

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंटोलर ऑफ इंडिया लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 12th January 2023

Τo,

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता 700033 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- कार्यकारी निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016
 Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi 110016
- 3. कार्यकारी निदेशक, प .क्षे .भा .प्रे .के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई –400093 Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग 793006 Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु –560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11- जनवरी -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 11th January 2023, is available at the NLDC website.

धन्यवाद.

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



Report for pre	vious day Iv Position at All India and Regional level				Date	e of Reporting:	12-Jan	n-2023
A. Tower Supp	Ty Tostdon at An Huna and Regional level	NR	WR	SR	ER	NER	TOTAL	
Demand Met du	ring Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	55718	59237	43563	20490	2658	181666	
Peak Shortage (MW)	1737	25	0	735	62	2559	
Energy Met (M)	U)	1236	1426	1055	430	46	4193	
Hydro Gen (MU	J)	113	45	101	34	11	304	
Wind Gen (MU)	1	20	60	31		-	110	
Solar Gen (MU)		103.88	55.58	131.70	3.67	0.49	295	
Energy Shortage	e (MU)	29.62	1.04	0.00	4.70	1.65	37.01	
Maximum Dema	and Met During the Day (MW) (From NLDC SCADA)	63098	69581	55811	21698	2749	206839	
Time Of Maxim	um Demand Met (From NLDC SCADA)	12:45	10:21	10:20	18:15	17:18	10:19	
B. Frequency I	Profile (%)							
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05	
All India	0.086	0.94	3.33	7.59	11.86	64.07	24.07	
C. Power Supp	ly 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	8456	0	158.0	44.2	-0.1	123	3.61
	Haryana	8204	0	152.4	86.2	-0.4	204	4.80

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortage
		day(MW)	Demand(MW)		(MU)	` ′		(MU)
	Punjab	8456	0	158.0	44.2	-0.1	123	3.61
	Haryana	8204	0	152.4	86.2	-0.4	204	4.80
	Rajasthan	16380	0	309.8	106.1	0.7	216	12.26
	Delhi	5376	0	89.0	75.2	-1.2	310	0.00
NR	UP	20033	0	378.6	118.1	0.8	355	4.26
	Uttarakhand	2294	110	42.7	30.5	0.6	176	4.65
	HP	2046	0	36.9	30.2	0.4	211	0.04
	J&K(UT) & Ladakh(UT)	2918	0	63.3	60.7	-1.5	252	0.00
	Chandigarh	317	0	5.4	4.9	0.5	92	0.00
	Chhattisgarh	4743	50	102.7	52.7	-0.8	593	0.91
	Gujarat	18192	0	386.1	187.8	-7.6	419	0.00
	MP	17236	0	326.1	192.1	-3.5	280	0.00
WR	Maharashtra	26888	0	544.1	171.0	-0.4	602	0.00
	Goa	586	25	12.8	11.7	0.5	56	0.13
	DNHDDPDCL	1230	0	28.2	28.3	-0.1	69	0.00
	AMNSIL	620	0	13.8	9.0	-0.3	217	0.00
	BALCO	520	0	12.4	12.4	0.0	9	0.00
	Andhra Pradesh	10889	0	196.3	85.3	-0.4	620	0.00
	Telangana	13045	0	227.2	91.0	0.2	622	0.00
SR	Karnataka	13448	0	236.4	70.1	2.0	717	0.00
	Kerala	3870	0	75.6	57.9	-0.1	186	0.00
	Tamil Nadu	15407	0	311.1	182.9	-1.5	593	0.00
	Puducherry	399	0	8.5	8.9	-0.7	27	0.00
	Bihar	5589	511	101.5	89.6	-0.2	216	1.20
	DVC	3544	0	75.4	-46.0	0.8	284	0.00
	Jharkhand	1614	162	30.1	22.2	-1.2	69	3.50
ER	Odisha	4587	0	89.0	29.9	-4.6	220	0.00
	West Bengal	6954	0	131.5	0.4	-2.3	184	0.00
	Sikkim	129	0	2.0	2.0	0.0	36	0.00
	Arunachal Pradesh	164	0	2.7	2.7	-0.1	37	0.00
	Assam	1538	0	25.2	18.9	0.0	160	1.27
	Manipur	214	7	3.1	2.9	0.2	59	0.23
NER	Meghalaya	398	0	7.2	5.2	0.0	39	0.15
	Mizoram	137	0	2.1	1.4	-0.1	31	0.00
	Nagaland	140	0	1.9	1.5	0.3	65	0.00
	Tripura	226	0	4.0	1.5	0.5	83	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	-1.3	-7.4	-22.5
