

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंटोलर ऑफ इंडिया 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: 03rd August 2023

To,

- 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 02.08.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-अगस्त-2023 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 02nd August 2023, is available at the NLDC website.

धन्यवाद,

ग्रिड कंट्रलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Date of Reporting: 03-Aug-2023

Report for previous day

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	72418	52200	49037	23402	3241	200298
Peak Shortage (MW)	0	0	0	0	21	21
Energy Met (MU)	1678	1230	1127	504	68	4607
Hydro Gen (MU)	442	79	75	116	30	743
Wind Gen (MU)	64	270	276	-	-	611
Solar Gen (MU)*	116.68	32.41	100.63	1.06	1.01	252
Energy Shortage (MU)	0.83	0.00	0.00	0.65	0.46	1.94
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	74638	54623	53049	24825	3257	202247
Time Of Maximum Demand Met	00:00	19:26	09:41	23:14	19:42	19:47

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	0.034	0.00	0.00	2.68	2.68	82.63	14.69

C. Power Supply Position in States

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	O.M.D.	Schedule	(MIII)	(3.4337)	Shortage (MU
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(MW)	
	Punjab	15125	0	332.9	194.4	-1.4	188	0.00
	Haryana	11990	0	246.0	192.7	-0.1	212	0.00
	Rajasthan	12748	0	302.2	74.4	-2.7	396	0.00
	Delhi	7005	0	139.3	126.5	-1.6	184	0.00
NR	UP	26356	0	511.6	258.5	-3.3	604	0.00
	Uttarakhand	2107	0	47.7	21.6	-0.4	86	0.00
	HP	1710	0	35.9	0.3	-0.4	83	0.75
	J&K(UT) & Ladakh(UT)	2499	0	51.7	27.4	-1.6	84	0.08
	Chandigarh	412	0	7.8	7.9	-0.1	41	0.00
	Railways_NR ISTS	164	0	3.3	3.6	-0.3	5	0.00
	Chhattisgarh	4329	0	90.9	37.9	-3.4	230	0.00
	Gujarat	15289	0	344.5	135.1	1.1	1055	0.00
	MP	11052	0	233.1	98.9	-4.7	341	0.00
WR	Maharashtra	22464	0	489.5	170.2	-5.0	695	0.00
	Goa	626	0	12.6	12.6	-0.2	49	0.00
	DNHDDPDCL	1267	0	29.7	29.4	0.3	52	0.00
	AMNSIL	821	0	17.0	7.2	0.4	258	0.00
	BALCO	520	0	12.4	12.5	-0.1	9	0.00
	Andhra Pradesh	10049	0	211.4	55.3	-1.4	410	0.00
	Telangana	11488	0	226.2	105.8	1.4	518	0.00
\mathbf{SR}	Karnataka	11521	0	204.5	48.5	-1.2	410	0.00
	Kerala	4081	0	82.0	65.2	1.7	363	0.00
	Tamil Nadu	17813	0	392.7	172.0	-0.4	575	0.00
	Puducherry	471	0	10.4	10.0	-0.3	40	0.00
	Bihar	6764	0	121.0	115.2	-1.9	195	0.55
	DVC	3199	0	68.7	-34.8	0.3	256	0.00
	Jharkhand	1484	0	30.6	26.3	-0.4	208	0.10
ER	Odisha	5470	0	98.3	40.5	-3.0	377	0.00
	West Bengal	8753	0	184.0	67.7	-2.5	7	0.00
	Sikkim	71	0	0.9	1.2	-0.2	21	0.00
	Railways_ER ISTS	21	0	0.2	0.3	-0.1	378	0.00
	Arunachal Pradesh	156	0	3.0	3.0	-0.3	36	0.00
	Assam	2296	0	47.2	40.8	0.4	182	0.00
	Manipur	176	0	2.7	2.7	0.0	17	0.00
NER	Meghalaya	323	15	5.2	1.5	-0.2	84	0.46
	Mizoram	117	0	1.9	1.7	-0.1	16	0.00
	Nagaland	135	0	2.9	2.6	-0.2	26	0.00
	Tripura	282	0	5.3	5.4	-0.1	40	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	41.7	6.6	-25.2	-28.3
Day Peak (MW)	2197.0	354.8	-1081.0	-1245.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	333.8	-312.5	74.1	-96.1	0.6	0.0
Actual(MU)	321.3	-335.0	98.8	-92.7	3.3	-4.3
O/D/II/D(MII)	-12 5	-22.5	24.7	3.4	2.7	-43

