

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

दिनांक: 11th Dec 2020

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता - 700033
 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033

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., डोंगतिएह, 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 10.12.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10–दिसम्बर -2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट 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 10th December 2020, is available at the NLDC website.

धन्यवाद.

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



2547

18:02

39941

Date of Reporting: Report for previous day A. Power Supply Position at All India and Regional level 11-Dec-2020 NR 47613 WR TOTAL SR ER NER Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs) 38028 Peak Shortage (MW) 500 0 60 47 607 Energy Met (MU) Hydro Gen (MU) 953 1248 832 342 44 3419 70 123 41 37 12 283 49 99.78 0.00 Wind Gen (MU) Solar Gen (MU)* 23 31.94 92 173 21 36.57 4.23 0.09 Souar Gen (MU)²
Energy Shortage (MU)
Maximum Demand Met During the Day (MW) (From NLDC SCADA)
Time Of Maximum Demand Met (From NLDC SCADA) 10.38 0.00 60805 0.18 17611 0.52 11.08 165424

10:41

B. Frequency Profile (%) Region All India FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05 0.029 0.00 0.00

49291

09:41

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the dav(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortag (MU)
	Punjab	6522	0	125.4	74.4	-1.4	66	0.00
	Haryana	6376	0	128.7	97.5	0.0	252	0.00
	Rajasthan	13410	0	252.2	71.9	-1.2	583	0.00
	Delhi	3492	0	62.6	45.2	0.5	206	0.00
NR	UP	14961	0	262.5	88.4	0.4	471	0.38
	Uttarakhand	1979	0	37.0	22.7	0.4	125	0.00
	HP	1654	0	29.9	24.2	-0.9	110	0.00
	J&K(UT) & Ladakh(UT)	2708	500	52.1	47.0	0.1	267	10.00
	Chandigarh	198	0	3.2	3.3	-0.1	11	0.00
	Chhattisgarh	3617	0	80.2	26.8	-0.5	215	0.00
	Guiarat	16320	0	350.0	74.0	3.0	770	0.00
	MP	14626	0	288.9	184.1	-2.5	647	0.00
WR	Maharashtra	23537	0	475.4	157.6	-5.3	602	0.00
	Goa	520	0	10.7	10.8	-0.1	64	0.00
	DD	342	0	7.3	7.1	0.2	185	0.00
	DNH	805	0	18.6	18.4	0.2	271	0.00
	AMNSIL	790	0	17.1	3.1	0.3	331	0.00
	Andhra Pradesh	7270	0	150.1	65.1	0.1	331	0.00
SR	Telangana	8828	0	170.8	57.7	1.0	550	0.00
	Karnataka	9809	0	183.9	62.1	-0.5	949	0.00
	Kerala	3490	0	70.3	51.3	1.3	199	0.00
	Tamil Nadu	12714	0	250.3	156.1	0.5	654	0.00
	Puducherry	331	0	6.9	7.2	-0.3	27	0.00
	Bihar	4256	0	73.45	73.6	-0.1	345	0.00
	DVC	2929	0	61.4	-38.4	-0.9	270	0.00
	Jharkhand	1468	0	24.19	20.5	-1.9	180	0.18
ER	Odisha	3659	0	67.8	3.4	-0.3	375	0.00
	West Bengal	6212	0	113.32	10.5	1.4	550	0.00
	Sikkim	116	0	1.7	1.9	-0.2	15	0.00
	Arunachal Pradesh	120	2	2.4	2.3	0.1	21	0.01
	Assam	1436	17	24.4	19.6	0.6	110	0.48
	Manipur	233	1	3.1	3.4	-0.3	30	0.01
NER	Meghalaya	354	0	6.5	4.1	0.1	39	0.00
	Mizoram	109	1	1.6	1.4	-0.1	26	0.01
	Nagaland	136	1	2.3	1.9	0.2	16	0.01
	Tripura	217	2	3.6	3.3	-0.2	55	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) -13.9 -823.0 Bhutan Actual (MU) Day Peak (MW)

