

## 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

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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 25<sup>th</sup> May 2023

To,

- 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 24.05.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24<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: 25-May-2023

## Report for previous day

A. Power Supply Position at All India and Regional level

A. I ower Supply I ostdon at An India and Regional	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58560	62910	48618	24787	2834	197709
Peak Shortage (MW)	80	0	0	4	6	90
Energy Met (MU)	1332	1504	1170	533	50	4589
Hydro Gen (MU)	283	46	60	47	11	447
Wind Gen (MU)	48	202	100	-	-	351
Solar Gen (MU)*	127.96	65.43	127.98	5.31	0.74	327
Energy Shortage (MU)	0.15	0.00	0.00	2.36	1.08	3.59
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	61589	68227	55081	25578	2892	210952
Time Of Maximum Demand Met	14:56	15:03	14:44	23:26	18:49	14:48

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 0.044 0.00 0.05 6.08 6.12 69.62 24.26

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	(MU)	(MW)	Shortage (MU)
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(NIVV)	
	Punjab	9316	0	180.0	98.9	-3.3	272	0.00
	Haryana	8020	0	175.5	126.9	-3.0	365	0.00
	Rajasthan	14910	0	277.0	76.1	-13.3	280	0.00
	Delhi	6142	0	119.1	108.9	-5.5	168	0.00
NR	UP	24292	0	453.1	206.8	-0.2	661	0.00
	Uttarakhand	2037	0	35.2	16.3	-3.5	99	0.00
	HP	1488	0	29.7	0.0	-0.6	132	0.07
	J&K(UT) & Ladakh(UT)	2757	80	52.1	28.0	-1.4	104	0.08
	Chandigarh	301	0	6.0	6.6	-0.6	7	0.00
	Railways_NR ISTS	182	0	3.9	3.3	0.6	33	0.00
	Chhattisgarh	4837	0	107.7	54.5	-1.2	227	0.00
	Gujarat	21310	0	451.1	168.6	3.0	906	0.00
	MP	11945	0	268.3	150.8	-3.9	515	0.00
WR	Maharashtra	28121	0	600.8	218.8	1.0	894	0.00
	Goa	750	0	15.8	15.5	-0.1	42	0.00
	DNHDDPDCL	1234	0	28.8	29.1	-0.3	37	0.00
	AMNSIL	897	0	18.9	9.7	0.3	292	0.00
	BALCO	518	0	12.4	12.5	-0.1	8	0.00
	Andhra Pradesh	12026	0	243.0	88.6	-0.6	440	0.00
	Telangana	9552	0	194.7	66.0	-1.3	321	0.00
SR	Karnataka	12297	0	242.8	68.2	-2.4	452	0.00
	Kerala	4685	0	94.6	67.0	0.1	365	0.00
	Tamil Nadu	17578	0	384.3	209.0	-1.0	560	0.00
	Puducherry	489	0	10.8	10.6	-0.5	51	0.00
	Bihar	6277	4	110.7	102.5	-1.8	425	2.05
	DVC	3621	0	76.7	-33.5	0.6	254	0.00
	Jharkhand	1789	0	36.0	30.5	-2.2	208	0.31
ER	Odisha	6496	0	126.3	59.0	-1.9	523	0.00
	West Bengal	9240	0	181.4	67.5	-4.3	132	0.00
	Sikkim	94	0	1.4	1.4	0.0	39	0.00
	Railways_ER ISTS	8	0	0.1	0.3	-0.2	0	0.00
	Arunachal Pradesh	146	0	2.5	2.5	0.0	28	0.00
	Assam	1807	0	32.3	26.2	0.0	107	0.00
	Manipur	159	0	2.4	2.4	-0.1	30	0.00
NER	Meghalaya	331	6	4.9	2.5	-0.1	60	1.08
	Mizoram	109	0	1.9	1.9	-0.3	8	0.00
	Nagaland	145	0	2.6	2.5	-0.1	14	0.00
	Tripura	251	0	4.0	5.3	-0.1	42	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	2.7	-4.9	-24.5	-12.5
Day Peak (MW)	409.4	-410.7	-1069.0	-692.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	207.4	-254.4	125.4	-80.1	1.8	0.0
Actual(MU)	157.5	-257.1	153.8	-63.5	5.3	-4.1
O/D/U/D(MU)	-49.9	-2.7	28.4	16.6	3.6	-4.1

F. Generation Outage(MW)

1. Generation Gutage(17177)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3599	8626	5748	2300	434	20706	45
State Sector	7795	13005	2198	2000	277	25274	55
Total	11393	21631	7946	4300	710	45980	100