F. Generation Outage(MW)

1. Generation Gutage(11111)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3072	12191	5248	3385	271	24167	39
State Sector	6150	17298	9718	3690	179	37035	61
Total	9222	29489	14966	7075	450	61202	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	721	1177	498	552	13	2960	60
Lignite	27	10	52	0	0	89	2
Hydro	442	79	75	116	30	743	15
Nuclear	29	50	64	0	0	143	3
Gas, Naptha & Diesel	26	20	6	0	28	79	2
RES (Wind, Solar, Biomass & Others)	188	304	398	2	1	893	18
Total	1432	1640	1093	670	72	4907	100
Share of RES in total generation (%)	13.09	18.56	36.46	0.31	1.41	18.21	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	46.00	26.43	49.17	17.65	43.95	36.26	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.040
Based on State Max Demands	1.093

I. All India Peak Demand and shortage at Solar and Non-Solar Hour

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	199851	14:59	80
Non-Solar hr	202247	19:47	15

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

^{**}Note: All generation MU figures are gross

***Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)

Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours

*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)
Date of Reporting: 03-Aug-2023

i i						Date of Reporting:	03-Aug-2023
Sl No Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER							
1 HVDC	ALIPURDUAR-AGRA	2	0	500	0.0	11.9 0.0	-11.9
2 HVDC 3 765 kV	PUSAULI B/B GAYA-VARANASI	2	0 270	0 570	0.0	2.6	0.0 -2.6
4 765 kV	SASARAM-FATEHPUR	1	0	400	0.0	4.6	-4.6
5 765 kV	GAYA-BALIA	1	0	620	0.0	9.7	-9.7
6 400 kV 7 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	38 21	28 46	0.0	0.4	-0.4 -0.4
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	0	876	0.0	15.4	-15.4
9 400 kV	PATNA-BALIA	2	0	528	0.0	8.6	-8.6
10 400 kV	NAUBATPUR-BALIA	2	0	545	0.0	8.5 4.9	-8.5
11 400 kV 12 400 kV	BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR	2	0	313 638	0.0	10.2	-4.9 -10.2
13 400 kV	BIHARSHARIFF-VARANASI	2	62	291	0.0	1.9	-1.9
14 220 kV	SAHUPURI-KARAMNASA	1	0	151	0.0	2.1	-2.1
15 132 kV 16 132 kV	NAGAR UNTARI-RIHAND GARWAH-RIHAND	1	30	0	0.0	0.0	0.0
17 132 kV	KARMANASA-SAHUPURI	1	0	36	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
				ER-NR	0.6	81.0	-80.3
Import/Export of ER							
1 765 kV 2 765 kV	JHARSUGUDA-DHARAMJAIGARH NEW RANCHI-DHARAMJAIGARH	4 2	1627 971	0 814	16.3 25.9	0.0	16.3 25.9
3 765 kV	JHARSUGUDA-DURG	2	88	361	0.0	2.5	-2.5
4 400 kV	JHARSUGUDA-RAIGARH	4	363	196	1.5	0.0	1.5
5 400 kV	RANCHI-SIPAT	2	213	211	4.8	0.0	4.8
6 220 kV 7 220 kV	BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	1 2	0 142	97 0	0.0	1.7 0.0	-1.7 0.5
7 220 KV	BUDHIFADAR-KURBA		142	ER-WR	48.9	4.2	44.7
Import/Export of ER	With SR)			232 1111	1012		
1 HVDC	JEYPORE-GAZUWAKA B/B	2	386	0	7.2	0.0	7.2
2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1985	0.0	40.2	-40.2
3 765 kV 4 400 kV	ANGUL-SRIKAKULAM TALCHER-I/C	2 2	0 258	2755 652	0.0	46.3 2.5	-46.3 -2.5
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	052	0.0	0.0	0.0
•	•			ER-SR	7.2	86.6	-79.4
Import/Export of ER							
1 400 kV	BINAGURI-BONGAIGAON	2	0	362	0.0	5.1	-5.1
2 400 kV 3 220 kV	ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	0	486 119	0.0	6.9 1.8	-6.9 -1.8
3 220 KV	ALII URDUAN SALAKATI		U	ER-NER	0.0	13.8	-13.8
Import/Export of NEF	(With NR)			22-1101	V10		
1 HVDC	BISWANATH CHARIALI-AGRA	2	0	503	0.0	12.1	-12.1
				NER-NR	0.0	12.1	-12.1
Import/Export of WR		•	-				
1 HVDC 2 HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0	5050 101	0.0	88.2 2.4	-88.2 -2.4
3 HVDC	MUNDRA-MOHINDERGARH	2	0	978	0.0	17.4	-2.4
4 765 kV	GWALIOR-AGRA	2	0	2403	0.0	33.9	-33.9
5 765 kV	GWALIOR-PHAGI	2	580	1315	2.0	12.5	-10.5
6 765 kV	JABALPUR-ORAI	2	0	927	0.0	23.6	-23.6
7 765 kV 8 765 kV	GWALIOR-ORAI SATNA-ORAI	1	762 0	0 880	12.4 0.0	0.0 16.4	12.4 -16.4
9 765 kV	BANASKANTHA-CHITORGARH	2	66	1343	0.0	18.6	-18.5
10 765 kV	VINDHYACHAL-VARANASI	2	0	3149	0.0	52.9	-52.9
					0.0		
11 400 kV	ZERDA-KANKROLI	1	112	177	1.0	0.0	1.0
11 400 kV 12 400 kV	ZERDA -BHINMAL	1	112 458	177 198	1.0 3.7	0.0 0.6	1.0 3.1
11 400 kV 12 400 kV 13 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND	î	112 458 954	177 198 0	1.0 3.7 19.8	0.0 0.6 0.0	1.0 3.1 19.8