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	259.2	-282.0	134.1	-112.3	1.0	0.0
Actual(MU)	238.8	-255.9	129.8	-122.6	1.7	-8.3
O/D/U/D(MU)	-20.4	26.1	-4.4	-10.3	0.7	-8.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6966	13185	10882	2740	539	34311
State Sector	12956	12659	12827	4772	11	43225
Total	19922	25844	23709	7512	550	77536
1 V MIII	1/722	20044	25/07	7.512	530	11330

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	453	1268	386	444	7	2559
Lignite	23	19	23	0	0	65
Hydro	123	41	70	37	12	283
Nuclear	28	31	37	0	0	96
Gas, Naptha & Diesel	26	101	13	0	28	168
RES (Wind, Solar, Biomass & Others)	83	68	183	4	0	338
Total	735	1530	712	486	47	3509
CI CDCC' 4.4 I (0/)						
Share of RES in total generation (%)	11.24	4.46	25.75	0.87	0.19	9.64
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	31.69	9.22	40.76	8.52	26.45	20.46

H. All India Demand Diversity Factor Based on Regional Max Demands

Based on State Max Demands	1.061
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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.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)

No. of Circuit Mas Import (MW) Max Export (MW) Import (MU) Property	(MU) NET (MU) 0 0.0 1 -7.1 .8 -10.8 3 -4.3 0 -7.0 7 -5.7 2 -1.2 0 -9.0 .1 -18.1 0 -4.0 6 -5.6 1 -1.1 0 0.8 0 0.0
ImportExport of ER (With NR)	0 0 0.0 1 7.71 .8 -10.8 3 -4.3 0 -7.0 7 -5.7 2 -1.2 0 -9.0 1 -1.1 0 -4.0 6 -5.6 1 -1.1 0 0 0.8 0 0 0.0 0 0.0 0 0.5 0 0 0.0 0 0.0 0 0.7 0 4.1 2 -3.2 9 1.9 0 1.0 0 0.8 0 0.6 3 -11.3 7 -44.7 2 -45.2 0 0 0.8 0 0.6 3 -11.3 7 -41.7 2 -45.2 0 -10.0 0 0.8 0 0.6 1 -1.0 0 0 0.8 0 0.6 1 -1.0 0 1.0 0 0 0.8
1 HYDC ALIPERDICAR-AGRA 2 0 0 0,0 0,0 7.1	1
2 HYPC FISALIL BR - 0 299 0.0 7.1	1
4 765 KV SASARAMFATEHFUR 1 16 427 0.0 4.3	3
S	0
6 490 kV PISAULL-VARANASI 1 0 303 0.0 5.7 7 4900 kV PISAULL-VARANASI 1 0 158 0.0 1.2 8 400 kV MUZAFFARUR-GORAKHUR 2 0 749 0.0 9.0 9 400 kV MUZAFFARUR-GORAKHUR 2 0 749 0.0 10.0 11 400 kV MUZAFFARUR-GORAKHUR 2 0 374 0.0 5.6 12 400 kV MUTHAR-GORAKHUR 2 0 374 0.0 5.6 13 220 kV PISAULL-SAHUFUR 1 103 16 0.8 0.0 14 152 kV SOKE NAGRABHIAND 1 0 0 0.0 0.0 15 132 kV SOKE NAGRABHIAND 1 0 0 0.0 0.0 16 132 kV KARMANSAHANDAUTH 1 0 0 0 0.0 0.0 17 17 17 17 17 17 17	7