G. Boureewise generation (Gross) (MC)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	712	1453	693	626	12	3496	71
Lignite	16	20	38	0	0	74	1
Hydro	283	46	60	47	11	447	9
Nuclear	30	36	46	0	0	111	2
Gas, Naptha & Diesel	35	47	6	0	28	116	2
RES (Wind, Solar, Biomass & Others)	185	269	249	5	1	709	15
Total	1260	1870	1091	678	52	4952	100
Share of RES in total generation (%)	14.68	14.37	22.77	0.79	1.43	14.31	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	39.52	18.74	32.44	7.71	23.04	25.56	

H. All India Demand Diversity Factor

11. 111 Illaia Demaila Diversity Lactor	
Based on Regional Max Demands	1.011
Based on State Max Demands	1.072
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I. All India Peak Demand and shortage at Solar and Non-Solar Hour

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	210952	14:48	45
Non-Solar hr	199605	0:00	48

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: 25-May-2023

i 1						Date of Reporting:	25-May-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	(With ND)						
		1 1	1 0		0.0	0.0	1 00
1 HVDC 2 HVDC	ALIPURDUAR-AGRA	2	0	0 97	0.0	2.3	0.0
2 HVDC 3 765 kV	PUSAULI B/B GAYA-VARANASI	2	955	511	4.4	0.0	-2.3 4.4
4 765 kV	SASARAM-FATEHPUR	1	57	392	0.0	1.2	-1.2
5 765 kV	GAYA-BALIA	1	0	568	0.0	7.5	-7.5
6 400 kV	PUSAULI-VARANASI	1	2	140	0.0	1.6	-7.5
7 400 kV	PUSAULI -ALLAHABAD	1	35	112	0.0	0.7	-0.7
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	245	844	0.0	4.5	-0.7 -4.5
9 400 kV	PATNA-BALIA	2	3	637	0.0	7.0	-7.0
10 400 kV	NAUBATPUR-BALIA	2	51	669	0.0	7.1	-7.1
11 400 kV	BIHARSHARIFF-BALIA	2	227	412	0.0	1.7	-1.7
12 400 kV	MOTIHARI-GORAKHPUR	2	78	528	0.0	4.8	-4.8
13 400 kV	BIHARSHARIFF-VARANASI	2	395	300	0.9	0.0	0.9
14 220 kV	SAHUPURI-KARAMNASA	ī	0	184	0.0	3.0	-3.0
15 132 kV	NAGAR UNTARI-RIHAND	i	0	0	0.0	0.0	0.0
16 132 kV	GARWAH-RIHAND	i	25	0	0.4	0.0	0.4
17 132 kV	KARMANASA-SAHUPURI	i	0	62	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	i	0	0	0.0	0.0	0.0
102 11	THE REST COMMENTS OF THE PARTY	*	·	ER-NR	5.7	41.4	-35.6
Import/Export of ER	(With WD)			ER-I (R	5.1	71.7	-55.0
			1040			0.0	
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1860	0	17.1	0.0	17.1
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	1294	0	15.2	0.0	15.2
3 765 kV	JHARSUGUDA-DURG	2	0	419	0.0	6.1	-6.1
4 400 kV	JHARSUGUDA-RAIGARH	4	156	360	0.0	3.7	-3.7
5 400 kV	RANCHI-SIPAT	2	283	54	2.8	0.0	2.8
6 220 kV	BUDHIPADAR-RAIGARH	1	0	44	0.0	1.0	-1.0
7 220 kV	BUDHIPADAR-KORBA	2	140	0 ED WD	2.5	0.0	2.5
				ER-WR	37.6	10.8	26.8
Import/Export of ER							
1 HVDC	JEYPORE-GAZUWAKA B/B	2	0	725	0.0	12.6	-12.6
2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1638	0.0	39.6	-39.6
3 765 kV	ANGUL-SRIKAKULAM	2	0	2795	0.0	52.4	-52.4
4 400 kV	TALCHER-I/C	2	257	623	3.1	0.0	3.1
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
				ER-SR	0.0	104.5	-104.5
Import/Export of ER	(With NER)				010		
1 400 kV	BINAGURI-BONGAIGAON	2	186	106	1.1	0.0	1.1
2 400 kV	ALIPURDUAR-BONGAIGAON	2	384	187	3.1	0.0	3.1
3 220 kV		2	384 89	187 7		0.0	
3 220 KV	ALIPURDUAR-SALAKATI	2	89		1.3		1.3
	CALLY ALEX			ER-NER	5.4	0.0	5.4
Import/Export of NEI							
1 HVDC	BISWANATH CHARIALI-AGRA	2	483	0	10.3	0.0	10.3
			•	NER-NR	10.3	0.0	10.3
Import/Export of WR	(With NR)						
1 HVDC	CHAMPA-KURUKSHETRA	2	0	3017	0.0	58.7	-58.7
2 HVDC	VINDHYACHAL B/B	- 2	454	55	6.6	0.5	6.2
3 HVDC	MUNDRA-MOHINDERGARH	2	0	299	0.0	7.3	-7.3
4 765 kV	GWALIOR-AGRA	2	0	1640	0.0	23.5	-7.5
		2				3.6	
5 765 kV	GWALIOR-PHAGI		921	1059	0.0		-3.6
6 765 kV	JABALPUR-ORAI	2	0	775	0.0	19.4	-19.4
7 765 kV	GWALIOR-ORAI	1	546	0	8.6	0.0	8.6
8 765 kV	SATNA-ORAI	1	0	965	0.0	18.6	-18.6
9 765 kV	BANASKANTHA-CHITORGARH	2	787 0	295 3302	8.6 0.0	0.0	8.6
10 765 kV	VINDHYACHAL-VARANASI	2				60.2	-60.2
						0.0	
11 400 kV	ZERDA-KANKROLI	1	168	22	2.1	0.0	2.1
11 400 kV 12 400 kV	ZERDA -BHINMAL	1	168 399	22 161	2.1 4.9	0.0	4.9
11 400 kV 12 400 kV 13 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	168 399 959	22 161 0	2.1 4.9 21.7	0.0	4.9 21.7
11 400 kV 12 400 kV 13 400 kV 14 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 1 1 2	168 399 959 549	22 161 0 265	2.1 4.9 21.7 3.9	0.0 0.0 0.0	4.9 21.7 3.9
11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1 2 1	168 399 959 549	22 161 0 265 0	2.1 4.9 21.7 3.9 0.0	0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0
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	168 399 959 549 0	22 161 0 265 0 30	2.1 4.9 21.7 3.9 0.0	0.0 0.0 0.0 0.0 0.0 2.3	4.9 21.7 3.9 0.0 -2.3
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	168 399 959 549 0 0	22 161 0 265 0 30 25	2.1 4.9 21.7 3.9 0.0 0.0	0.0 0.0 0.0 0.0 0.0 2.3 0.0	4.9 21.7 3.9 0.0 -2.3 1.2
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-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 2 1 1	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29	2.1 4.9 21.7 3.9 0.0 0.0 1.2	0.0 0.0 0.0 0.0 2.3 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9