11 400 kV 12 400 kV	ZERDA -BHINMAL	1 1 1 2 1	112 458	177 198	1.0 3.7	0.0 0.6	1.0 3.1
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 2 1 1	112 458 954 225 0	177 198 0 601 0 30	1.0 3.7 19.8 1.0 0.0	0.0 0.6 0.0 4.5 0.0 2.2	1.0 3.1 19.8 -3.5 0.0 -2.2
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 2 1	112 458 954 225 0 0 123	177 198 0 601 0 30	1.0 3.7 19.8 1.0 0.0 0.0	0.0 0.6 0.0 4.5 0.0 2.2 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 2 1 1	112 458 954 225 0 0 123 60	177 198 0 601 0 30 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 2 1 1	112 458 954 225 0 0 123	177 198 0 601 0 30	1.0 3.7 19.8 1.0 0.0 0.0	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA RANPUR BHANPURA MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 2 1 1 1 1 1	112 458 954 225 0 0 123 60	177 198 0 601 0 30 0 0 0 0 0 0 0 0 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 2 1 1 1 1 1	112 458 954 225 0 0 123 60 0	177 198 0 601 0 30 0 0 WR-NR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 2.3 0.0 0.0 0.0 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B	1 2 1 1 1 1 1 1 2	112 458 954 225 0 0 123 60 0	177 198 0 601 0 30 0 0 WR-NR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 -2.31.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 2 1 1 1 1 1	112 458 954 225 0 0 123 60 0	177 198 0 601 0 30 0 0 WR-NR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 2.3 0.0 0.0 0.0 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1
11	ZERDA - BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 2 1 1 1 1 1 1 2	112 458 954 225 0 0 123 60 0 0	177 198 0 601 0 30 0 0 WR-NR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 -0.0 -231.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WARMAM MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	112 458 954 225 0 0 123 60 0 0 0 123 0 0 1454	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 1566 2715 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 2.3 2.2 0.0 0.0 0.0 0.0 0.0 2.3 2.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 2 1 1 1 1 1 1 2	112 458 954 225 0 0 123 60 0 0 0 0 1001 0 1454	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 11566 2715 0 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 3.2 0.0 24.9 0.0	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 -0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WARMAM MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	112 458 954 225 0 0 123 60 0 0 0 123 0 0 1454	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 1566 2715 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 2.3 2.2 0.0 0.0 0.0 0.0 0.0 2.3 2.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	112 458 954 225 0 0 123 60 0 0 0 0 1001 0 1454 0 0	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 1566 2715 0 0	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 3.2 0.0 24.9 0.0 0.0	0.0 0.6 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	112 458 954 225 0 0 123 60 0 0 1001 0 1454 0 0 0 0	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 1113	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 0.0 2.1
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA ROWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 1 1 1 2 2 1 2 2 2 2 2 2 2	112 458 954 225 0 0 123 60 0 0 120 0 1454 0 0 0 1454 0 0 0 0 0 CHANGES	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	112 458 954 225 0 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 CHANGES	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 1113	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve)
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1	112 458 954 225 0 0 123 60 0 0 123 60 0 1454 0 0 1454 0 0 CHANGES Name	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 2.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.2 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MII)
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA ROWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 14554 Name ALIPURDUAR 1,2&3 i.e.	177 198 0 601 0 30 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 24.9 0.0 0.0 24.9 30.3 Min (MW)	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW)	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 CHANGES Name T (from MANGDECHU 11,2,4 (& 400kV 11) i.e. BINAGURI	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 2.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.2 0.0 0.0	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MII)
