

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

То,

दिनांक: 10th May 2023

- 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 09.05.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09th May 2023, is available at the NLDC website.

धन्यवाद.

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



Report for previous day

A. Power Supply Position at All India and Regional level

Date of Reporting: 10-May-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at	57155	60250	45070	26122	3058	101/55
20:00 hrs; from RLDCs)	5/155	00250	45070	20122	3058	191655
Peak Shortage (MW)	1205	0	258	838	47	2348
Energy Met (MU)	1275	1423	1030	591	57	4376
Hydro Gen (MU)	182	47	67	63	11	369
Wind Gen (MU)	18	60	37	-	-	114
Solar Gen (MU)*	144.91	66.89	119.00	5.38	1.26	337
Energy Shortage (MU)	7.05	0.00	0.00	6.10	1.47	14.62
Maximum Demand Met During the Day (MW)	57874	64677	48390	27163	3197	196276
(From NLDC SCADA)	5/8/4	040//	40390	2/103	3197	1902/0
Time Of Maximum Demand Met	22:39	15:36	12:43	23:25	18:56	15:20

B. Frequency Profile ((%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.035	0.00	0.35	5.62	5.97	76.26	17.76

C. Power Supply Position in States

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day (MW)	maximum Demand (MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortage (MU
	Punjab	8392	0	166.7	68.1	-0.7	74	0.00
	Haryana	8061	0	169.1	113.4	-1.3	203	0.00
	Rajasthan	14344	0	289.3	85.3	-1.6	304	0.50
	Delhi	4518	0	93.9	93.8	-2.5	115	0.00
NR	UP	20990	1010	419.5	166.5	0.2	539	5.35
	Uttarakhand	1959	0	42.4	27.5	0.8	209	0.49
	HP	1564	0	29.8	12.4	1.2	160	0.07
	J&K(UT) & Ladakh(UT)	2790	150	56.4	38.7	1.5	367	0.64
	Chandigarh	225	0	4.6	4.5	0.1	19	0.00
	Railways_NR ISTS	174	0	3.8	3.2	0.6	47	0.00
	Chhattisgarh	4723	0	108.2	45.2	-1.5	152	0.00
	Gujarat	20321	0	440.5	196.7	-0.1	751	0.00
	MP	10987	0	240.7	121.9	-2.7	306	0.00
WR	Maharashtra	25524	0	559.4	204.6	1.1	939	0.00
	Goa	734	0	15.6	15.2	0.1	52	0.00
	DNHDDPDCL	1258	0	29.1	29.4	-0.3	51	0.00
	AMNSIL	757	0	17.0	10.4	-0.4	189	0.00
	BALCO	519	0	12.4	12.3	0.1	58	0.00
	Andhra Pradesh	9754	0	209.0	59.1	2.9	876	2.74
	Telangana	8784	0	181.3	47.0	-0.2	511	0.00
\mathbf{SR}	Karnataka	11679	0	216.9	83.4	-4.2	459	0.00
	Kerala	4372	0	92.5	65.2	-0.7	124	0.00
	Tamil Nadu	15176	0	320.1	180.3	-2.4	555	0.00
	Puducherry	447	0	9.8	9.3	-0.2	38	0.00
	Bihar	6421	408	128.4	117.1	-0.1	379	2.57
	DVC	3554	0	77.6	-51.2	-0.3	338	0.00
	Jharkhand	1642	0	34.5	27.8	-1.9	167	3.53
$\mathbf{E}\mathbf{R}$	Odisha	6131	0	123.8	42.7	-1.3	423	0.00
	West Bengal	10834	0	225.3	89.5	-2.7	260	0.00
	Sikkim	100	0	1.5	1.3	0.3	58	0.00
	Railways_ER ISTS	8	0	0.1	0.2	-0.1	0	0.00
<u> </u>	Arunachal Pradesh	149	0	2.4	2.3	0.0	51	0.00
	Assam	1983	0	36.4	29.6	0.7	141	0.06
	Manipur	181	0	2.5	2.3	0.2	31	0.00
NER	Meghalaya	328	71	4.8	3.6	-0.2	65	1.41
	Mizoram	115	0	2.0	1.8	-0.1	19	0.00
	Nagaland	151	0	2.5	2.5	-0.1	16	0.00
	Tripura	346	0	6.6	6.1	0.9	77	0.00

 $\underline{\textbf{D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)}}\\$

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	4.4	-13.4	-25.6	-16.3
Day Peak (MW)	400.0	-659.5	-1109.0	-762.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	208.6	-228.3	85.8	-72.1	6.0	0.0
Actual(MU)	206.4	-226.9	86.5	-76.5	7.6	-3.0
O/D/U/D(MU)	-2.2	1.4	0.8	-4.5	1.6	-3.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	6027	8204	6458	1590	460	22739	52
State Sector	6005	9632	3591	1530	262	21020	48
Total	12032	17836	10049	3120	722	43758	100

