

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, क़तुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

दिनांक: 4th Feb 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

1. 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 03.02.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-फरवरी -2021 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 3rd February 2021, is available at the NLDC website.

धन्यवाद.

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



Report for previous day A. Power Supply Position at All India and Regional level Date of Reporting: 04-Feb-2021 NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs) 43364 1947 Peak Shortage (MW) 950 O 70 21 1041 Energy Met (MU) 1052 1275 1044 393 44 3809 Hydro Gen (MU) 93 60 76 34 10 274 Wind Gen (MU) Solar Gen (MU)* 96 181 4 37.54 4.77 0.18 34.54 104.22 Energy Shortage (MU) 13.64 0.00 0.20 0.00 0.14 13.98 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 55462 61904 52578 19665 2635 188118 Time Of Maximum Demand Met (From NLDC SCADA) 10:25 11:23 09:44 18:44 B. Frequency Profile (%) < 49.7 49.7 - 49.8 49.8 - 49.9 49.9 - 50.05 < 49.9 > 50.05 Region All India 0.027 0.00 0.09 C. Power Supply Position in States Max.Demand OD(+)/UD(-Energy Met Drawal Max OD Shortage during Energy Region States Met during the maximu Schedule (MU) (MU) (MW) (MU) dav(MW) Demand(MW) (MU) 135.1 Punjab -1.6 Haryana 7062 141.0 85.1 -0.1 99 0.00 Rajasthan 14059 195 269.7 93.5 689 3.6 0.97 Delhi 68.4 57.8 NR 91.6 UP 17851 0 306.2 -1.6 276 0.00 Uttarakhand 70 28.2 27.8 HP 1830 0 33.1 0.5 164 0.00 J&K(UT) & Ladakh(UT) 49.0 2729 550 53.5 340 12.40 -0.3 Chandigarh 246 0.1 0.00 4359 41.0 Chhattisgarh 0 93.5 1.8 392 0.00 Gujarat 16409 350.7 129,2 1005 0.00 MP 14932 288.4 180.6 -0.6 445 0.00 wr Maharashtra 752 23865 0 486.5 140.0 0.00 -1.2 Goa 498 0 10.1 9.8 7.4 0.0 136 0.00 DD 349 0 7.8 0.4 188 0.00DNH 855 19.7 19.6 0.00 AMNSIL 842 18.6 5.6 0.0 247 0.00 Andhra Pradesh 183.4 0.3 0.00 Telangana 12761 243.5 109.8 -0.5 385 0.00 SR 12699 0 236.6 75.7 79.0 0.2 Karnataka 664 0.00 70 49.9 Kerala Tamil Nadu 14052 0 296.9 175.1 -0.6 561 0.00 Puducherry 377 Bihar 4950 0 92.0 85.6 -0.8 385 0.00 -49.1 DVC 3148 69.5 -0.4 281 0.00Jharkhand 1468 18.7 0.00 ER 73.7 Odisha 4081 0 2.4 1.2 498 0.00 West Bengal 6685 130.2 1.9 2.3 Sikkim 131 1.9 0.0 0.00 Arunachal Pradesh 145 2.4 -0.3 58 0.01 Assam 1461 24.6 19.7 0.2 164 0.10 Manipur 2.8 -0.5 19 0.01 NER 0.00 Meghalaya Mizoram 122 1.7 1.6 -0.2 26 0.01

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Nagaland

	Bhutan	Nepal	Bangladesh
Actual (MU)	4.7	-14.5	-12.5
Day Peak (MW)	326.0	-738.0	-551.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	249.8	-242.7	118.8	-127.1	1.3	0.0
Actual(MU)	250.5	-235.1	102.6	-127.7	2.3	-7.5
O/D/U/D(MU)	0.7	7.6	-16.2	-0.6	1.0	-7.5

145

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5624	13508	6382	2445	500	28459	42
State Sector	9396	15448	9577	4245	11	38676	58
Total	15020	28955	15959	6690	511	67135	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	603	1408	573	513	7	3105	78
Lignite	24	8	45	0	0	76	2
Hydro	93	60	76	34	10	273	7
Nuclear	18	26	43	0	0	87	2
Gas, Naptha & Diesel	22	31	13	0	30	96	2
RES (Wind, Solar, Biomass & Others)	69	64	205	5	0	342	9
Total	829	1596	955	552	47	3979	100
Share of RES in total generation (%)	8.18	3.98	21.49	0.86	0.38	8.60	i
Share of Non-faccil fuel (Hydro Nuclear and PES) in total generation(%)	22.51	0.25	22.00	7.07	21.45	17.66	i

H. All India Demand Diversity Factor

Based on Regional Wax Demands	1.023
Based on State Max Demands	1.040

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.

