

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

दिनांक: 28th January 2023

To,

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

Sub: Daily PSP Report for the date 27.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27- 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 27th January 2023, is available at the NLDC website.

धन्यवाद.

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



Report for previous day		Date	of Reporting:	: 28-Jai	n-2023
A. Power Supply Position at All India and Regional level					
	 	 			1

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	52743	56671	43541	20623	2670	176248
Peak Shortage (MW)	0	0	0	242	0	242
Energy Met (MU)	1105	1343	1070	433	47	3998
Hydro Gen (MU)	110	30	72	27	8	247
Wind Gen (MU)	38	173	67			278
Solar Gen (MU)*	120.63	51.70	129.19	3.13	0.91	306
Energy Shortage (MU)	1.17	0.00	0.00	1.14	0.00	2.31
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	59041	66505	56239	21414	2750	202840
Time Of Maximum Demand Met (From NLDC SCADA)	10:29	10:14	11:51	18:24	17:44	10:13

B. Frequency P	rofile (%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.096	1.05	1.09	6.78	8.92	60.87	30.20
C Power Suppl	v 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	7834	0	143.3	42.6	-0.8	178	0.00
	Harvana	7423	0	139.0	66.7	-0.3	219	0.00
	Rajasthan	16810	49	300,5	72.0	-2.3	304	0.67
	Delhi	4646	0	75.5	67.3	-2.0	212	0.00
NR	UP	17473	0	306.6	86.6	0.0	654	0.22
	Uttarakhand	2240	0	40.6	31.6	0.3	212	0.08
	HP	1856	0	31.7	25,2	-0.3	99	0.20
	J&K(UT) & Ladakh(UT)	2940	0	63.7	61.5	-2.3	8	0.00
	Chandigarh	266	0	4.2	4.5	-0.4	28	0.00
	Chhattisgarh	5052	0	109.9	59.5	-0.8	340	0.00
	Guiarat	17738	0	365.7	169.1	-0.7	959	0.00
	MP	14787	0	272.5	162.4	-5.8	427	0.00
WR	Maharashtra	26678	0	527.6	172.5	0.5	629	0.00
	Goa	657	0	13.7	12.1	1.3	167	0.00
	DNHDDPDCL	1201	0	25.8	25.7	0.1	54	0.00
	AMNSIL	762	0	15.2	8.5	-0.1	276	0.00
	BALCO	520	0	12.4	12.4	0.0	12	0.00
	Andhra Pradesh	11229	0	204.1	74.9	-0.1	514	0.00
	Telangana	12917	0	234.1	96.6	-0.6	730	0.00
SR	Karnataka	14225	0	241.9	80.5	-2.7	406	0.00
	Kerala	3886	0	76.0	60.6	0.1	173	0.00
	Tamil Nadu	15494	0	305.9	173.9	-2.2	587	0.00
	Puducherry	383	0	8.2	8.3	-0.9	20	0.00
	Bihar	4972	0	87.6	81.5	-4.7	318	0.13
	DVC	3486	0	73.6	-41.7	-0.5	245	0.00
	Jharkhand	1651	182	29.3	23.0	-2.6	76	1.01
ER	Odisha	4829	0	105.0	42.6	-1.9	113	0.00
	West Bengal	7112	0	135.4	7.4	-2.8	277	0.00
	Sikkim	123	0	1.9	1.9	0.0	27	0.00
	Arunachal Pradesh	160	0	2.5	2.8	-0.5	31	0.00
	Assam	1535	0	26.3	20.3	-0.6	85	0.00
	Manipur	226	0	3.3	3.4	-0.1	28	0.00
NER	Meghalaya	380	0	6.9	6.6	-0.4	21	0.00
	Mizoram	133	0	2.1	1.7	-0.2	20	0.00
	Nagaland	137	0	2.2	2.1	-0.1	17	0.00
	Tripura	232	0	3.8	2.6	-0.3	15	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	-1.8	-10.6	-22.6
Day Peak (MW)	-261.1	-508.5	-1053.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	114.1	-129.9	130.8	-114.7	-0.2	0.0
Actual(MU)	97.1	-128.5	143.4	-117.0	0.9	-4.0
O/D/U/D(MU)	-16.9	1.4	12.7	-2.3	1.1	-4.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7392	13496	8198	3155	709	32949	50
State Sector	7045	16331	6375	2730	98	32579	50
Total	14437	29827	14573	5885	807	65528	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	727	1267	575	596	13	3178	73
Lignite	29	21	49	0	0	99	2
Hydro	110	30	72	27	8	247	6
Nuclear	26	30	76	0	0	132	3
Gas, Naptha & Diesel	13	3	6	0	31	53	1
RES (Wind, Solar, Biomass & Others)	185	227	217	3	1	633	15
Total	1091	1577	995	627	53	4343	100
Share of RES in total generation (%)	17.00	14.37	21.77	0.53	1.32	14.57	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	29.46	18.13	36.66	4.87	17.28	23.30	