Day Peak (MW)	-184.7	-411.6	-1048.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.3	-169.6	134.7	-160.9	3.5	0.0
Actual(MU)	194.9	-174.5	132.9	-166.1	5.3	-7.5
O/D/U/D(MU)	2.6	-5.0	-1.8	-5.2	1.8	-7.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	6630	11981	9048	2870	634	31163	52
State Sector	7460	11801	6848	2488	98	28694	48
Total	14090	23781	15896	5358	732	59856	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	799	1490	574	634	16	3514	77
Lignite	31	12	52	0	0	95	2
Hydro	113	45	101	34	11	304	7
Nuclear	26	37	71	0	0	134	3
Gas, Naptha & Diesel	21	14	5	0	20	60	1
RES (Wind, Solar, Biomass & Others)	150	117	187	4	0	458	10
Total	1140	1716	990	672	47	4565	100
Share of RES in total generation (%)	13.13	6.84	18.86	0.54	1.04	10.03]
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	25.34	11.61	36.25	5.66	23.77	19.63	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.029
Based on State Max Demands	1.056

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

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

**Note: All generation MU figures are gross

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 12-Jan-2023

Sl No Voltage Level						Date of Reporting:	12-Jan-2023
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
		No. of Circuit	max import (MW)	.wax export (MW)	import (MU)	Export (MU)	NEI (MU)
Import/Export of ER						0.	4.
1 HVDC 2 HVDC	ALIPURDUAR-AGRA PUSAULI B/B	 2	0	0 296	0.0	0.0 5.2	0.0 -5.2
3 765 kV	GAYA-VARANASI	2	0	851	0.0	12.9	-5.2 -12.9
4 765 kV	SASARAM-FATEHPUR	ī	0	444	0.0	7.8	-7.8
5 765 kV	GAYA-BALIA	1	0	768	0.0	13.7	-13.7
6 400 kV 7 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	 	17	204 196	0.0	2.5 2.8	-2.5
7 400 kV 8 400 kV	MUZAFFARPUR-GORAKHPUR	1 2	4	675	0.0	9.4	-2.8 -9.4
9 400 kV	PATNA-BALIA	2	0	507	0.0	9.9	-9,9
10 400 kV	NAUBATPUR-BALIA	2	0	539	0.0	10.4	-10.4
11 400 kV	BIHARSHARIFF-BALIA	2	0	311	0.0	5.8 7.5	-5.8
12 400 kV 13 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0	459 361	0.0	4.5	-7.5 -4.5
14 220 kV	SAHUPURI-KARAMNASA	1 1	6	131	0.0	1.8	-4.5 -1.8
15 132 kV	NAGAR UNTARI-RIHAND	i	0	0	0.0	0.0	0.0
16 132 kV	GARWAH-RIHAND	1	25	0	0.4	0.0	0.4
17 132 kV	KARMANASA-SAHUPURI	1	4	34	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	1	0	0 ED ND	0.0	0.0	0.0
Import/Export of ER	(With WD)			ER-NR	0.4	94.4	-94.0
				004		0.0	
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	21	984	0.0	9.9	-9.9
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	442	969	0.0	6.0	-6.0
3 765 kV	JHARSUGUDA-DURG	2	0	766	0.0	9.6	-9.6
4 400 kV		4	0	820	0.0	13.1	-13.1
	JHARSUGUDA-RAIGARH						
5 400 kV	RANCHI-SIPAT	2	70	359	0.0	3.0	-3.0
6 220 kV	BUDHIPADAR-RAIGARH	1	1	127	0.0	3.2	-3.2
7 220 kV	BUDHIPADAR-KORBA	2	17	75	0.0	1.1	-1.1
/ 220 K T	DUDINI ADAR-RORDA		1/				
Import/Export of ER	(With SR)			ER-WR	0.0	45.8	-45.8
1 HVDC		2	0	642	0.0	14.8	1/10
	JEYPORE-GAZUWAKA B/B	- 4	12	643	0.0		-14.8
2 HVDC	TALCHER-KOLAR BIPOLE	2		2272	0.0	0.0 54.3	54.3
3 765 kV	ANGUL-SRIKAKULAM	2	1420	3373	0.0	54.3 0.0	-54.3 22.5
4 400 kV	TALCHER-I/C	2	1430	0	32.5		32.5
5 220 kV	BALIMELA-UPPER-SILERRU	11	0	0 ED CD	0.0	0.0	0.0
T	(HUM. NICD)			ER-SR	0.0	69.1	-69.1
Import/Export of ER		-	10:	22	0.0	0.0	0.0
1 400 kV	BINAGURI-BONGAIGAON	2	104	33	0.8	0.0	0.8
2 400 kV	ALIPURDUAR-BONGAIGAON	2	383	0	4.3	0.0	4.3
3 220 kV	ALIPURDUAR-SALAKATI	2	34	5	0.4	0.0	0.4
				ER-NER	5.5	0.0	5.5
Import/Export of NE	R (With NR)						
1 HVDC	BISWANATH CHARIALI-AGRA	2	472	0	11.3	0.0	11.3
				NER-NR	11.3	0.0	11.3
Import/Export of WI	R (With NR)						
1 HVDC	CHAMPA-KURUKSHETRA	2	0	1993	0.0	32.3	-32.3
2 HVDC	VINDHYACHAL B/B		61	101	0.8	0.8	0.1
3 HVDC	MUNDRA-MOHINDERGARH	2	250	0	1.8	0.0	1.8