7 400 kV MIZAFRARPIR GORAKHPIR 2 0 158 0,0 1.2 8 400 kV MIZAFRARPIR GORAKHPIR 2 0 749 0,0 9,0 9 400 kV MIZAFRARPIR GORAKHPIR 2 0 1154 0,0 18.1 10 400 kV MIZAFRARPIR GORAKHPIR 2 0 390 0,0 4.6 11 400 kV MIZAFRARPIR GORAKHPIR 2 0 390 0,0 4.6 12 400 kV BIBASHARDIR ALIA 2 0 390 0,0 4.6 13 220 kV PISAULI SARIPIR 1 103 16 0.8 0,0 14 132 kV SARIPIR 1 103 16 0.8 0,0 15 132 kV SARIPIR 1 103 16 0.8 0,0 16 132 kV KARIMANAS GARARHAND 1 29 0 0,5 0,0 16 132 kV KARIMANAS GARARHAND 1 0 0 0,0 0,0 17 18 kV KARIMANAS GARARHAND 1 0 0 0 0,0 0,0 19 19 19 19 19 19 19	0
9 400 kV BIHASHARIFFALIA 2 0 390 0.0 4.0	.1
10 400 kV BIHARSHARIFF-BALIA 2 0 390 0.0 4.0 11 400 kV MOTHARGORASHPUR 2 0 374 0.0 5.6 12 400 kV MOTHARGORASHPUR 2 0 374 0.0 5.6 13 220 kV PUSAULSARIFYARANASI 2 73 240 0.0 1.1 14 132 kV SARIFYARIFYARANASI 2 73 240 0.0 1.1 15 132 kV KARAMAMASARIFYARANASI 1 0 0 0 0.0 0.0 16 132 kV KARIMAMASARIFYARIFYARI 1 0 0 0 0.0 0.0 17 18 18 18 18 18 18 18	0
11 400 kV MOTHIARL-GORARIPUR 2 0 374 0.0 5.6 12 400 kV BHARRHAREF-VARANSI 2 73 240 0.0 1.1 13 220 kV PISAILI-SAHUPUR 1 103 16 0.8 0.0 14 133 kV SONE-RAGAR-RHIAND 1 20 0 0.5 0.0 15 133 kV SONE-RAGAR-RHIAND 1 20 0 0.5 0.0 16 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 17 133 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 17 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 18 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 19 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 19 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 10 135 kV KARMANASA-GUPUR 1 0 0 0 0.0 0.0 10 135 kV MARMANASA-GUPUR 1 0 0 0 0.0 0.0 10 13 13 13 13 13 13 13	6 5.5.6 1 1 1.1 1 1.1 0 0.8 0 0.0
12 400 kV BHARSHARIFF-VARANASI 2 73 240 0.0 1.1 13 220 kV PUSAULI-SANIPURI 1 103 16 0.8 0.0 0.0 14 132 kV SONE NAGAR-RHIAND 1 0 0 0 0.0 0.0 0.0 15 132 kV GARWAHRHAND 1 20 0 0 0.0 0.0 0.0 16 132 kV KARMANASA-CHANDULI 1 0 0 0 0.0 0.0 0.0 17 132 kV KARMANASA-CHANDULI 1 0 0 0 0.0 0.0 0.0 18 17 132 kV KARMANASA-CHANDULI 1 0 0 0 0.0 0.0 0.0 19 17 17 18 kV KARMANSA-CHANDULI 1 0 0 0 0.0 0.0 0.0 10 17 18 kV KARMANSA-CHANDULI 1 0 0 0 0.0 0.0 0.0 10 17 18 kV KARMANSA-CHANDULI 1 0 0 0 0.0 0.0 0.0 10 17 18 kV KARMANSA-CHANDULI 1 0 0 0 0 0.0 0.0 0.0 10 18 18 kV KARMANSA-CHANDULI 1 0 0 0 0 0.0 0.0 0.0 11 17 18 kV KARMANSA-CHANDULI 1 0 0 0 0 0 0 0.0 0.0 0.0 12 18 18 kV KARMANSA-CHANDULI 1 0 0 0 0 0 0 0 0 0	1
13 220 kV PUSAULI-SAHUPUR	0 0.0 0 0.5 0 0.5 0 0.0 0 0.5 0 0.0