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 CHANGES Name T (from MANGDECHU 11,2,4 (& 400kV 11) i.e. BINAGURI	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 24.9 0.0 0.0 24.9 30.3 Min (MW)	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW)	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 CHANGES Name 1454 CHANGES Name 17 (from MANGDECHU 17 1,2,4 (& 400K) 11 1,2 (& 220K) 11 1,2 (& 220K) 11 1,2 (& 220K) 11 1,2 (& 220K)	177 198 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 24.9 0.0 0.0 24.9 30.3 Min (MW)	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW)	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 CHANGES Name 1454 CHANGES Name 17 (from MANGDECHU 17 1,2,4 (& 400K) 11 1,2 (& 220K) 11 1,2 (& 220K) 11 1,2 (& 220K) 11 1,2 (& 220K)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 24.9 30.3 Min (MW)	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW)	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 14554 0 0 171,24 (& 400kV t) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 24.9 0.0 3.2 0.0 0.0 71	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW) 534	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	112 458 954 225 0 0 123 60 0 123 60 0 1001 0 1001 0 1454 0 0 0 14554 0 0 171,24 (& 400kV t) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 24.9 30.3 Min (MW)	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW)	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 1454 0 171,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 22.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW) 534	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 1454 0 171,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 1113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 24.9 0.0 3.2 0.0 0.0 71	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW) 534	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 (+ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1	112 458 954 225 0 0 123 60 0 0 123 60 0 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI IEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 22.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 1454 0 171,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 22.1 30.3	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 0.0 89.3 Import(Avg (MW) 534	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER	1	112 458 954 225 0 0 123 60 0 0 123 60 0 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI IEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3 Min (MW) 379	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER	1	112 458 954 225 0 0 123 60 0 0 123 60 0 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI IEP 6°170MW) IEP 6°170MW IEP 6°1	177 198 0 0 601 0 30 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3 Min (MW) 379	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 0 123 60 0 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI IEP 6°170MW) IEP 6°170MW IEP 6°1	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 24.9 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MII) 12.81 23.97 3.25 0.56
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 0 123 60 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR)	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 24.9 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0 71 14 35	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -2.31.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MII) 12.81 23.97 3.25 0.56
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALTTPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	1	112 458 954 225 0 0 123 60 0 0 123 60 0 100 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR)	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 24.9 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MII) 12.81 23.97 3.25 0.56
