

## 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, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

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Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

दिनांक: 13<sup>th</sup> May 2023

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 2. 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 12.05.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-मई-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 12<sup>th</sup> May 2023, is available at the NLDC website.

धन्यवाद.

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



Date of Reporting: 13-May-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)	61733	61521	47338	26575	3040	200207
Peak Shortage (MW)	130	0	0	282	57	469
Energy Met (MU)	1378	1467	1085	594	57	4581
Hydro Gen (MU)	196	36	61	47	8	348
Wind Gen (MU)	26	118	105	-	-	249
Solar Gen (MU)*	143.01	70.69	118.09	3.20	1.12	336
Energy Shortage (MU)	1.39	0.00	0.00	3.36	1.85	6.60
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	62766	66721	51211	27402	3136	207191
Time Of Maximum Demand Met	22:42	15:29	14:59	23:24	18:56	15:01

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 0.052 0.00 0.10 11.86 17.50 11.76 70.64

C. Power Supply Position in States

		Max.Demand	Shortage during	<b>Energy Met</b>	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	OMID	(3.4337)	Shortage (MU)
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(MW)	
	Punjab	9151	0	186.3	72.1	-1.2	132	0.00
	Haryana	8827	0	184.5	142.5	-0.9	179	0.19
	Rajasthan	14969	0	301.2	106.0	-2.2	349	0.00
	Delhi	5145	0	103.9	98.0	-3.6	121	0.00
NR	UP	23348	0	459.2	183.7	-1.3	528	0.00
	Uttarakhand	2155	0	45.8	30.3	0.2	123	0.17
	HP	1561	0	30.5	10.9	-0.3	117	0.00
	J&K(UT) & Ladakh(UT)	2815	0	57.8	40.3	-3.3	0	1.03
	Chandigarh	252	0	5.1	5.2	-0.1	21	0.00
	Railways_NR ISTS	172	0	3.8	3.3	0.5	34	0.00
	Chhattisgarh	4692	0	106.5	42.2	-1.3	571	0.00
	Gujarat	20524	0	440.3	171.8	-3.3	619	0.00
	MP	11588	0	258.4	147.8	-2.5	319	0.00
WR	Maharashtra	26495	0	588.0	213.1	-2.6	547	0.00
	Goa	749	0	16.1	15.9	-0.1	49	0.00
	DNHDDPDCL	1244	0	29.0	29.6	-0.6	54	0.00
	AMNSIL	745	0	16.0	8.8	0.3	250	0.00
	BALCO	517	0	12.4	12.4	0.0	516	0.00
	Andhra Pradesh	10722	0	224.5	69.5	-1.0	595	0.00
	Telangana	8850	0	185.9	52.3	-0.9	582	0.00
SR	Karnataka	11289	0	220.3	69.3	-2.6	422	0.00
	Kerala	4568	0	93.0	67.8	0.1	261	0.00
	Tamil Nadu	16310	0	351.3	177.8	-2.7	527	0.00
	Puducherry	460	0	10.3	10.0	-0.4	39	0.00
	Bihar	6622	172	132.7	122.8	-2.4	257	1.10
	DVC	3723	0	78.2	-49.5	0.7	295	0.00
	Jharkhand	1771	0	36.2	29.8	-1.9	190	2.26
ER	Odisha	6305	0	122.6	46.4	-1.7	379	0.00
	West Bengal	10618	0	222.7	88.4	-3.3	101	0.00
	Sikkim	95	0	1.5	1.2	0.3	55	0.00
	Railways_ER ISTS	9	0	0.2	0.2	0.0	0	0.00
	Arunachal Pradesh	150	0	2.3	1.8	0.4	37	0.00
	Assam	1988	0	36.4	30.1	0.3	191	0.36
	Manipur	181	0	2.5	2.5	0.1	39	0.00
NER	Meghalaya	322	27	4.9	3.5	-0.1	62	1.49
	Mizoram	108	0	1.8	1.8	-0.4	6	0.00
	Nagaland	143	0	2.5	2.5	0.0	20	0.00
	Tripura	330	0	6.3	6.4	0.5	87	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	1.3	-15.9	-24.2	-19.7
Day Peak (MW)	145.0	-719.8	-1099.0	-966.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	258.7	-266.9	70.5	-71.9	9.6	0.0
Actual(MU)	249.5	-279.4	68.5	-56.0	12.5	-4.8
O/D/LI/D(MLI)	-9 1	-12.5	-2.0	15 9	2.9	-48

