KV BALI 31 220 KV BURP ADDORT/Export of NR (V 32 HVDC BISW ADDORT/Export of NR (V 33 HVDC BISW ADDORT/Export of NR (V 34 HVDC BISW ADDORT/Export of WR (V 35 A00 KV EAU 36 A55 KV GWA 37 400 KV ZERD 38 400 KV ZERD 38 400 KV ZERD 39 400 KV ZERD 38 400 KV ZERD 39 400 KV ZERD 39 400 KV ZERD 39 400 KV ZERD 39 400 KV ZERD 38 400 KV ZERD 39 400 KV ZERD 31 400 KV ZERD 31 400 KV ZERD 32 400 KV ZERD 34 400 KV ZERD 35 A00 KV ZERD 36 A00 KV ZERD 37 400 KV ZERD 38 400 KV ZERD 38 400 KV ZERD 38 400 KV ZERD 39 400 KV ZERD 31 400 KV ZERD 31 400 KV ZERD 31 400 KV ZERD 32 400 KV ZERD 33 400 KV ZERD 34 400 KV ZERD 35 A00 KV ZERD 36 A00 KV ZERD 37 400 KV ZERD 38 400 KV ZERD 39 400 KV ZERD 30 400 KV ZERD 31 ZERD 3		Q/C	0	954	0.0	16.0	-16.0
11	IHARSHARIFF-BALIA	D/C	63	142	0.0	2.1	-2.1
12	ARH-GORAKHPUR	D/C	0	554	0.0	10.8	-10.8
13	IHARSHARIFF-VARANASI	D/C	30	0	0.0	0.0	0.0
14	USAULI-SAHUPURI	S/C	0	243	0.0	4.7	-4.7
15	ONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
16	ARWAH-RIHAND ARMANASA-SAHUPURI	S/C	0	0	0.5	0.0	0.5
17	ARMANASA-SAHUPURI ARMANASA-CHANDAULI	S/C S/C	0	0	0.7	0.0	0.7
17	. IRANI MON CHAIDAULI	5/0	U	ER-NR	4.0	66.9	-62.8
18	R (With WR)						
18 NEW NEW ROUF STYPE STER RANC STER STER	HARSUGUDA-DHARAMJAIGARH S/C	D/C	0	778	0.0	12.0	-12.0
19	EW RANCHI-DHARAMJAIGARH	D/C	375	147	3.2	0.0	3.2
20	OURKELA - RAIGARH (SEL LILO YPASS)	S/C	112	18	1.2	0.0	1.2
22 STER 223 RANK 24 BUDE 25 POPPLE POPPLE POPPLE 27 LINK TALC 28 400 KV TALC 29 220 KV BINA 30 400 KV BINA 31 220 KV BINA 31 220 KV BINA 32 HVDC BISW 10 HVDC BISW 10 HVDC APL- 35 765 KV GWA 36 765 KV PHAC 37 400 KV ZERD 38 400 KV ZERD 39 400 KV GRAPP 41 BADC 42 220 KV 43 BADC 44 HVDC BISW 44 HVDC BISW 45 BADC 46 HVDC BISW 47 HVDC BISW 48 ADG 49 400 KV CHL 40 HVDC BISW 41 BADC 42 BADC 44 BADC 45 BADC 46 HVDC BISW 47 BADC 48 BADC 49 400 KV SCHL 40 HVDC BISW 41 BADC 42 BADC 44 BADC 45 BADC 46 HVDC 47 BADC 48 BADC 49 400 KV SCHL 49 400 KV SCHL 50 KOLF	HARSUGUDA-RAIGARH	S/C	111	4	1.3	0.0	1.3
23	BEUL-RAIGARH	S/C	58	95	2.1	0.0	2.1
220 KV BUDE	TERLITE-RAIGARH	D/C	30	0	1.1	0.0	1.1
220 kV BUDE	ANCHI-SIPAT	D/C	197	38	2.0	0.0	2.0
Nort/Export of ER (V 26	UDHIPADAR-RAIGARH	S/C	0	150	0.0	1.6	-1.6
26	UDHIPADAR-KORBA	D/C	66	101 ER-WR	0.0 10.8	0.2	-0.2 -3.0
26	R (With SR)			ER-WK	10.8	13.0	-3.0
27	EYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	15.3	-15.3
29	ALCHER-KOLAR BIPOLE	D/C	0.0	1974	0.0	42.5	-42.5
None	ALCHER-I/C		12.8	705	0.0	11.8	-11.8
30	ALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
30	D (MY) L MED)			ER-SR	0.0	57.8	-57.8
31 220 KV BIRP/	K (WITH NEK) INAGURI-BONGAIGAON	Q/C	106	547	0.0	6.8	-7
Nort/Export of NR (V 32	IRPARA-SALAKATI	D/C	0	0	0.0	2.8	-3