0.01

0.00

18

2.1

0.4

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 04-Feb-2021

C1						Date of Reporting:	04-Feb-2021
Sl Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (1	F	
1 HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2 HVDC	PUSAULI B/B	- 2	0	249	0.0	6.0	-6.0
3 765 kV 4 765 kV	GAYA-VARANASI SASARAM-FATEHPUR	1	0 17	836 283	0.0	11.7 3.1	-11.7 -3.1
5 765 kV	GAYA-BALIA	1	0	572	0.0	8.9	-8.9
6 400 kV	PUSAULI-VARANASI	1	0	229	0.0	4.7	-4.7
7 400 kV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	1	0	80	0.0	1.3	-1.3
8 400 kV 9 400 kV	PATNA-BALIA	4	0	782 1144	0.0	9.8 18.3	-9.8 -18.3
10 400 kV	BIHARSHARIFF-BALIA	2	Ö	454	0.0	6.0	-6.0
11 400 kV	MOTIHARI-GORAKHPUR	2	0	340	0.0	6.2	-6.2
12 400 kV	BIHARSHARIFF-VARANASI	2	138	199	0.0	1.0	-1.0
13 220 kV 14 132 kV	PUSAULI-SAHUPURI SONE NAGAR-RIHAND	+ +	0	104 0	0.0	1.6 0.0	-1.6 0.0
15 132 kV	GARWAH-RIHAND	i	20	Ö	0.6	0.0	0.6
16 132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17 132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0	0.0
Import/Export of ER (With WR)			ER-NK	0.6	78.2	-77.6
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	637	528	4.5	0.0	4.5
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	598	438	3.0	0.0	3.0
3 765 kV	JHARSUGUDA-DURG	2	2	335	0.0	3.2	-3.2
4 400 kV	JHARSUGUDA-RAIGARH	4	97	425	0.0	3.3	-3.3
5 400 kV	RANCHI-SIPAT	2	205	182	1.1	0.0	1.1
6 220 kV	BUDHIPADAR-RAIGARH	1	0	120	0.0	0.9	-0.9
7 220 kV	BUDHIPADAR-KORBA	2	141	28	1.7	0.0	1.7
				ER-WR	10.3	7.4	2.9
Import/Export of ER (
1 HVDC	JEYPORE-GAZUWAKA B/B	2 2	0	561 1988	0.0	12.4	-12.4 36.6
2 HVDC 3 765 kV	TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2	0	2370	0.0	36.6 46.9	-36.6 -46.9
4 400 kV	TALCHER-I/C	2	250	629	0.0	3.0	-3.0
5 220 kV	BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
Import/Eyeout of ED				ER-SR	0.0	95.9	-95.9
Import/Export of ER (With NER) BINAGURI-BONGAIGAON	2	176	98	1.0	0.0	1.0
2 400 kV	ALIPURDUAR-BONGAIGAON	2	210	115	1.1	0.0	1.1
	ALIPURDUAR-SALAKATI	2	35	36	0.3	0.0	0.3
		`		ER-NER	2.4	0.0	2.4
Import/Export of NER 1 HVDC	(With NR) BISWANATH CHARIALI-AGRA	2	289	0	6.0	0.0	6.0
			209	NER-NR	6.0	0.0	6.0
Import/Export of WR	(With NR)						
	CHAMPA-KURUKSHETRA	2	0	626	0.0	45.7	-45.7
2 HVDC 3 HVDC	VINDHYACHAL B/B MUNDRA-MOHINDERGARH	2	240	0 1737	6.0 0.0	0.0 41.4	6.0 -41.4
4 765 kV	GWALIOR-AGRA	2	0	2625	0.0	41.5	-41.5
5 765 kV	PHAGI-GWALIOR	2	0	1545	0.0	26.9	-26.9
6 765 kV	JABALPUR-ORAI	2	0	1043	0.0	35.6	-35.6
7 765 kV 8 765 kV	GWALIOR-ORAI SATNA-ORAI	1	659	0 1346	12.2 0.0	0.0 26.7	12.2 -26.7
9 765 kV	CHITORGARH-BANASKANTHA	2	746	331	4.1	0.0	4.1
10 400 kV	ZERDA-KANKROLI	1	188	32	1.8	0.0	1.8
11 400 kV	ZERDA -BHINMAL	1	121	266	0.0	1.5	-1.5
12 400 kV 13 400 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 2	501	0 405	11.4 0.0	0.0 5.7	11.4 -5.7
14 220 kV	BHANPURA-RANPUR	1	0	169	0.0	0.1	-0.1
15 220 kV	BHANPURA-MORAK	1	0	30	0.0	0.0	0.0
16 220 kV	MEHGAON-AURAIYA		134			1.8	0.0
			0.4	0	1.8		
17 220 kV	MALANPUR-AURAIYA	1	84	9	1.0	0.0	1.0
17 220 kV 18 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 2	0	9	1.0 0.0	0.0 0.0	1.0 0.0
17 220 kV 18 132 kV 19 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 2		9	1.0	0.0	1.0
17 220 kV 18 132 kV 19 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 2	0	9 0 0 WR-NR	1.0 0.0 0.0 38.4	0.0 0.0 0.8 227.7	1.0 0.0 -0.8 -189.3
17 220 kV 18 132 kV 19 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	1 1 2	0 0	9 0 0 WR-NR	1.0 0.0 0.0 38.4	0.0 0.0 0.8 227.7	1.0 0.0 -0.8 -189.3