F. Generation Outage(MW)

1. Generation Gutage(11111)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4797	7979	6418	520	460	20174	49
State Sector	8270	7537	3551	1380	277	21014	51
Total	13067	15516	9969	1900	737	41188	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	771	1544	671	687	14	3687	74
Lignite	22	19	47	0	0	89	2
Hydro	196	36	61	47	8	348	7
Nuclear	25	47	52	0	0	123	2
Gas, Naptha & Diesel	16	40	6	0	29	91	2
RES (Wind, Solar, Biomass & Others)	181	190	251	4	1	627	13
Total	1211	1875	1089	738	51	4965	100
Share of RES in total generation (%)	14.96	10.11	23.07	0.52	2.18	12.63	]
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	33.19	14.53	33.42	6.93	17.87	22.13	

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.019
Based on State Max Demands	1.059

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	207191	15:01	157
Non-Solar hr	204267	22:44	432

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

<sup>\*\*</sup>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: 13-May-2023

						Date of Reporting:	
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	With NR)		1				
1 HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2 HVDC 3 765 kV	PUSAULI B/B GAYA-VARANASI	2	0 781	97 497	0.0	2.4 0.5	-2.4 -0.5
4 765 kV	SASARAM-FATEHPUR	1	317	305	0.0	1.0	-0.5 -1.0
5 765 kV	GAYA-BALIA	1	0	688	0.0	12.4	-12.4
6 400 kV	PUSAULI-VARANASI	1	0	113	0.0	1.3	-1.3
7 400 kV 8 400 kV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	1 2	6 404	87 330	0.0	0.9 1.1	-0.9 -1.1
9 400 kV	PATNA-BALIA	2	44	441	0.0	6.6	-6.6
10 400 kV	NAUBATPUR-BALIA	2	98	447	0.0	6.7	-6.7
11 400 kV	BIHARSHARIFF-BALIA	2	223	154	0.0	0.0	0.0
12 400 kV	MOTIHARI-GORAKHPUR	2 2	166	340	0.0	3.5	-3.5
13 400 kV 14 220 kV	BIHARSHARIFF-VARANASI SAHUPURI-KARAMNASA	1	354 0	197 183	0.0	0.0 2.6	0.0 -2.6
15 132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16 132 kV	GARWAH-RIHAND	1	25	0	0.0	0.0	0.0
17 132 kV	KARMANASA-SAHUPURI	1	0	19	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0 39.2	0.0
Import/Export of ER	With WD)			EK-NK	0.2	39.2	-39.0
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	709	357	5.6	0.0	5.6
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	1716	0	29.2	0.0	29.2
3 765 kV	JHARSUGUDA-DURG	2	0	397	0.0	5.0	-5.0
4 400 kV	JHARSUGUDA-RAIGARH	4	180	296	0.0	2.2	-2.2
5 400 kV 6 220 kV	RANCHI-SIPAT BUDHIPADAR-RAIGARH	2	481	0 44	7.1 0.0	0.0 1.1	7.1 -1.1
7 220 kV	BUDHIPADAR-KAIGARII BUDHIPADAR-KORBA	2	150	0	2.1	0.0	2.1
, 220 KY	DODINI IID III NORD.	-	150	ER-WR	44.0	8.3	35.6
Import/Export of ER	With SR)						
1 HVDC	JEYPORE-GAZUWAKA B/B	2	0	546	0.0	12.6	-12.6
2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1641	0.0	39.6	-39.6
3 765 kV 4 400 kV	ANGUL-SRIKAKULAM TALCHER-I/C	2 2	0 265	2542 18	0.0 4.5	42.3 0.0	-42.3 4.5
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
				ER-SR	0.0	94.5	-94.5
Import/Export of ER	With NER)					•	
1 400 kV	BINAGURI-BONGAIGAON	2	9	164	0.0	1.7	-1.7
2 400 kV	ALIPURDUAR-BONGAIGAON	2	123	399	0.0	3.4	-3.4
3 220 kV	ALIPURDUAR-SALAKATI	2	46	32	0.1	0.0	0.1
Immont/E	(With ND)			ER-NER	0.1	5.1	-5.1
Import/Export of NEI	BISWANATH CHARIALI-AGRA	2	290	0	7.0	0.0	7.0
1 HVDC	DISWANATH CHARIALI-AGRA		290	NER-NR	7.0	0.0	7.0
Import/Export of WR	(With NR)			TIER-TIR	7.0	0.0	7.0
1 HVDC	CHAMPA-KURUKSHETRA	2	0	4020	0.0	67.5	-67.5
2 HVDC	VINDHYACHAL B/B		245	0	6.1	0.0	6.1
3 HVDC	MUNDRA-MOHINDERGARH	2	0	979	0.0	24.2	-24.2
4 765 kV	GWALIOR-AGRA	2 2	0	2047	0.0	36.2 19.5	-36.2
5 765 kV 6 765 kV	GWALIOR-PHAGI JABALPUR-ORAI	2 2	520 0	1471 1032	1.0 0.0	35.1	-18.6 -35.1
7 765 kV	GWALIOR-ORAI	ı î	773	0	12.9	0.0	12.9
8 765 kV	SATNA-ORAI	1	0	1085	0.0	22.4	-22.4
9 765 kV	BANASKANTHA-CHITORGARH	2	995	395	5.4	1.1	4.2
10 765 kV	VINDHYACHAL-VARANASI	2	0	3431	0.0	64.4	-64.4
11 400 1-37			170	4.4	1.5		
11 400 kV 12 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	1	170 391	44 122	1.5 3.4	0.1	1.4 3.1
11 400 kV 12 400 kV 13 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	1 1	170 391 968	44 122 0	1.5 3.4 21.7		1.4 3.1 21.7
12 400 kV 13 400 kV 14 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 1 1 2	391 968 303	122 0 459	3.4 21.7 1.2	0.3 0.0 3.9	3.1 21.7 -2.7
12 400 kV 13 400 kV 14 400 kV 15 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1 2 1	391 968 303 0	122 0 459 0	3.4 21.7 1.2 0.0	0.3 0.0 3.9 0.0	3.1 21.7 -2.7 0.0
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	391 968 303 0	122 0 459 0 30	3.4 21.7 1.2 0.0 0.0	0.3 0.0 3.9 0.0 2.7	3.1 21.7 -2.7 0.0 -2.7
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	391 968 303 0	122 0 459 0	3.4 21.7 1.2 0.0	0.3 0.0 3.9 0.0	3.1 21.7 -2.7 0.0
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 2 1 1 1 1 1	391 968 303 0 0 49 34	122 0 459 0 30 12 22 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2	0.3 0.0 3.9 0.0 2.7 0.0 0.0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2
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	391 968 303 0 0 49 34	122 0 459 0 30 12 22 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0
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	391 968 303 0 0 49 34	122 0 459 0 30 12 22 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2	0.3 0.0 3.9 0.0 2.7 0.0 0.0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2