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	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 2 1 1 1 1 1	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9	0.0 0.0 0.0 0.0 2.3 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9
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-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 2 1 1	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0
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	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 2 1 1 1 1 1	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9	0.0 0.0 0.0 0.0 2.3 0.0 0.0	4,9 21.7 3.9 0.0 -2.3 1.2 0.9
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	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0
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	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	168 399 959 549 0 0 82 66	22 161 0 265 0 30 25 29 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5
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	168 399 959 549 0 0 82 66 0	22 161 0 265 0 30 25 29 0 0 WR-NR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0 194.1	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5
11   400 kV   12   400 kV   12   400 kV   13   400 kV   14   400 kV   15   220 kV   17   220 kV   18   220 kV   19   132 kV   20   132 kV     Import/Export of WR   1   HVDC   2   HVDC   12   400 kV   13   400 kV   14   400 kV   15   400 k	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	1 2 1 1 1 1 1	168 399 959 549 0 0 82 66 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0 0.0 194.1	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -1.2 5.5
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	1 2 1 1 1 1 1 1 2	168 399 959 549 0 0 82 66 0 0	22 161 0 265 0 30 25 29 0 WR-NR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0 194.1	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5
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 RAIGARH-PUGALUR	1 2 1 1 1 1 1 1 2	168 399 959 549 0 0 82 66 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0 0.0 194.1	4,9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 1 1 1 1 1 2 2	168 399 959 549 0 0 82 66 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -1.2 0.0 -1.35.5
11	ZERDA -BHINMAL  VINDHYACHAL -RIHAND  RAPP-SHUJALPUR  BHANPURA-MORAK  MEHGAON-AURAHYA  MALANPUR-AURAHYA  MALANPUR-AURAHYA  (WITH SR)  BHANDURA-MORAK  MALANPUR-AURAHYA  WALIOR-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 2	168 399 959 549 0 0 82 66 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4,9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUALPUR 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	1 2 1 1 1 1 1 2 2	168 399 959 549 0 0 82 66 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 0.0 2.3 0.0 0.0 0.0 0.0 194.1	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5 -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0
11	ZERDA -BHINMAL  VINDHYACHAL -RIHAND  RAPP-SHUJALPUR  BHANPURA-MORAK  MEHGAON-AURAHYA  MALANPUR-AURAHYA  MALANPUR-AURAHYA  (WITH SR)  BHANDURA-MORAK  MALANPUR-AURAHYA  WALIOR-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 2 2	168 399 959 549 0 0 82 66 0 0 0 0 1 10 0 1267	22 161 0 0 265 0 30 25 29 0 WR-NR  506 4013 1514 2114 0 0 0 132	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -1.2 0.0 -1.35.5
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1	168 399 959 549 0 0 82 66 0 0 0 0 0 10 10 10 1267 0 1267	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -1.2 0.0 -1.35.5
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 2 2	168 399 959 549 0 0 82 66 0 0 0 0 0 10 10 10 1267 0 1267	22 161 0 0 265 0 30 25 29 0 WR-NR  506 4013 1514 2114 0 0 0 132	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve)
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	168 399 959 549 0 0 82 66 0 0 0 0 0 10 10 10 1267 0 1267	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	168 399 959 549 0 0 82 66 0 0 0 0  887 0 1267 0 0 2 10 0 CCHANGES	22 161 0 0 265 0 30 25 29 0 WR-NR  506 4013 1514 2114 0 0 0 132	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve)
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region	1	168 399 959 549 0 0 82 66 0 0 0 0 0 10 10 10 10 1267 0 126	22 161 0 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (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	168 399 959 549 0 0 82 66 0 0 0 0 0 10 10 10 10 1267 0 126	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	168 399 959 549 0 0 82 66 0 0 0 0  887 0 1267 0 0 2 10 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU	22 161 0 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 0 10 10 10 1267 0 1267 0 1267 0 127 T (from MANGDECHU	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 26.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 -1.35.5