4 765 kV	GWALIOR-AGRA	2	0	2118	0.0	28.3	-28.3
5 765 kV	GWALIOR-PHAGI	2	0	1998	0.0	32.8	-32.8
6 765 kV	JABALPUR-ORAI	2	0	1164	0.0	32.6	-32.6
7 765 kV	GWALIOR-ORAI	1	997	0	16.7	0.0	16.7
8 765 kV	SATNA-ORAI	1	0	1084	0.0	19.6	-19.6
9 765 kV	BANASKANTHA-CHITORGARH	2	1512	305	17.9	0.4	17.6
10 765 kV	VINDHYACHAL-VARANASI	2.	0	2853	0.0	38.1	-38.1
11 400 kV	ZERDA-KANKROLI	1	225	62	2.5	0.0	2.5
12 400 kV	ZERDA -BHINMAL	1	506	217	2.9	0.0	2.9
13 400 kV	VINDHYACHAL -RIHAND	i	964	0	21.8	0.0	21.8
						3.9	-2.5
14 400 kV		+ ;					
14 400 kV	RAPP-SHUJALPUR	2	304	577	1.4		
15 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR	1 2 1	304 0	577 0	1.4 0.0	0.0	0.0
15 220 kV 16 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 2 1 1	304 0 0	577 0 30	1.4 0.0 0.0	0.0 1.8	0.0 -1.8
15 220 kV 16 220 kV 17 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1	304 0 0 120	577 0 30 0	1.4 0.0 0.0 0.0	0.0 1.8 0.0	0.0 -1.8 0.8
15 220 kV 16 220 kV 17 220 kV 18 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 2 1 1 1	304 0 0 120 89	577 0 30 0 13	1.4 0.0 0.0 0.0 0.8 1.4	0.0 1.8 0.0 0.0	0.0 -1.8 0.8 1.4
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1 1 1 1	304 0 0 120 89	577 0 30 0 13	1.4 0.0 0.0 0.8 1.4 0.0	0.0 1.8 0.0 0.0 0.0	0.0 -1.8 0.8 1.4 0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1 1	304 0 0 120 89	577 0 30 0 13 0	1.4 0.0 0.0 0.8 1.4 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0	0.0 -1.8 0.8 1.4 0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1 1	304 0 0 120 89	577 0 30 0 13	1.4 0.0 0.0 0.8 1.4 0.0	0.0 1.8 0.0 0.0 0.0	0.0 -1.8 0.8 1.4 0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI	RAPP-SHUJALPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1 1 1 1	304 0 0 120 89 0	577 0 30 0 13 0 WR-NR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1	0.0 1.8 0.0 0.0 0.0 0.0 190.5	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR 2 (With SR) BHADRAWATI B/B	1 1 1 1 1 1 2	304 0 0 120 89 0	577 0 30 0 13 0 WR-NR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1	0.0 1.8 0.0 0.0 0.0 0.0 190.5	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3
15	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR	1 1 1 1 1 1 2	304 0 0 120 89 0 0	577 0 30 0 13 0 WR-NR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1	0.0 1.8 0.0 0.0 0.0 0.0 190.5	0.0 -1.8 0.8 1.4 0.0 -122.3 -15.8 -55.4
15	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WARAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR C(With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	1 1 1 1 1 1 2	304 0 0 120 89 0 0	577 0 30 0 13 0 WR-NR 1009 4006 2173	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3 -15.8 -55.4 -10.9
15	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 1 1 1 1 2 2 2 2 2 2	304 0 0 120 120 89 0 0	577 0 30 0 13 0 WR-NR 1009 4006 2173 2965	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5	0.0 -1.8 -0.8 -1.4 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR R(With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	304 0 0 120 89 0 0 0 0 675 0 1215	577 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WANAW MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR RAJGHAT-LALITPUR RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 2 2 2 2 2 2	304 0 0 120 89 0 0 0 0 675 0 1215	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 0.0 1.3 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3 -15.8 -55.4 -10.9 -36.5 19.9 0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	304 0 0 120 89 0 0 0 0 675 0 1215	577 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0	1.4 