15 132 kV CARWAH-RHIAND	0 0,5 0 0,0 0 0,0 0 0,0 0 0,0 0 0,0 0 0,0 0 0,7 0 4,1 1 2 3,2 9 -1,9 0 1,0 0 0,6 3 -11,3 7 41,7 22 -45,2 0 -11,0 0 0,6 3 -11,3 7 41,7 1,1 41,7 1,2 44,1 1,3 44,1 1,4 4,1 1,8 -4,8 1,9 -4,6 1,9 7 -14,7 1,4 1,7 1,8 1,1 44,1 1,8 1,1 44,1 1,8 1,1 44,1 1,8 1,9 4,6 1,9 1,1 0 10,3 1,1 1,2 1,1 1,4 1,1 1,4 1,1 1,4 1,1 1,4 1,1 1,4 1,4
10 132 kV KARMANASASAHPURII 1 0 0 0.0	0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 9 72.6 0 0.7 0 4.1 2 -3.2 9 1.9 0 1.0 0 -1.0 0 0.8 0 0.6 3 -11.3 7 -41.7 -44.7 -44.7 0 0.0 0 0.8 0 0.6 0 0.7 0 0 0.8
17 132 kV KARMANASA-CHANDAUL 1 0 0 0.0 0.0	0 0.0 9 7-2.6 0 0.7 0 4.1 2 -3.2 9 -1,9 0 1.0 0 1.0 0 -1.0 0 0.8 0 0.6 3 -11.3 7 -41.7 2 -45.2 0 -11.0 0 0.0 2 -98.2 0 1.1 0 0.8 0 1.1 0 1
Import/Export of ER (With WR)	9 -72.6 0 0.7 0 4.1 2 -3.2 9 -1.9 0 1.0 0 -1.0 0 0.8 0 0.6 3 -11.3 7 -41.7 -41.7 -2.2 -45.2 .0 -11.0 0 0.0 2.2 -98.2 0 0.5 0 0.5 0 0.5 1 0.6 1 1.8 1 1.8 1 1.8 1 1.8 1 1.8 1 1.8 1 1.8 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.9 1 1.4 1 1.1 1
Import/Export of ER (With WR)	0 0.7 0 4.1 2 -3.2 9 -1.9 0 1.0 0 -1.0 0 -1.0 0 0.8 0 0.6 3 -11.3 7 -41.7 2 -45.2 0 -11.0 0 0.0 2.2 -98.2 0 3.7 0 5.2 0 0.8 0 11.8 0 11.8 1 -44.1 8 -4.8 9 -4.6 9 -4.6 9 -7 7 -14.7 14.7 14.7 14.7 14.1 15.8 16.9 17.9 18.8 19.9 19.7 11.8 10.9 10.3 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11
2	0 4.1 2 -3.2 9 -1.9 0 1.0 0 1.0 0 -1.0 0 0.8 0 0.6 -3.3 -11.3 .7 -41.7 .2 -45.2 .0 -11.0 0 0.0.2 -98.2 0 3.7 0 5.2 0 0.8 0 11.8 0 11.8 1 -44.1 8 -48.8 9 -46.9 .7 -14.7 .14.7 .14.7 .14.7 .14.7 .15.8 .1 -44.1 8 -48.8 .9 -46.9 .7 -14.7 .14.7 .10 -10.3 .1 -28.1 .1 -28.1 .1 -28.1 .1 -3.1
3	2
4 400 kV HARSUGUDA-RAIGARH	9
S	0
Column	0
Column	0 -1.0 0 0.8 0 0.8 0 0.6 3.3 -11.3 .7 -41.7 .2 -45.2 .0 -11.0 0 0.0.2 2 -98.2 0 3.7 0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -48.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 0 0.3 0 0.3 9.7
T 220 kV BUDHIPADAR-KORBA 2 117 44 0.8 0.0	0 0.8 0 0.6 3 -11.3 7 -41.7 2.2 -45.2 .00 -11.0 0 0.0 2.2 -98.2 0 3.7 0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -4.8 .8 -4.8 .8 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
Import/Export of ER (With SR)	0 0.6 3 -11.3 7 -41.7 -245.2 .0 -11.0 0 0.0 2 -98.2 0 3.7 0 5.2 0 0 0.8 0 9.7 0 11.8 1 -44.1 8 -44.8 .8 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