17 220 kV 18 132 kV 19 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 2	0	9 0 WR-NR 1009 1508 1562	1.0 0.0 0.0 38.4	0.0 0.0 0.8 227.7	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 2	0 0 957 801 0	9 0 WR-NR 1009 1508 1562 2383	1.0 0.0 0.0 38.4 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WHI SRN BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 2 2 2 2 2	0 0 957 801 0	9 0 WR-NR 1009 1508 1562 2383 0	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 2 2 2 2	0 0 957 801 0	9 0 WR-NR 1009 1508 1562 2383 0	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WHI SRN BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 2 2 2 2 2	0 0 957 801 0	9 0 WR-NR 1009 1508 1562 2383 0	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WHI SRI BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 2 2 2 2 2 2	0 0 957 801 0 1497 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WHI SRI BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	- 1 2 2 2 2 2 2 2 2 1 1	0 0 957 801 0 1497 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 WR-SR	1.0 9.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0	1.0 0.0 -0.8 -189,3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 1.0 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIB SN BHADRAWATI E/B BHADRAWATI E/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 2 2 2 2 2 2 1 1 1 IN	0 0 957 801 0 1497 1 1 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 0 54 WR-SR	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 67.2	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 1.0 -42.8
17	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WHI SRI BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	- 1 2 2 2 2 2 2 2 2 2 1 1 1	0 0 957 801 0 1497 0 1 1 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 WR-SR	1.0 9.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0	1.0 0.0 -0.8 -189,3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 1.0 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIth SR) BHADRAWATI B/B RRIGARIP-UGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION	- 2 2 2 2 2 2 2 1 1 1 Line	0 0 957 801 0 1497 0 1 1 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 0.0 0.0 4.0 0.0 4.0 0.0 4.0 4	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 67.2	1.0 0.0 -0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 -1.0 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIB SN BHADRAWATI E/B BHADRAWATI E/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	- 1 2 2 2 2 2 2 2 2 2 1 1 1 IIII IIII II	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 0 54 WR-SR	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 67.2	1.0 0.0 -0.8 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 1.0 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	1 2 2 2 2 2 2 2 1 1	0 0 957 801 0 1497 0 1 1497 0 1 0 0 TTERNATIONAL EXC Name IU-ALIPURDUAR 1&2 CEIPT (from 19180MW) USH 1,2,4 (& 400KY	9 0 WR-NR 1009 1508 1562 2383 0 0 0 WR-SR HANGES Max (MW)	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 24.4 Min (MW)	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 Avg (MW)	1.0 0.0 0.8 -189.3 -199.3 -10.0 3.12 -14.1 -40.0 2.3.4 0.0 0.0 42.8 Energy Exchange (MU) 2.5
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIth SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION	- 2 2 2 2 2 2 2 2 2 1 1 1 IIII IIII IIII	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 0.0 0.0 4.0 0.0 4.0 0.0 4.0 4	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 67.2	1.0 0.0 -0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 -1.0 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR.SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RRIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER	- 2 2 2 2 2 2 2 1 1 1 Ine 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH HEP 4 400kV FALA-BINAGE MALBASE RECEIPT (from TAL) RECEIPT (from TAL)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4 Min (MW)	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 40.0 77	1.0 0.0 -0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1mport/Export of WR (1 HVDC 2 HVDC 3 765 kV 5 440 kV 5 400 kV 6 220 kV 8 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	1 2 2 2 2 2 2 2 2 1 1	0 0 957 9801 0 1497 0 1497 0 1 1 0 0 TTERNATIONAL EX Name IU-ALIPURDUAR 1&2 CEIPT (from P180MW) URI 1;2,4 (& 400kV) IRI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV) 1 i.e. BIRPARA	9 0 WR-NR 1009 1508 1562 2383 0 0 0 WR-SR HANGES Max (MW)	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 24.4 Min (MW)	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 Avg (MW)	1.0 0.0 0.8 -189.3 -199.3 -10.0 -3.2 -14.1 -40.0 -2.3 -42.8 -42.8 -42.8 -42.8 -42.8 -42.8 -42.8 -42.8 -42.8 -42.8