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WANAW MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR RAJGHAT-LALITPUR RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	304 0 0 120 89 0 0 0 0 675 0 1215	577 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72	1.4 0.0 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3 -15.8 -55.4 -10.9 -36.5 19.9 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	304 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0	1.4 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0	0.0 -1.8 0.8 1.4 0.0 0.0 -122.3 -15.8 -55.4 -10.9 -36.5 19.9 0.0 0.0 0.0 -27.8
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	304 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72	1.4 0.0 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -0.9 -97.8 +ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	304 0 120 89 0 0 0 0 675 0 1215 0 0 1 CHANGES	577 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0	1.4 0.0 0.9 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 0.0 120.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -0.0 -0.0 -0.9 -97.8 -ve)/Export(-ve) Energy Exchange
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	304 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72	1.4 0.0 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.9 -97.8 +vej/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	304 0 0 120 120 89 0 0 0 0 0 0 675 0 1215 0 1215 Name	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 0.0 120.0	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -9.9 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	1	304 0 0 120 89 0 0 0 0 121 0 0 0 0 121 121 1215 0 1 1215 0 1 1 1 CHANGES Name	577 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0	1.4 0.0 0.9 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -0.0 -0.0 -0.9 -97.8 -ve)/Export(-ve) Energy Exchange
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	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-EUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	1	304 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1215 0 0 1215 0 0 1 1 1 CHANGES Name PURDUAR 1383 Is. m MANGBECHU HEP	577 0 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.9 22.2	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	304 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1215 0 0 1215 0 0 1 1 1 CHANGES Name PURDUAR 1383 Is. m MANGBECHU HEP	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -9.9 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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-EUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	304 0 0 120 89 0 0 0 0 121 0 0 0 675 0 1215 0 1215 0 1 1 1 CHANGES Name PURDIAR 1,283 Le. BMANGDECHU HEP 4 (& 400M MALBASE.	577 0 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.9 22.2	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WI 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV	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-EUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	1	304 0 0 120 89 0 0 0 0 121 0 0 0 675 0 1215 0 1215 0 1 1 1 CHANGES Name PURDIAR 1,283 Le. BMANGDECHU HEP 4 (& 400M MALBASE.	577 0 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR	1.4 0.0 0.0 0.8 1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.0 0.9 22.2	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR C(With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI SELDEM-AMBEWADI IN Region ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	304 0 0 120 89 0 0 0 0 121 0 0 0 675 0 1215 0 1215 0 1 1 1 CHANGES Name PURDIAR 1,283 Le. BMANGDECHU HEP 4 (& 400M MALBASE.	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.0 -1.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -0.0 -0.9 -97.8 +ve)/Export(-ve) Energy Exchange MID -1.59