12	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	391 968 303 0 0 49 34 0	122 0 459 0 30 12 22 0 0 WR-NR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUALPUR 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	391 968 303 0 0 49 34 0	122 0 459 0 30 12 22 0 0 WR-NR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7
12	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	391 968 303 0 0 49 34 0	122 0 459 0 30 12 22 0 0 WR-NR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 277.5 7.2 27.5 4.7	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR 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	391 968 303 0 0 49 34 0 0 0 1888 56	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7 -7.2 -27.5 8.4 -21.1
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WERANPUR 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	391 968 303 0 0 49 34 0 0 0 0 1888 56 1410	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8 0.0 0.0 0.0 13.1	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7 -7.2 -27.5 8.4 -21.1 25.1
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR 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	391 968 303 0 0 49 34 0 0 0 0 1888 56 1410 0	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8 0.0 0.0 13.1 0.0 25.1 0.0	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7 -7.2 -27.5 8.4 -21.1 25.1 0.0
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WERANPUR 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	391 968 303 0 0 49 34 0 0 0 0 1888 56 1410	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8 0.0 0.0 0.0 13.1	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 0.0 277.5	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7 -7.2 -27.5 8.4 -21.1 25.1
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WERNE BHANPURA-WERNE 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	391 968 303 0 0 49 34 0 0 0 0 1888 56 1410 0	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8	0.3 0.0 3.9 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 -2.3.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1	391 968 303 0 0 49 34 0 0 0 0 1888 56 1410 0 0	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 0.0 2.5 -19.9
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV  Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI	1	391 968 303 0 0 0 49 34 0 0 0 0 1888 56 1410 0 0 CHANGES	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0 0 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5 40.6	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	3.1 21.7 -2.7 0.0 -2.7 0.5 0.2 0.0 0.0 -223.7 -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI	1	391 968 303 0 0 0 49 34 0 0 0 0 1888 56 1410 0 0 CHANGES	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 0.0 2.5 -19.9 (+ve)/Export(-ve)
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR 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-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region	1	391 968 303 0 0 0 49 34 0 0 0 1888 56 1410 0 0 CHANGES Name	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 40.6  Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	391 968 303 0 0 0 49 34 0 0 0 1888 56 1410 0 0 CHANGES Name	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0 0 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5 40.6	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	3.1 21.7 -2.7 0.0 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  +ve)/Export(-ve) Energy Exchange
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR 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-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region	1	391 968 303 0 0 0 49 34 0 0 0 0 0 1888 56 1410 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 40.6  Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR 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-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	391 968 303 0 0 0 49 34 0 0 0 1888 56 1410 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 40.6  Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	391 968 303 0 0 0 49 34 0 0 0 1888 56 1410 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 24.6 Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 0 1 0 0 1 0 0 0 1888 56 14110 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170M W) IRA 182 (& 220kV	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0 0 0 WR-SR WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05
12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 8 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 1888 56 14410 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) I&A 1&2 (& 220kV i.e. BIRAGAR RECEIPT	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 24.6 Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 240.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 0 WR-NR 305 2003 1201 1756 0 0 0 0 WR-SR WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 240.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) HER 12&2 20kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 240.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) HER 12&2 20kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 240.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	391 968 303 0 0 0 0 49 34 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) HER 12&2 20kV i.e. BIRPARA RECEIPT 84MW)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 240.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 4.7 20.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	391 968 303 0 0 0 0 49 34 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importice  Avg (MW)  -2  128  -90  -8	3.1 21.7 -2.7 0.0 -2.7 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MII) -0.05  3.08  -2.15 -0.19  0.67