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR.SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RRIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER	- 2 2 2 2 2 2 2 1 1 1 Ine 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH HEP 4 400kV FALA-BINAGE MALBASE RECEIPT (from TAL) RECEIPT (from TAL)	0 0 957 9801 0 1497 0 1497 0 1 1 0 0 TTERNATIONAL EX Name IU-ALIPURDUAR 1&2 CEIPT (from P180MW) URI 1;2,4 (& 400kV) IRI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV) 1 i.e. BIRPARA	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4 Min (MW)	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 40.0 77	1.0 0.0 -0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR.SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RRIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER	1 2 2 2 2 2 2 2 2 1 1	0 0 0 957 957 801 0 1497 0 1 1497 0 0 1 1 0 0 TTERNATIONAL EX Name IU-ALIPURDUAR 1&2 CEIPT (from 19 180MW) URI 1,2,4 (& 400RV IRI) i.e. BINAGURI A HEP (6*10MW) PARA 1&2 (& 220RV A) i.e. BIRPARA KHA HEP 4*84MW)	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4 Min (MW)	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 40.0 77	1.0 0.0 0.0 1.89.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 0.0 0.0 1.0 -42.8 Energy Exchange (MU) 2.5
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER	1 2 2 2 2 2 2 2 2 2	0 0 0 957 957 801 0 1497 0 1 1497 0 0 1 1 0 0 TTERNATIONAL EX Name IU-ALIPURDUAR 1&2 CEIPT (from 19 180MW) URI 1,2,4 (& 400RV IRI) i.e. BINAGURI A HEP (6*10MW) PARA 1&2 (& 220RV A) i.e. BIRPARA KHA HEP 4*84MW)	9 0 WR-NR 1009 1508 1562 2383 0 0 54 WR-SR HANGES Max (MW) 171 95	1.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 57.2 Avg (MW) 105	1.0 0.0 0.8 -189.3 -199.3 -2.0 -1.0 -2.1 -1.0 -2.1 -1.0 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER	I 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1	0 0 0 0 0 0 0 957 801 1497 0 11497 0 11 0 0 1TERNATIONAL EX Name IU-ALIPURDUAR 182 2CEIPT (from #180MW) URI 12,4 (& 400kV RR) 180 (B 12,4 (& 400kV	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95	1.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 77 4vg (MW) 105	1.0 0.0 0.0 1.89.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 1.0 -42.8 Energy Exchange (MU) 2.5 1.9 -0.6
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER	1 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 957 801 1497 0 11497 0 11 0 0 1TERNATIONAL EX Name IU-ALIPURDUAR 182 2CEIPT (from #180MW) URI 12,4 (& 400kV RR) 180 (B 12,4 (& 400kV	9 0 WR-NR 1009 1508 1562 2383 0 0 54 WR-SR HANGES Max (MW) 171 95	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4 Min (MW) 97	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 57.2 Avg (MW) 105	1.0 0.0 0.8 -189.3 -199.3 -2.0 -1.0 -2.1 -1.0 -2.1 -1.0 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI RER ER ER ER NER	1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1	0 0 0 0 1957 801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EX Name 1180MW) 1180MW) 1180MW) 1180MW) 1180MW 1180M	9 0 WR-NR 1009 1508 1562 1562 2383 0 0 0 WR-SR HANGES Max (MW) 171 95 0 39	1.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 57.2 Avg (MW) 105 77	1.0 0.0 0.0 0.8 -189,3 -199,3 -10.0 -3.2 -14.1 -40.0 -2.3,4 -2.3,4 -2.3,4 -2.3,4 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER	I 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1	0 0 0 0 1957 801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EX Name 1180MW) 1180MW) 1180MW) 1180MW) 1180MW 1180M	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 23.4 0.0 0.0 1.0 24.4 Min (MW) 97	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 77 4vg (MW) 105	1.0 0.0 0.0 1.89.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 1.0 -42.8 Energy Exchange (MU) 2.5 1.9 -0.6