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 IN Region ER ER	1	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 121 120 10 0 0 10 121 121	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.9 22.2 Min (MW)	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import Avg (MW) 83	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -0.9 -97.8 +ve)/Export(-ve) Energy Exchange (MII) -1.59 -2.00
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR C(With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI SELDEM-AMBEWADI IN Region ER	1	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 121 120 10 0 0 10 121 121	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.0 -1.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -0.0 -0.9 -97.8 +ve)/Export(-ve) Energy Exchange MID -1.59
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WORAK MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGU RER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC 2 1 1 TERNATIONAL EXC BOOKY MANGDECHHU-ALI ALIPURDUAR RECEBT (IN BOOKY MANGDECHHU-ALI BINAGURI 12, BINAGURI 12, BINAGURI 14, BIRPARA RE 152KV GELEPHU-SALAKAI	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 121 120 10 0 0 10 121 121	577 0 30 0 13 0 WR-NR 100 WR-NR 1000 100 100 100 100 100 100 100 100	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW) 83	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 IN Region ER ER	1	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 121 120 10 0 0 10 121 121	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.9 22.2 Min (MW)	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import Avg (MW) 83	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -122.3 -15.8 -55.4 -10.9 -36.5 -19.9 -0.0 -0.0 -0.9 -97.8 +ve)/Export(-ve) Energy Exchange (MII) -1.59 -2.00
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WORAK MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGU RER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC 2 1 1 TERNATIONAL EXC BOOKY MANGDECHHU-ALI ALIPURDUAR RECEBT (IN BOOKY MANGDECHHU-ALI BINAGURI 12, BINAGURI 12, BINAGURI 14, BIRPARA RE 152KV GELEPHU-SALAKAI	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 121 120 10 0 0 10 121 121	577 0 30 0 13 0 WR-NR 100 WR-NR 1000 100 100 100 100 100 100 100 100	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW) 83	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WORAK MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUNGU RER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC 2 1 1 TERNATIONAL EXC BOOKY MANGDECHHU-ALI ALIPURDUAR RECEBT (IN BOOKY MANGDECHHU-ALI BINAGURI 12, BINAGURI 12, BINAGURI 14, BIRPARA RE 152KV GELEPHU-SALAKAI	304 0 0 120 89 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 30 0 13 0 WR-NR 100 WR-NR 1000 100 100 100 100 100 100 100 100	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW) 83	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -ve)/Export(-ve)
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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-HIKODI PONDA-AMBEWADI IN Region ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	304 0 0 120 89 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW) 0 180	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -1.8 -0.8 -1.4 -0.0 -0.0 -0.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -36.5 -19.9 -0.0 -0.9 -97.8 -+ve)/Export(-ve) Energy Exchange (MII) -1.59 -2.00 -1.45 -0.31