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAIYA 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-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI	22 161 0 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 26.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 666 0 0 0 0 0 0 0 10 0 10 0 1267 0 0 1267 0 0 1267 0 0 127 0 127 0 128 (24 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV II) i.e. BINAGURI	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 26.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 -0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 132 WR-SR Max (MW)	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW) -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 161 0 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 132 WR-SR Max (MW)	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW) -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 132 WR-SR Max (MW)	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW) -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER	1	168 399 959 549 0 0 0 82 666 0 0 0 0 0 0 887 0 1267 0 0 1267 0 0 2 0 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU ET 1,2,4 (& 400kV U) i.e. BINAGURI HEP 6*170MW) ARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 132 WR-SR Max (MW) 163 288	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI XELDEM-AMBEWADI IN Region  ER	1	168 399 959 549 0 0 0 82 666 0 0 0 0 0 0 887 0 1267 0 0 1267 0 0 2 0 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU ET 1,2,4 (& 400kV U) i.e. BINAGURI HEP 6*170MW) ARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 0 132 WR-SR Max (MW)	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256.7  Min (MW) -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER	1	168 399 959 549 0 0 0 82 666 0 0 0 0 0 0 887 0 1267 0 0 1267 0 0 2 0 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU ET 1,2,4 (& 400kV U) i.e. BINAGURI HEP 6*170MW) ARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 132 WR-SR Max (MW) 163 288	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07
11	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-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1	168 399 959 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 22 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU EI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 2.6 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER	1	168 399 959 549 0 0 0 82 666 0 0 0 0 0 0 887 0 1267 0 0 1267 0 0 2 0 0 CCHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU ET 1,2,4 (& 400kV U) i.e. BINAGURI HEP 6*170MW) ARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW)	22 161 0 265 0 30 25 29 0 0 WR-NR 506 4013 1514 2114 0 0 132 WR-SR Max (MW) 163 288	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 256 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07
11	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-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1	168 399 959 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 22 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU EI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 2.6 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 882 66 0 0 0 0 1267 0 0 2 0 1267 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI HEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 1.7 0.0 0.0 0.0 24.1 0.0 0.0 1.7 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33 -0.15
11	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-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 882 66 0 0 0 0 1267 0 0 2 0 1267 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI HEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 24.1 0.0 0.0 24.1 0.0 0.0 2.6 26.7  Min (MW)  -51	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 882 66 0 0 0 0 1267 0 0 2 0 1267 0 0 CHANGES Name -ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU II 1,2,4 (& 400kV RI) i.e. BINAGURI HEP 6*170MW) IARA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) i.KATI	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 1.7 0.0 0.0 0.0 24.1 0.0 0.0 1.7 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1284 1284 1284 1284 1384 1384 1384 1384 1384 1384 1384 13	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 157  -43 -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07  -5.33  -0.15  0.65
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1284 1284 1284 1284 1384 1384 1384 1384 1384 1384 1384 13	22 161 0 265 0 30 225 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 1.7 0.0 0.0 0.0 24.1 0.0 0.0 1.7 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07  -5.33 -0.15