Import/Export of ER (With SR) 2	3
2	7
3	22
4 400 kV TALCHERI/C 2 233 1003 0.0 11.0	0 -11.0 0 0.0 0 0.0 2 -98.2 0 3.7 0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -4.8 8 -4.8 .8 -41.8 9 -46.9 .7 -14.7 4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
The content of the	0 0.0 2 98.2 0 3.7 0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -48. 8 -41.8 9 -46.9 7, -14.7 4 -31.4 0 10.3 1 -28.1 4 0.3 9 0.3 9 0.9
Import/Export of ER (With NER) 1 400 kV BINAGURI-BONGAIGAON 2 270 2 3.7 0.0 0 0 0 0 0 0 0 0	2
Import/Export of ER (With NER) 1 400 kV BINGURI-BONGAIGAON 2 270 2 3.7 0.0 2 400 kV ALIPURDUAR-BONGAIGAON 2 420 0 5.2 0.0 3 220 kV ALIPURDUAR-BONGAIGAON 2 420 0 5.2 0.0 3 220 kV ALIPURDUAR-BONGAIGAON 2 420 0 5.2 0.0 3 220 kV ALIPURDUAR-SALAKATI 2 65 11 0.8 0.0 Import/Export of NER (With NR)	0 3.7 0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -48. 8 -41.8 9 -46.9 7.7 -14.7 4.4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
2	0 5.2 0 0.8 0 9.7 0 11.8 0 11.8 .1 -44.1 8 -48.8 .3 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 .0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
S	0 0.8 0 9.7 0 11.8 0 11.8 1 -44.1 8 -4.8 8 -4.8 9 -46.9 7 -14.7 4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
Import/Export of NER (With NR)	0 9,7 0 11.8 0 11.8 .1 -44.1 8 -48.8 .8 -4.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 1 -28.1 4 -8.4 0 0.3 9 -0.9
Import/Export of NER (With NR) 11.8 0.0 11.8 0.0	0 11.8 0 11.8 .1 -44.1 8 -4.8 .8 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
HVDC	0 11.8 .1 -44.1 8 -4.8 .3 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 .0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
Import/Export of WR (With NR) 1	.1 -44.1 8 -4.8 .8 -41.8 .9 -46.9 .7 -14.7 .4 -31.4 0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
HyDC CHAMPA-KURKIKSHETRA 2 0 1755 0.0 44.1	8 4.8 4.8
2	8 4.8 4.8
3	.8 41.8 .9 46.9 .7 -14.7 .4 -31.4 0 10.3 .1 -28.1 4 8.4 0 0.3 9 -0.9
4 765 kV GWALIOR-AGRA 2 0 2752 0.0 46.9 5 765 kV PHAGI-GWALIOR 2 0 1018 0.0 14.7 6 765 kV JABALPUR-ORAI 2 0 934 0.0 31.4 7 765 kV GWALIOR-ORAI 1 \$80 0 10.3 0.0 8 765 kV GWALIOR-ORAI 1 0 1428 0.0 28.1 9 765 kV GWALIOR-ORAI 1 0 1428 0.0 28.1 9 765 kV CHITORGARH-BANASKANTHA 2 9.5 9.63 0.0 8.4 10 400 kV ZERDA-KANKOLI 1 117 143 0.3 0.0 11 400 kV ZERDA-BHINMAL 1 188 324 0.0 0.9 12 400 kV ZERDA-BHINMAL 1 188 324 0.0 0.9 13 400 kV RAPP-SHUALPUR 2 199 337 0.8 2.4 14 220 kV BHANPURA-RANFUR 1 30 139 0.1 1.5 15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURAIYA 1 103 1 1.1 0.1 17 220 kV MEHGAON-AURAIYA 1 666 23 1.1 0.0	.9