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI YELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 IIIIIIIIIIIIIII	304 0 0 120 120 89 0 0 0 0 121 120 89 0 0 0 0 152 0 152 152 152 152 152 152 153 154 155 154 155 155 155 155 155 155 155	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW)	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.3 0.0 0.0 1.3 0.0 0.0 1.3 0.0 1.0 1.0 0.0 0.1 1.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import Avg (MW) 83	0.0 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.2.3 -1.5.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -97.8 +ve)/Export(-ve) Energy Exchange MID -1.45 -0.31 -0.07 -1.46
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV State	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-HIKODI PONDA-AMBEWADI IN Region ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	304 0 0 120 120 89 0 0 0 0 121 120 89 0 0 0 0 152 0 152 152 152 152 152 152 153 154 155 154 155 155 155 155 155 155 155	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW) 0 180	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -1.8 -0.8 -1.4 -0.0 -0.0 -0.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -36.5 -19.9 -36.5 -19.9 -0.0 -0.9 -97.8 -+ve)/Export(-ve) Energy Exchange (MII) -1.59 -2.00 -1.45 -0.31
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI YELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 800K MANGDECHHUALI ALIPURDIAR RECEBT (IN 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI 11 11 12 12 13 14 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	304 0 0 120 89 0 0 120 89 0 0 0 0 1215 0 0 1215 0 1215 0 0 1215 0 1215 0 14 CHANGES Name CHANGES Name MANGBCHU HEP 44. 400KW MALBASE EEEPT (from TALA HEP 182 (& 220KW MALBASE EEEPT (from CHUKHA HEP 17	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW)	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.3 0.0 0.0 1.3 0.0 0.0 1.3 0.0 1.0 1.0 0.0 0.1 1.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import Avg (MW) 83	0.0 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.2.3 -1.5.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -97.8 +ve)/Export(-ve) Energy Exchange MID -1.45 -0.31 -0.07 -1.46
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI YELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 IIIIIIIIIIIIIII	304 0 0 120 89 0 0 120 89 0 0 0 0 1215 0 0 1215 0 1215 0 0 1215 0 1215 0 14 CHANGES Name CHANGES Name MANGBCHU HEP 44. 400KW MALBASE EEEPT (from TALA HEP 182 (& 220KW MALBASE EEEPT (from CHUKHA HEP 17	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW)	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.3 0.0 0.0 0.0 1.3 0.0 0.0 1.3 0.0 1.3 0.0 1.3 0.1 1.3 0.1 1.3 0.0 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 Import Avg (MW) 83	0.0 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.2.3 -1.5.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -97.8 +ve)/Export(-ve) Energy Exchange MID -1.45 -0.31 -0.07 -1.46
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR RUIGH SR) BHADRAWATI B/B RAJGARP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER BR BR BR BR BR BR BR	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 800K MANGDECHHUALI ALIPURDIAR RECEBT (IN 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI 11 11 12 12 13 14 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	304 0 0 120 89 0 0 120 89 0 0 0 0 1215 0 0 1215 0 1215 0 0 1215 0 1215 0 14 CHANGES Name CHANGES Name MANGBCHU HEP 44. 400KW MALBASE EEEPT (from TALA HEP 182 (& 220KW MALBASE EEEPT (from CHUKHA HEP 17	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR Max (MW) 0 180 -19 18	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 120.0 Import Avg (MW)	0.0 1.18 0.8 1.4 0.0 0.0 0.0 1.122.3 -15.8 -55.4 -10.9 -36.5 19.9 0.0 0.0 0.9 -97.8 -ve)/Export(-ve) Energy Exchange MID -1.45 -0.31 -0.07 -1.46 -0.26