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI POADA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1	0 0 0 0 1957 801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EX Name 1180MW) 1180MW) 1180MW) 1180MW) 1180MW 1180M	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95 0 39 21	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 77 0 24	1.0 0.0 0.0 1.89.3 -189.3 -1.0.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5 1.9 -0.6 0.6 0.3
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI RER ER ER ER NER	1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1	0 0 0 0 1957 801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EX Name 1180MW) 1180MW) 1180MW) 1180MW) 1180MW 1180M	9 0 WR-NR 1009 1508 1562 1562 2383 0 0 0 WR-SR HANGES Max (MW) 171 95 0 39	1.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 57.2 Avg (MW) 105 77	1.0 0.0 0.0 0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 -2.3 -2.4 -4.1 -40.0 -0.0 -0.0 -1.0 -42.8 Energy Exchange (MU) -2.5 -0.6 -0.6
17 220 kV 18 132 kV 19 140 kV 18 18 18 18 18 18 18 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI POADA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	I 2 2 2 2 2 2 2 2 1 1 1 I I I I I I I I	0 0 0 957 801 1 0 1497 0 1499 1 1 0 0 TTERNATIONAL EXC Name IU-ALIPURDUAR 1&2 CZEIPT (from P180MW) URI 1,2,4 (& 400KV RI) RIP 1,6-2 BINAGURI A HEP (6-170MW) PARA 1&2 (& 220KV A) Le. BIRPARA KIN A HEP 4-84MW) I- SALAKATI iia	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95 0 39 21	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 77 0 24	1.0 0.0 0.0 0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 1.0 -42.8 Energy Exchange (MU) 2.5 1.9 -0.6 0.6 0.3
17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 1 1 1 1 1 1 1 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI POADA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	I 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 957 801 1 0 1497 0 1499 1 1 0 0 TTERNATIONAL EXC Name IU-ALIPURDUAR 1&2 CZEIPT (from P180MW) URI 1,2,4 (& 400KV RI) RIP 1,6-2 BINAGURI A HEP (6-170MW) PARA 1&2 (& 220KV A) Le. BIRPARA KIN A HEP 4-84MW) I- SALAKATI iia	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95 0 39 21	1.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 77 0 24	1.0 0.0 0.0 0.8 -189.3 -189.3 -10.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 1.0 -42.8 Energy Exchange (MU) 2.5 1.9 -0.6 0.6 0.3
17 220 kV 18 132 kV 19 140 kV 18 18 18 18 18 18 18 1	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REJORD REGION ER ER ER ER NER NER NER	I 2 2 2 2 2 2 2 2 1 1 1 I I I I I I I I	0 0 0 957 801 1 0 1497 0 1499 1 1 0 0 TTERNATIONAL EXC Name IU-ALIPURDUAR 1&2 CZEIPT (from P180MW) URI 1,2,4 (& 400KV RI) RIP 1,6-2 BINAGURI A HEP (6-170MW) PARA 1&2 (& 220KV A) Le. BIRPARA KIN A HEP 4-84MW) I- SALAKATI iia	9 0 WR-NR 1009 1508 1558 1558 2383 0 0 0 WR-SR WR-SR HANGES 0 0 39 21 0 -306	1.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 67.2 Avg (MW) 105 77 0 24 14 0 -269	1.0 0.0 0.0 0.8 -1.89.3 -1.99.3 -1.0.0 -3.2 -1.4.1 -40.0 2.3.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5 -0.6 -0.6 -0.3 -1.8