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 100 0 100 100 1454 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3 Min (MW) 379 0 0 144 35	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MII) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 100 0 100 100 1454 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 24.9 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0 71 14 35	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -2.31.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MII) 12.81 23.97 3.25 0.56
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER NER NER NER ER ER ER	1 2 1 1 1 1 1 1 1 1	112 458 954 225 0 0 123 60 0 123 60 0 100 0 100 100 1454 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3 Min (MW) 379 0 0 144 35	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -2.31.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI TN Region ER ER NER NER ER ER ER ER	1	112 458 954 225 0 0 123 60 0 123 60 0 100 0 100 100 1454 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 0.0 2.1 30.3 Min (MW) 379 0 14 14 35	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 -2.31.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER NER NER NER ER ER ER	1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU I 1,2,4 (& 400kV I) Le. BINAGURI IEP 6*170MW) IAR 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2 DC (B'DESH)	177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36 -5 396	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0 144 35 0 0 152 -801	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 273.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12 -1 288	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02 6.92
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER	1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU IT 1,2,4 (& 400KV IT 1,2,4 (177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36 -5 396 -924	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0 152 -801	0.0 0.6 0.0 0.0 4.5 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 273.2 7.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12 -1 288 -915	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02 -28.27
11	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI TN Region ER ER NER NER ER ER ER ER	1	112 458 954 225 0 0 123 60 0 123 60 0 0 1001 0 1001 0 1454 0 0 0 1454 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU IT 1,2,4 (& 400KV IT 1,2,4 (177 198 0 601 0 30 0 0 0 0 0 WR-NR 304 4004 1566 2715 0 0 0 113 WR-SR Max (MW) 685 1077 271 29 60 -36 -5 396	1.0 3.7 19.8 1.0 0.0 0.0 0.0 1.5 0.7 0.0 0.0 0.0 42.1 0.0 0.0 24.9 0.0 2.1 30.3 Min (MW) 379 0 144 35 0 0 152 -801	0.0 0.6 0.0 0.0 4.5 0.0 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0 273.2 40.9 6.7 34.5 0.0 0.0 0.0 89.3 Import(Avg (MW) 534 999 135 23 48 -12 -1 288	1.0 3.1 19.8 -3.5 0.0 -2.2 1.5 0.7 0.0 0.0 0.0 -231.1 -7.2 -40.9 -3.5 -34.5 24.9 0.0 0.0 2.1 -59.1 +ve)/Export(-ve) Energy Exchange (MU) 12.81 23.97 3.25 0.56 1.15 -0.29 -0.02 6.92

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 03-Aug-2023

Export From India (in MU)

					STOA				
	(ISGS/LTA/MTOA)	COLLECTIVE							
Country	PPA	BILATERAL		IDAM			RTM		
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bangladesh	22.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.03
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	22.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.03

Import by India(in MU)

			STOA							
	(ISGS/LTA/MTOA)		COLLECTIVE							
Country	PPA	BILATERAL		IDAM				TOTAL		
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	40.39	1.70	0.00	0.00	0.00	0.00	0.00	0.00	42.09	
Nepal	0.00	0.00	6.92	0.00	0.00	0.00	0.00	0.00	6.92	
Bangladesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Import	40.39	1.70	6.92	0.00	0.00	0.00	0.00	0.00	49.01	

Net from India(in MU) -ve : Export / +ve : Import

Tet from media(m 1976)									inport.
		STOA							
	(ISGS/LTA/MTOA)		COLLECTIVE						
Country	PPA	BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	40.39	1.70	0.00	0.00	0.00	0.00	0.00	0.00	42.09
Nepal	0.00	0.00	6.92	0.00	0.00	0.00	0.00	0.00	6.92
Bangladesh	-22.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-22.03
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	18.36	1.70	6.92	0.00	0.00	0.00	0.00	0.00	26.98