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 IN Region ER ER ER ER ER ER ER	TI II II II II II II II II II	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW) 0 180 -19 18	1.4 0.0 0.0 0.8 1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.9 22.2 Min (MW)	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -97.8 -4ve)/Export(ve) Energy Exchange MID -1.59 -1.45 -0.31 -0.07 -1.46 -0.26
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR RUIGH SR) BHADRAWATI B/B RAJGARP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER BR BR BR BR BR BR BR	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 800K MANGDECHHUALI ALIPURDIAR RECEBT (IN 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI BINAGUER IS 600KY MANGDECHHUALI 11 11 12 12 13 14 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	304 0 0 120 89 0 0 0 120 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	577 0 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 72 WR-SR Max (MW) 0 180 -19 18	1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 120.0 Import Avg (MW)	0.0 1.18 0.8 1.4 0.0 0.0 0.0 1.122.3 -15.8 -55.4 -10.9 -36.5 19.9 0.0 0.0 0.9 -97.8 -ve)/Export(-ve) Energy Exchange MID -1.45 -0.31 -0.07 -1.46 -0.26
15	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI TIN Region ER ER ER NER NER NER NER ER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANODECHHU-ALI 400KV MANODECHHU-ALI BINAGURI 152kV MANODECHHU-BINAGURI 152kV MAHENDRANAGAR 152kV MAHENDRANAGAR NEPAL IMPORT (FROM BIN 400KV DHALKEBAR-MUZA BHERAMARA BB HVDC (B	304 0 0 120 89 0 0 0 1220 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1215 0 0 1215 0 0 1215 0 1 1 1 1 CHANGES Name PURPUR 1,263 Le. um MANGBECHU HEP 41 & 400LY MALEASE- EECEPT (from TALA HEP TANAKPUR(NHPC) HAR) FFARPUR 1&2 1 TANAKPUR(NHPC) HAR)	577 0 30 0 30 0 13 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW)	1.4 0.0 0.0 0.8 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 1.3 0.0 0.0 1.3 0.0 0.0 1.3 0.1 1.3 0.1 1.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 0.0 120.0 120.0 130.0 140.0 140.0 150.0 160.0 170.0 1	0.0 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.4 -1.0 -1.0 -1.0 -1.22.3 -1.5.8 -5.5.4 -10.9 -3.6.5 -10.9 -3.6.5 -10.9 -3.6.5 -1.9 -9.0 -0.9 -9.7 -1.9 -9.7 -1.45 -1.45 -0.31 -1.46 -0.26 -5.67
15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 132 kV 20 135 kV 4 765 kV 4 765 kV 6 220 kV 7 220 kV 8 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 IN Region ER ER ER ER ER ER ER	TI II II II II II II II II II	304 0 0 120 89 0 0 0 1220 89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1215 0 0 1215 0 0 1215 0 1 1 1 1 CHANGES Name PURPUR 1,263 Le. um MANGBECHU HEP 41 & 400LY MALEASE- EECEPT (from TALA HEP TANAKPUR(NHPC) HAR) FFARPUR 1&2 1 TANAKPUR(NHPC) HAR)	577 0 0 30 0 13 0 0 WR-NR 1009 4006 2173 2965 0 0 0 72 WR-SR Max (MW) 0 180 -19 18	1.4 0.0 0.0 0.8 1.4 0.0 0.0 0.8 1.4 0.0 0.0 68.1 0.0 0.0 1.3 0.0 19.9 0.0 0.9 22.2 Min (MW)	0.0 1.8 0.0 0.0 0.0 0.0 0.0 190.5 15.8 55.4 12.2 36.5 0.0 0.0 120.0 Import(Avg (MW)	0.0 -1.8 -0.8 -1.4 -0.0 -0.0 -0.0 -1.22.3 -15.8 -55.4 -10.9 -36.5 -19.9 -36.5 -19.9 -97.8 -97.8 -4ve)/Export(ve) Energy Exchange MID -1.59 -1.45 -0.31 -0.07 -1.46 -0.26