6 765 kV JABALPIR-ORAI 2 0 934 0.0 31.4 7 765 kV GWALIOR-ORAI 1 580 0 10.3 0.0 8 765 kV GWALIOR-ORAI 1 0 1428 0.0 28.1 9 765 kV CHITORGARI-BANASKANTHA 2 95 963 0.0 8.4 10 400 kV ZERDA-KANKROLI 1 117 143 0.3 0.0 11 400 kV ZERDA-KANKROLI 1 188 324 0.0 0.9 12 400 kV ZERDA-KANKROLI 1 188 324 0.0 0.9 12 400 kV ZERDA-KANKROLI 1 188 324 0.0 0.9 12 400 kV JUNDHYACHAL-RIHAND 1 9 9 0 22.2 0.0 13 400 kV RAPP-SHUJALPUR 2 199 337 0.8 2.4 14 220 kV<	.4 -31.4 0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
7	0 10.3 .1 -28.1 4 -8.4 0 0.3 9 -0.9
8 765 kV SATNA-ORAI 1 0 1428 0.0 28.1 9 765 kV CHITORGARI-BANASKANTHA 2 95 963 0.0 8.4 10 400 kV ZERDA-KANKROLI 1 117 143 0.3 0.0 11 400 kV ZERDA-BHINMAL 1 188 324 0.0 0.9 12 400 kV VINDHYACHAL-RIHAND 1 959 0 22.2 0.0 13 400 kV RAPPSHUJALPUR 2 199 337 0.8 2.4 14 220 kV BHANPURA-RANPUR 1 30 139 0.1 1.5 15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURATYA 1 103 1 1.1 0.1 17 220 kV MEHGAON-AURATYA 1 166 23 1.1 0.0	.1 -28.1 4 -8.4 0 0.3 9 -0.9
9 765 kV CHITORGARH-BANASKANTHA 2 95 963 0.0 8.4	4 -8.4 0 0.3 9 -0.9
10 400 kV ZERDA-KANKROLI 1 117 143 0.3 0.0	0 0.3 9 -0.9
12 400 kV VINDHYACHAL -RIHAND 1 959 0 22.2 0.0 13 400 kV RAPP-SHUJALPUR 2 199 337 0.8 2.4 14 220 kV BHANPURA-RANPUR 1 30 139 0.1 1.5 15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURAIYA 1 103 1 1.1 0.1 17 220 kV MALANPURA-URAIYA 1 666 23 1.1 0.0 1	
13 400 kV RAPP-SHUJALPUR 2 199 337 0.8 2.4 14 220 kV BHANPURA-RANPUR 1 30 139 0.1 1.5 15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURATYA 1 103 1 1.1 0.1 17 220 kV MALANPUR-AURATYA 1 66 23 1.1 0.0	0 22.2
14 220 kV BHANPURA-RANPUR 1 30 139 0.1 1.5 15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURAHYA 1 103 1 1.1 0.1 17 220 kV MALANPUR-AURAHYA 1 66 23 1.1 0.0	
15 220 kV BHANPURA-MORAK 1 11 0 0.5 0.4 16 220 kV MEHGAON-AURAIYA 1 103 1 1.1 0.1 17 220 kV MALANPUR-AURAIYA 1 66 23 1.1 0.0	
16 220 kV MEHGAON-AURAIYA 1 103 1 1.1 0.1 17 220 kV MALANPUR-AURAIYA 1 66 23 1.1 0.0	
17 220 kV MALANPUR-AURAIYA 1 66 23 1.1 0.0	
18 132 kV GWALIOR-SAWAI MADHOPUR 1 0 0 0.0 0.0	