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1284 1284 1284 1284 1384 1384 1384 1384 1384 1384 1384 13	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 157  -43 -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MI) 1.46  6.07  -5.33 -0.15  0.65
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER  ER  NER  NER  NER  ER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1294 1294 1294 1394 1494 1594 1694 1794 1894 1894 1894 1894 1894 1894 1894 18	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 26.7  Min (MW)  -51  157  -43  -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33  -0.15  0.65  -1.02 -0.24 -3.68
11	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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  NER  NER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1294 1294 1294 1394 1494 1594 1694 1794 1894 1894 1894 1894 1894 1894 1894 18	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75	2.1 4.9 21.7 3.9 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 24.1 157  -43 -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MI) 1.46  6.07  -5.33 -0.15  0.65
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER  ER  NER  NER  NER  ER	1   2   1   1   1   1   1   1   1   1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1294 1294 1294 1394 1494 1594 1594 1694 1794 1894 1894 1894 1894 1894 1894 1894 18	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 26.7  Min (MW)  -51  157  -43  -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33  -0.15  0.65  -1.02 -0.24 -3.68
11	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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region  ER  ER  NER  NER  NER  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 0 887 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1284 1284 1284 1284 1284 1384 1384 1384 1384 1384 1384 1384 13	22 161 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 2.6 26.7  Min (MW)  -51 157 -43 -5 13 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33 -0.15  0.65  -1.02 -0.24 -3.68
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  (With SR) 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	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 1267 0 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1294 1294 1294 1394 1494 1594 1594 1694 1794 1894 1894 1894 1894 1894 1894 1894 18	22 161 0 265 0 30 255 29 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 26.7  Min (MW)  -51  157  -43  -5  13	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33 -0.15  0.65 -1.02 -0.24 -3.68
11	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-CHIKODI YELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER  NER  ER  ER	1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 0 887 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 1267 0 127 0 1284 1284 1284 1284 1284 1284 1384 1384 1384 1384 1384 1384 1384 13	22 161 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 2.6 26.7  Min (MW)  -51 157 -43 -5 13 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33 -0.15  0.65  -1.02 -0.24 -3.68
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  ER  NER  ER  LER  ER  ER  LER  ER  LER  ER  LER  L	1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 127 0 1287 1840 1840 1840 1840 1840 1840 1840 1840	22 161 0 265 0 30 225 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56 -280 -924	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 26.7  Min (MW)  -51  157  -43  -5  13  0  0  14  -819	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07  -5.33 -0.15  0.65 -1.02 -0.24 -3.68 -21.57
11	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  (With SR) 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	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 127 0 1287 1840 1840 1840 1840 1840 1840 1840 1840	22 161 0 265 0 30 225 29 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 2.6 26.7  Min (MW)  -51 157 -43 -5 13 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MU) 1.46  6.07  -5.33 -0.15  0.65 -1.02 -0.24 -3.68
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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AMBEWADI  IN Region  ER  ER  ER  NER  ER  LER  ER  ER  LER  ER  LER  ER  LER  L	1	168 399 959 549 0 0 0 82 66 0 0 0 0 887 0 1267 0 0 2 0 1267 0 0 1267 0 127 0 1287 1840 1840 1840 1840 1840 1840 1840 1840	22 161 0 265 0 30 225 0 0 WR-NR  506 4013 1514 2114 0 0 0 132 WR-SR  Max (MW)  163 288 -269 -17 37 -75 -56 -280 -924	2.1 4.9 21.7 3.9 0.0 0.0 0.0 1.2 0.9 0.0 0.0 0.0 58.5  0.0 0.0 0.0 24.1 0.0 0.0 26.7  Min (MW)  -51  157  -43  -5  13  0  0  14  -819	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.9 21.7 3.9 0.0 0.0 -2.3 1.2 0.9 0.0 0.0 -135.5  -12.0 -71.7 -3.3 -33.7 -24.1 0.0 0.0 2.6 -93.8  (+ve)/Export(-ve) Energy Exchange (MII) 1.46  6.07  -5.33 -0.15  0.65 -1.02 -0.24 -3.68 -21.57