32 HVDC BISW nport/Export of WR (1 33 HVDC VCH. 34 HVDC APL- 35 765 KV GWAC 37 400 KV ZERD 38 400 KV ZERD 39 400 KV VCH. 40 400 KV RAPP 41 BADC 42 20 KV MEH 44 MAL 45 132KV GWA nport/Export of WR (1 46 HVDC BHAI 47 LINK BARS 48 765 KV SOLA 49 400 KV KOLE 50 KOLE 51 220 KV		2,0		ER-NER	0.0	9.6	-9.6
Nort/Export of WR (V Nort	R (With NER)						,Li
33 HVDC VCH. 34 HVDC APL- 35 765 KV GWA' 36 765 KV PHAC 37 400 KV ZERD 38 400 KV ZERD 39 400 KV VCH. 40 400 KV RAPP 41 BADC 42 220 KV BADC 43 132KV GWA' 45 132KV GWA' 46 HVDC BABA 48 765 KV SOLA 49 400 KV KOLF 50 KOLF 51 220 KV	ISWANATH CHARIALI-AGRA	-	500	0	11.4	0.0	11.4
33 HVDC VCH. 34 HVDC APL- 35 765 KV GWA' 36 765 KV PHAC 37 400 KV ZERD 38 400 KV ZERD 39 400 KV VCH. 40 400 KV RAPP 41 BADC 42 220 KV BADC 43 132KV GWA' 45 132KV GWA' 46 HVDC BABA 48 765 KV GLA 49 400 KV KOLF 50 KOLF 51 220 KV				NR-NER	11.4	0.0	11.4
34 HVDC APL- 35 765 KV GWA' 36 765 KV PHACA 37 400 KV ZERD 38 400 KV VCHL 40 400 KV RAPP 41 220 KV BADC 44 43 44 45 132KV GWA' 46 HVDC BHAI 47 LINK BARS 48 765 KV BADC 50 KOLF 51 220 KV		D.00	250	100	1.2	0.0	1.0
35	'CHAL B/B PL -MHG	D/C D/C	250	100 2520	4.3 0.0	0.2 54.1	4.2 -54.1
36	PL -MHG WALIOR-AGRA	D/C D/C	0	2882	0.0	48.9	-54.1
37	HAGI-GWALIOR	D/C	0	1312	0.0	23.3	-23.3
38	ERDA-KANKROLI	S/C	300	0	3.7	0.0	3.7
40 400KV RAPP	ERDA -BHINMAL	S/C	269	0	3.1	0.0	3.1
41	'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42 43 44 45 132KV GWA	APP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0
43 20 kV MEH4 44 MAL 45 132kV GWA 132kV GWA 132kV GWA 132kV GWA 132kV GWA 132kV GWA 146 HVDC 47 LINK BARS 47 LINK BARS 48 765 kV SOLA 49 400 kV KOLF 50 KOLF 51 220 kV PONE	ADOD-KOTA	S/C	37	52	0.1	0.5	-0.4
MAL/ 45 132KV GWA MORTO GWA (1 1 1 1 1 1 1 1 1 1	ADOD-MORAK	S/C	0	75	0.0	1.0	-1.0
45 132KV GWA: aport/Export of WR (\(\) 46 HVDC BHAE 47 LINK BARS 48 765 KV SOLA 49 400 KV KOLE 50 KOLE 51 220 KV PONE	IEHGAON-AURAIYA IALANPUR-AURAIYA	S/C S/C	58 33	0	0.6	0.0	0.6
## Apport/Export of WR (Value of WR) ## Apport/Export of WR (Value of WR) ## Apport	WALIOR-SAWAI MADHOPUR	S/C	0	0	0.2	0.0	0.2
46 HVDC BHAIL 47 LINK BARS 48 765 KV SOLA 49 400 KV KOLF 50 KOLF 51 220 KV PONE		5,0	· · ·	WR-NR	12.0	127.9	-115.9
47 LINK BARS 48 765 KV SOLA 49 400 KV KOLF 50 KOLF 51 220 KV PONE	R (With SR)						
48 765 KV SOLA 49 400 KV KOLF 50 KOLF 51 220 KV PONE	HADRAWATI B/B	-	0	1000	0.0	16.8	-16.8
49 400 KV KOLF 50 KOLF 51 220 KV PONE	ARSUR-L.SILERU	<u> </u>	0	0	0.0	0.0	0.0
50 KOLF 51 220 KV PONE	OLAPUR-RAICHUR	D/C	0	2484	0.0	47.2	-47.2
51 220 KV PONE	OLHAPUR-KUDGI	D/C	33	169	1.3	0.0	1.3
	OLHAPUR-CHIKODI	D/C	0	176	0.0	3.9	-3.9
AELL AELL	ONDA-AMBEWADI ELDEM-AMBEWADI	S/C S/C	0 81	0	0.0	0.0	0.0
	DED DATE MINDE IN A DATE	5/0	01	WR-SR	3.1	67.8	-64.7
	TRANCA	NATIONA	L EXCHA		J.1	07.0	-04.7
54 BHU'	HUTAN	ALIONA	ь елепа	TOE			3
	EPAL	1					