19 132 kV	
Import/Export of WR (With SR) 36.3 225.4	-109.1
1 HVDC BHADRAWATI B/B - 0 816 0.0 12.3	
2 HVDC RAIGARH-PUGALUR 2 0 1191 0.0 19.3	.3 -12.3
3 765 kV SOLAPUR-RAICHUR 2 1262 2867 0.0 20.9	.3 -19.3
4 765 kV WARDHA-NIZAMABAD 2 173 2381 0.0 25.6 5 400 kV KOLHAPUR-KUDGI 2 831 0 11.4 0.0	.3 -19.3 .9 -20.9
5 400 kV KOLHAPUR-KUDGI 2 831 0 11.4 0.0 6 220 kV KOLHAPUR-CHIKODI 2 0 0 0.0 0.0	.3 -19.3 .9 -20.9 .6 -25.6
0 220 KV ROJAV (RVCHROD) 2 0 0 0.0 0.0 7 220 KV PONDA-AMBEWADI 1 1 0 0.0 0.0 0.0	.3 -19.3 .9 -20.9 .6 -25.6 0 11.4
8 220 kV XELDEM-AMBEWADI 1 0 45 0.8 0.0	.3 -19.3 .9 -20.9 .6 -25.6 0 11.4 0 0.0
WR-SR 12.3 78.1	.3 -19.3 .9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8
INTERNATIONAL EXCHANGES	.3 -19.3 .9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8
State Region Line Name Max (MW) Min (MW) Avg (MW) Ener	.3
	.3
400kV MANGDECHHU-ALIPURDUAR 1 & 2 ER i.e. ALIPURDUAR RECEIPT (from 164 0 145	.3
ER 1.E. ALITORDOAN RECEIT I (17011 164 0 145 MANGBECH HEP 4*) SBMW)	.3
400kV TALA-BINAGURI 1,2,4 (& 400kV	.3
ER MALBASE - BINAGURI 211 193 198	3 -19.3 9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8 .1 -65.8 MW) Energy Exchange (MII)
	3 -19.3 9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8 .1 -65.8 MW) Energy Exchange (MII)
	3 -19.3 9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8 .1 -65.8 MW) Energy Exchange (MII)
BHUTAN ER MALBASE - BIRPARA) i.e. BIRPARA 54 40 54	3 -19.3 .9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8 .1 -65.8 MW) Energy Exchange (MII) 5 3.5
BHUTAN ER MALBASE - BIRPARA 1.e. BIRPARA 54 40 54 RECEIPT (from CHUKHA HEP 4*84MW)	3 -19.3 .9 -20.9 .6 -25.6 0 11.4 0 0.0 0 0.0 0 0.8 .1 -65.8 MW) Energy Exchange (MII) 5 3.5
RECEIPT (from CHUKHA HEP 4°84MW)	3
BHUTAN ER MALBASE - BIRPARA 54 40 54	3
RECEIPT (from CHUKHA HEF 4*84MW)	3
RECEIPT (from CHUKHA HEP 4°84MW)	3
RECEIPT (from CHUKHA HEF 4*84MW) NER	3
RECEIPT (from CHUKHA HEF 4*84MW) NER 132KV-GEYLEGPHU - SALAKATI 19 3 9	3
RECEIPT (from CHUKHA HEP 4*84MW)	3
RECEIPT (from CHUKHA HEF 4*84MW)	3
NER 132KV-GEYLEGPHU - SALAKATI 19 3 9	3
NER	3
RECEIPT (from CHUKHA HEP 4*84MW)	3

	ER	BHERAMARA HVDC(BANGLADESH)	-703	-308	-489	-11.7
BANGLADESH		132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-1	60	0	-45	-1.1
		132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-2	60	0	-45	-1.1