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GGIA GAR-TANAKPUR(NHPC) M BIHAR)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 -200	3.4 21.7 1.2 0.0 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importi	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GGIA GAR-TANAKPUR(NHPC) M BIHAR)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importice  Avg (MW)  -2  128  -90  -8	3.1 21.7 -2.7 0.0 -2.7 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MII) -0.05  3.08  -2.15 -0.19  0.67
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GGIA GAR-TANAKPUR(NHPC) M BIHAR)	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 -200	3.4 21.7 1.2 0.0 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importi	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) IRA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GGIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 -200	3.4 21.7 1.2 0.0 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importi	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93 -10.40
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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	1   2   1   1   1   1   1   1   1   1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) IRA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GGIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 -200 -443	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64  0 23	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (**We)/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA 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	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 34 -77 -200 -443	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5 40.6  Min (MW)  63  99  -64  0 23  0 -73 -278	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importice  Avg (MW)  -2  128  -90  -8  28  -65  -164  -433	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -2.3.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (**We)/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93 -10.40 -20.84
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-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  NER  ER  ER	1	391 968 303 0 0 0 0 49 334 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) IRA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) IKATI GGIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 -200 -443	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64  0  23	0.3 0.0 3.9 0.0 0.0 2.7 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -223.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (+ve)/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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 XELDEM-AMBEWADI  ER  ER  NER  NER  NER  ER  ER  ER	1	391 968 303 0 0 0 0 49 34 0 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 34 -77 -200 -443	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5 40.6  Min (MW)  63  99  -64  0 23  0 -73 -278	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importice  Avg (MW)  -2  128  -90  -8  28  -65  -164  -433	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -2.3.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (**Wey/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93 -10.40 -20.84
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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 XELDEM-AMBEWADI  ER  ER  NER  NER  NER  ER  ER  ER	1	391 968 303 0 0 0 0 49 34 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2 DC (B'DESH) HANPUR (B'DESH) D/C	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 34 -77 -200 -443	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 2.5 40.6  Min (MW)  63  99  -64  0 23  0 -73 -278	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 128  Importice  Avg (MW)  -2  128  -90  -8  28  -65  -164  -433	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -2.3.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (**We)/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93 -10.40 -20.84
12	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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  ER  LER  ER  LER  L	1	391 968 303 0 0 0 0 49 34 0 0 0 0 1888 56 14110 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. T (from MANGDECHU II 1,2,4 (& 400kV ti) i.e. BINAGURI HEP 6*170MW) RA 182 (& 220kV i.e. BIRPARA RECEIPT 84MW) .KATI GIA GAR-TANAKPUR(NHPC) M BIHAR) UZAFFARPUR 1&2 DC (B'DESH) HANPUR (B'DESH) D/C	122 0 459 0 30 12 22 0 WR-NR  305 2003 1201 1756 0 0 0 126 WR-SR  Max (MW) -69  168 -114 -12 34 -77 -200 -443 -937	3.4 21.7 1.2 0.0 0.0 0.5 0.2 0.0 0.0 0.0 53.8  0.0 0.0 13.1 0.0 25.1 0.0 0.0 25.1 40.6  Min (MW)  63  99  -64  0  23  0  -73 -278 -685	0.3 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 277.5  7.2 27.5 4.7 21.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 21.7 -2.7 0.0 0.5 0.5 0.2 0.0 0.0 -2.3.7  -7.2 -27.5 8.4 -21.1 25.1 0.0 0.0 2.5 -19.9  (**We)/Export(-ve) Energy Exchange (MU) -0.05  3.08  -2.15 -0.19  0.67 -1.55 -3.93 -10.40 -20.84