G. Sourcewise generation (Gross) (MU)

G. Bour cewise generation (Gross) (MC)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	736	1520	656	689	15	3617	76
Lignite	18	21	49	0	0	87	2
Hydro	182	47	67	63	11	369	8
Nuclear	28	36	52	0	0	116	2
Gas, Naptha & Diesel	10	26	7	0	30	72	2
RES (Wind, Solar, Biomass & Others)	177	128	184	5	1	495	10
Total	1150	1777	1014	757	57	4756	100
Share of RES in total generation (%)	15.36	7.18	18.12	0.72	2.20	10.40]
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	33.59	11.86	29.84	8.99	21.25	20.61	

H. All	India	Demand	Diversity	Factor
*** * ***	*******	Demina	Diversity	I actor

in total generation(%)

11. All filula Demand Diversity Factor	
Based on Regional Max Demands	1.025
Based on State Max Demands	1.069

I. All India Peak Demand and shortage at Solar and N	on-Solar Hour
1. All filula I cak Demand and shortage at Bolar and I	on-Solai Houl

	8		
	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	196276	15:20	211
Non-Solar hr	194003	22:28	2559

 $\label{eq:Diversity factor} Diversity\ factor = Sum\ of\ regional\ or\ state\ maximum\ demands\ /\ All\ India\ maximum\ demand **Note:\ All\ generation\ MU\ figures\ are\ gross$