17 220 kV 18 132 kV 19 140 kV 18 18 18 18 18 18 18 1	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REJORD REGION ER ER ER ER NER NER NER	I 2 2 2 2 2 2 2 2 1 1 1 I I I I I I I I	0 0 0 0 957 801 1497 0 1497 0 1497 1 0 1 1 0 TTERNATIONAL EX Name ITELALIPURDUAR 18-2 CELPT (from P-180MW) URI 12,4 18-400kV A) Le. BIRPARA KHA HEP 4*84MW) - SALAKATI ia	9 0 WR-NR 1009 1508 1558 1552 2383 0 0 0 WR-SR HANGES Max (MW) 171 95 0 39 21	1.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 77 0 24 14 0 0 -269	1.0 0.0 0.0 0.0 1.08 -1.89.3 -1.0.0 -3.2 -1.4.1 -40.0 2.3.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5 -0.6 -0.6 -0.3 -1.8
17 220 kV 18 132 kV 19 140 kV 18 18 18 18 18 18 18 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI POADA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER ER	1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1	0 0 0 0 957 801 1497 0 1497 0 1497 1 0 1 1 0 TTERNATIONAL EX Name ITELALIPURDUAR 18-2 CELPT (from P-180MW) URI 12,4 18-400kV A) Le. BIRPARA KHA HEP 4*84MW) - SALAKATI ia	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95 0 39 21 0 -306	1.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 67.2 Avg (MW) 105 77 0 24 14 0 -269	1.0 0.0 0.0 1.89.3 -189.3 -1.0.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5 -0.6 -0.6 -0.3 -1.8 -6.5
17 220 kV 18 132 kV 19 14 18 18 18 18 18 18 18	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI REGION ER ER ER ER ER NER NER NER NER	1 2 2 2 2 2 2 2 2 2 1 1 1 1 IN Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH HE? 4 1 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGU MA	0 0 0 1 957 8801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EXI Name 11804 11	9 0 WR-NR 1009 1508 1558 1558 2383 0 0 0 WR-SR WR-SR HANGES 0 0 39 21 0 -306 -349 -446	1.0 0.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 67.2 Avg (MW) 105 77 0 24 14 0 -269 -262	1.0 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1.0 1.0
17 220 kV 18 132 kV 19 140 kV 18 18 18 18 18 18 18 1	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI POADA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER ER	I 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1	0 0 0 1 957 8801 0 1497 0 11497 0 1 1 0 0 TTERNATIONAL EXI Name 11804 11	9 0 0 WR-NR 1009 1508 1562 2383 0 0 0 54 WR-SR CHANGES Max (MW) 171 95 0 39 21 0 -306	1.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 77 0 24 14 0 0 -269	1.0 0.0 0.0 1.89.3 -189.3 -1.0.0 -3.2 -14.1 -40.0 23.4 -0.0 0.0 -1.0 -42.8 Energy Exchange (MU) 2.5 -0.6 -0.6 -0.3 -1.8 -6.5
17 220 kV 18 132 kV 19 14 18 18 18 18 18 18 18	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOJHAPUR-KUDGI KOJHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER ER	1 2 2 2 2 2 2 2 1 1 1 IN Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH Le. ALIPURDUAR RE MANGDECHH LE. ALIPURDUAR RE MANGDECHH HE 94 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGR RECEIPT (from TAL- 220kV CHUE-HIA-BIR MALBASE - BIRAGR RECEIPT (from TAL- 220kV CHUE-HIA-BIR MALBASE - BIRAGR MALBASE - BIRA	0 0 0 1 957 881 0 1497 0 11497 0 1 1 0 1TERNATIONAL EX Name 1SAMW) 1SAMW) 1SAMW 1SAM	9 0 WR-NR 1009 1508 1562 2383 0 0 0 WR-SR WR-SR HANGES Max (MW) 171 95 0 39 21 0 -306 -349 -446	1.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1.0 0.0 0.0 0.0 1.08 -189.3 -10.0 3.12 -14.1 -40.0 2.3.4 0.0 0.0 0.0 1.0 42.8 Energy Exchange (MU) 2.5 1.9 -0.6 0.6 0.3 -1.8 -6.5 -6.3 -10.4
17 220 kV 18 132 kV 19 14 18 18 18 18 18 18 18	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI REGION ER ER ER ER ER NER NER NER NER	1 2 2 2 2 2 2 2 2 2 1 1 1 1 IN Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH HE? 4 1 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGU MA	0 0 0 0 0 957 801 1497 0 14997 0 14197 0 151 161 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 WR-NR 1009 1508 1558 1558 2383 0 0 0 WR-SR WR-SR HANGES 0 0 39 21 0 -306 -349 -446	1.0 0.0 0.0 0.0 0.0 0.0 38.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.8 227.7 10.0 3.2 14.1 40.0 0.0 0.0 0.0 0.0 0.0 67.2 Avg (MW) 105 77 0 24 14 0 -269 -262	1.0 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1.0 1.0