^{***}Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)
Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours
*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 10-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		<u> </u>	<u> </u>			ļ	
1 HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2 HVDC	PUSAULI B/B		0	97	0.0	2.5	-2.5
3 765 kV	GAYA-VARANASI	2	233	578	0.0	4.0	-4.0
4 765 kV	SASARAM-FATEHPUR	1	63	341	0.0	3.5	-3.5
5 765 kV 6 400 kV	GAYA-BALIA PUSAULI-VARANASI	1	0	644 128	0.0	11.6 2.3	-11.6 -2.3
7 400 kV	PUSAULI -ALLAHABAD	1	21	54	0.0	0.2	-0.2
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	111	528	0.0	4.9	-4.9
9 400 kV	PATNA-BALIA	2	0	425	0.0	5.9	-5.9
10 400 kV	NAUBATPUR-BALIA	2	0	436	0.0	5.6	-5.6
11 400 kV	BIHARSHARIFF-BALIA	2	227	207	0.2	0.0	0.2
12 400 kV	MOTIHARI-GORAKHPUR	2	0	429	0.0	5.4	-5.4
13 400 kV	BIHARSHARIFF-VARANASI	2	167	225	0.0	0.8	-0.8
14 220 kV 15 132 kV	SAHUPURI-KARAMNASA NAGAR UNTARI-RIHAND	1	0	181 0	0.0	3.1	-3.1
15 132 kV 16 132 kV	GARWAH-RIHAND	1	25	0	0.0	0.0	0.1 0.0
17 132 kV	KARMANASA-SAHUPURI	i	0	15	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
	•	•	•	ER-NR	0.3	49.8	-49.5
Import/Export of ER	(With WR)						
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	856	153	7.2	0.0	7.2
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	1368	0	23.1	0.0	23.1
3 765 kV	JHARSUGUDA-DURG	2	0	425	0.0	7.0	-7.0
4 400 kV	JHARSUGUDA-RAIGARH	4	0	501	0.0	5.3	-5.3
5 400 kV	RANCHI-SIPAT	2	270	13	3.7	0.0 1.0	3.7
6 220 kV 7 220 kV	BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	1 2	0 104	44 0	0.0 1.5	0.0	-1.0 1.5
7 220 KV	BUDHIFADAR-KUKBA		104	ER-WR	35.5	13.2	22.2
Import/Export of ER	With CD)			EK-WK	35.5	13.2	22,2
		1 1	Δ.	540	0.0	12.6	12.6
1 HVDC 2 HVDC	JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	2 2	0	549 1641	0.0	12.6 36.9	-12.6 -36.9
3 765 kV	ANGUL-SRIKAKULAM	2	0	2827	0.0	49.5	-49.5
4 400 kV	TALCHER-I/C	2	655	0	7.3	0.0	7.3
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
				ER-SR	0.0	98.9	-98.9
Import/Export of ER							
1 400 kV	BINAGURI-BONGAIGAON	2	119	98	0.8	0.5	0.3
2 400 kV	ALIPURDUAR-BONGAIGAON	2	375	233	2.5	0.0	2.5
3 220 kV	ALIPURDUAR-SALAKATI	2	78	25	0.7	0.0	0.7
				ER-NER	4.0	0.5	3.5
Import/Export of NEI							
1 HVDC	BISWANATH CHARIALI-AGRA	2	482	0	10.4	0.0	10.4
				NER-NR	10.4	0.0	10.4
Import/Export of WR							
1 HVDC	CHAMPA-KURUKSHETRA	2	0	2016	0.0	48.1	-48.1
2 HVDC	VINDHYACHAL B/B		244	153	5.1	0.5	4.6
3 HVDC	MUNDRA-MOHINDERGARH	2	0	300	0.0	7.4	-7.4
4 765 kV	GWALIOR-AGRA	2	0	2087	0.0	37.5	-37.5
5 765 kV 6 765 kV	GWALIOR-PHAGI JABALPUR-ORAI	2 2	0	1411 943	0.0	20.4 32.4	-20.4 -32.4
7 765 kV	GWALIOR-ORAI	1	698	0	12.4	0.0	-32.4 12.4
8 765 kV	SATNA-ORAI	1	0	1021	0.0	21.5	-21.5
9 765 kV	BANASKANTHA-CHITORGARH	2	1438	295	13.7	0.7	13.0
10 765 kV	VINDHYACHAL-VARANASI	2	0	2956	0.0	56.3	-56.3
11 400 kV	ZERDA-KANKROLI	1	250	56	2.6	0.1	2.6
12 400 kV	ZERDA -BHINMAL	1	478	211	4.0	0.8	3.2
13 400 kV	VINDHYACHAL -RIHAND	1	958	0	21.5	0.0	21.5
14 400 kV	RAPP-SHUJALPUR	2	233	446	1.2	4.3	-3.0
			0	0			
15 220 kV	BHANPURA-RANPUR	1	0	0	0.0	0.0	0.0
16 220 kV	BHANPURA-MORAK	1 1	0	30	0.0	2.4	-2.4
16 220 kV 17 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1	0 51	30 4	0.0 0.4	2.4 0.0	-2.4 0.4
16 220 kV 17 220 kV 18 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1 1 1	0	30	0.0	2.4	-2.4 0.4 0.2
16 220 kV 17 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1 1 1 2	0 51 35	30 4 14	0.0 0.4 0.2	2.4 0.0 0.0	-2.4 0.4
16 220 kV 17 220 kV 18 220 kV 19 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1 1 1 1 2	0 51 35 0	30 4 14 0	0.0 0.4 0.2 0.0	2.4 0.0 0.0 0.0	-2.4 0.4 0.2 0.0
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1 1 2	0 51 35 0	30 4 14 0	0.0 0.4 0.2 0.0 0.0	2.4 0.0 0.0 0.0 0.0	-2.4 0.4 0.2 0.0
16 220 kV 17 220 kV 18 220 kV 19 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1 1 2	0 51 35 0	30 4 14 0	0.0 0.4 0.2 0.0 0.0	2.4 0.0 0.0 0.0 0.0	-2.4 0.4 0.2 0.0
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1 1 1 1 2	0 51 35 0 0	30 4 14 0 0 WR-NR	0.0 0.4 0.2 0.0 0.0 61.2	2.4 0.0 0.0 0.0 0.0 2.0 2.32.2	-2.4 0.4 0.2 0.0 0.0 -171.0
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2	0 51 35 0 0 0	30 4 14 0 0 WR-NR 305 2505 1274	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0	2.4 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7	-2.4 0.4 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2 2 2	0 51 35 0 0 0	30 4 14 0 0 WR-NR 305 2505 1274 1947	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0	2.4 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7	-2.4 0.4 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2 2 2 2	0 51 35 0 0 0 300 0 1334 0 1401	30 4 14 0 0 WR-NR 305 2505 1274 1947 0	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5	2.4 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0	-2.4 0.4 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5
16	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	2 2 2 2	0 51 35 0 0 0 300 0 1334 0 1401	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0	2.4 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0	-2.4 0.4 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0
16	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	2 2 2 2 2 2	0 51 35 0 0 0 300 0 1334 0 1401 0	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0	2.4 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0
16	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	2 2 2 2 2 2	0 51 35 0 0 0 300 0 1334 0 1401	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0	2.4 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2
16	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	2 2 2 2 2 2 2 2 1 1	0 51 35 0 0 0 300 0 1334 0 1401 0 0	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0	2.4 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5
16	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	2 2 2 2 2 2	0 51 35 0 0 0 300 0 1334 0 1401 0 0	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0	2.4 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve)
16	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	2 2 2 2 2 2 2 1 1 1	0 51 35 0 0 0 300 0 1334 0 1401 0 0	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0	2.4 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	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	2 2 2 2 2 2 2 1 1 1	0 51 35 0 0 0 300 0 1334 0 1401 0 0	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 WR-SR	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve)
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	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		0 51 35 0 0 0 1334 0 1401 0 0 0 CHANGES	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 0 WR-SR	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW)	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU)
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	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	2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU-ALIPURDUAR RECEIPT HEP 4*1800MW)	0 51 35 0 0 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e.	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 WR-SR	0.0 0.4 0.2 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region		0 51 35 0 0 0 1334 0 11401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. F (from MANGDECHU	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW)	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	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	- 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	0 51 35 0 0 1334 0 1401 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU	30 4 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 0 WR-SR	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW)	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU)
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	- 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	0 51 35 0 0 1334 0 1401 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. T (from MANGDECHU	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW)	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H RECEIPT (from TALA H) RECEIPT (from TALA H)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW)	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 8 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	- 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) MALBASE - BINAGURI RECEIPT (from TALA H	0 51 35 0 0 1334 0 1334 0 1401 0 0 1401 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6=170MW) RA 1 82 (& 220kV 1.e. BIRPARA RECEIPT	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW)	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H RECEIPT (from TALA H) RECEIPT (from TALA H)	0 51 35 0 0 1334 0 1334 0 1401 0 0 1401 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6=170MW) RA 1 82 (& 220kV 1.e. BIRPARA RECEIPT	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW)	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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 ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34	2.4 0.0 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) MALBASE - BINAGURI RECEIPT (from TALA H	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW)	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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 ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34	2.4 0.0 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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 ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217	0.0 0.4 0.2 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34	2.4 0.0 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - BIRBARA) i (from CHUKHA-BIRPA MALBASE - BIRBARA) i	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TEREBUR TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TE	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) (from CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA-BIRPA 132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) KATI GIA	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) (from CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA-BIRPA 132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 RZ (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34	2.4 0.0 0.0 0.0 0.0 0.0 2.32.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TEREBUR TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TE	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) (from CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA-BIRPA 132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) KATI GIA	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82	-2.4 0.4 0.2 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GIA GAR-TANAKPUR(NHPC)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65
16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TEREBUR TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TINING TEREBUR TE	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) (from CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA-BIRPA 132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GIA GAR-TANAKPUR(NHPC)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82	-2.4 0.4 0.2 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GIA GAR-TANAKPUR(NHPC)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (132kV GELEPHU-SALA)	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6+170MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6	-2.4 0.4 0.2 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	Z Z Z Z Z Z Z Z Z Z Z Z Z I I I I I TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA-BIRPA I32kV GELEPHU-SALA) I32kV MOTANGA-RANG I32kV MOTANGA-RANG	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6+170MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR)	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z I I I I I	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	Z Z Z Z Z Z Z Z Z Z Z Z Z I I I I I TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRPARA) i (from CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA-BIRPA I32kV GELEPHU-SALA) I32kV MOTANGA-RANG I32kV MOTANGA-RANG	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2	30 4 14 0 14 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67	-2.4 0.4 0.2 0.2 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER ER ER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z I I I I I	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47
16	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 ER ER ER ER ER ER ER ER ER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER ER ER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z I I I I I	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156	0.0 0.4 0.2 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47
16	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 ER ER ER ER ER ER ER ER ER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 6*170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TER ER ER ER ER ER ER ER ER ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - BIRAGAI MALBASE	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 64170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431 -931	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257 -827	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390 -906	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75 -16.27
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER ER ER	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 64170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TER ER ER ER ER ER ER ER ER ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - BIRAGAI MALBASE	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 64170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431 -931	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257 -827	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390 -906	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75 -16.27
16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI TER ER ER ER ER ER ER ER ER ER	TERNATIONAL EXC 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP1 HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - BIRAGAI MALBASE	0 51 35 0 0 0 1334 0 1334 0 1401 0 0 0 1401 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV t) i.e. BINAGURI EP 64170MW) KATI GIA SAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	30 4 14 0 14 0 0 WR-NR 305 2505 1274 1947 0 0 0 127 WR-SR Max (MW) 240 217 -127 -14 35 -73 -156 -431 -931	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 61.2 1.7 0.0 11.0 0.0 24.5 0.0 0.0 2.2 39.5 Min (MW) -34 145 -7 0 16 0 -44 -257 -827	2.4 0.0 0.0 0.0 0.0 0.0 0.0 232.2 5.5 40.1 5.7 21.7 0.0 0.0 0.0 0.0 73.0 Import(Avg (MW) 62 181 -82 -6 27 -67 -103 -390 -906	-2.4 0.4 0.2 0.0 0.0 0.0 -171.0 -3.8 -40.1 5.4 -21.7 24.5 0.0 0.0 0.0 2.2 -33.5 +ve)/Export(-ve) Energy Exchange (MU) 1.48 4.34 -1.97 -0.14 0.65 -1.60 -2.47 -9.36 -21.75 -16.27