Η.	All	India	Demand	Diversity	Factor

Based on Regional Max Demands	1.015
Based on State Max Demands	1.045

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: 28-Jan-2023

Sl No Voltage Level						Date of Reporting:	
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	28-Jan-2023 NET (MU)
		No. of Circuit	Max Import (MTV)	Max Export (M W)	Import (MC)	Export (into)	MEI (MO)
Import/Export of ER			0			0.0	
1 HVDC 2 HVDC	ALIPURDUAR-AGRA PUSAULI B/B	2	0	0 299	0.0	7.2	0.0 -7.2
3 765 kV	GAYA-VARANASI	2	150	674	0.0	8.6	-8.6
4 765 kV	SASARAM-FATEHPUR	1	5	396	0.0	5.9	-5.9
5 765 kV	GAYA-BALIA	1	0	532	0.0	6.9	-6.9
6 400 kV 7 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	0	206 173	0.0	4.2 3.0	-4.2 -3.0
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	42	736	0.0	4.5	-3.0
9 400 kV	PATNA-BALIA	2	0	542	0.0	4.8	-4.8
10 400 kV	NAUBATPUR-BALIA	2	18	449	0.0	5.2	-5.2
11 400 kV	BIHARSHARIFF-BALIA	2	184	205	0.0	0.4 5.2	-0.4
12 400 kV 13 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0 100	456 272	0.0 0.0	2.3	-5.2 -2.3
14 220 kV	SAHUPURI-KARAMNASA	ĩ	36	104	0.0	0.6	-0.6
15 132 kV	NAGAR UNTARI-RIHAND	1	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 18 132 kV	KARMANASA-SAHUPURI	1	0	27	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI		U	ER-NR		58.9	
Import/Export of ER	(With WR)			ERM	0.4	30.9	-58.4
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1061	40	14.6	0.0	14.6
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	586	382	1.7	0.0	1.7
3 765 kV	JHARSUGUDA-DURG	2	0	424	0.0	7.6	-7.6
4 400 kV	JHARSUGUDA-RAIGARH	4	0	655	0.0	9.2	-9.2
						0.9	
5 400 kV	RANCHI-SIPAT	2	124	192	0.0		-0.9
6 220 kV	BUDHIPADAR-RAIGARH	1	0	188	0.0	2.9	-2.9
7 220 kV	BUDHIPADAR-KORBA	2	70	120	0.0	0.3	-0.3
	•			ER-WR	16.2	21.0	-4.7
Import/Export of ER	(With SR)				A-VI-E		
1 HVDC	JEYPORE-GAZUWAKA B/B	2	0	275	0.0	6.0	-6.0
2 HVDC	TALCHER-KOLAR BIPOLE	2.	Ö	1996	0.0	42.8	-42.8
3 765 kV	ANGUL-SRIKAKULAM	2.	Ŏ	3076	0.0	56.3	-56.3
4 400 kV	TALCHER-I/C	2	578	733	0.0	9.4	-9.4
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
				ER-SR	0.0	105.2	-105.2
Import/Export of ER	(With NER)			010			100.2
1 400 kV	BINAGURI-BONGAIGAON	2	140	50	1.8	0.0	1.8
2 400 kV	ALIPURDUAR-BONGAIGAON	2	534	22	7.7	0.0	7.7
3 220 kV	ALIPURDUAR-SALAKATI	2	47	7	0.8	0.0	0.8
3 220 K 1	ALII CKDCAK-SALAKATI		7/	ER-NER	10.3	0.0	10.3
Import/Export of NE	R (With NR)			ER-MER	10.3	0.0	10.3
1 HVDC	BISWANATH CHARIALI-AGRA	2	466	n	11.6	0.0	11.6
I IIII	DISWANATH CHARAEF-AGRA		700	NER-NR	11.6	0.0	11.6
Import/Export of WR	(With NR)			141514-1414	11.0	0.0	11.0
1 HVDC	CHAMPA-KURUKSHETRA	2	0	1002	0.0	17.8	-17.8
2 HVDC	VINDHYACHAL B/B	-	205	0		0.0	
3 HVDC	MUNDRA-MOHINDERGARH	2	0	0	6.2	0.0	6.2 0.0
		2			0.0		
4 765 kV	GWALIOR-AGRA	2	0	2262	0.0	26.0	-26.0
5 765 kV 6 765 kV	GWALIOR-PHAGI	2	12	1629	0.0	20.1 20.6	-20.1
	JABALPUR-ORAI	1		953	0.0		-20.6
7 765 kV	GWALIOR-ORAI		996	0	14.6	0.0	14.6
8 765 kV 9 765 kV	SATNA-ORAI	<u> </u>	0	1029	0.0	17.0	-17.0
	BANASKANTHA-CHITORGARH	2	1607	144	17.3	0.1	17.1
10 765 kV	VINDHYACHAL-VARANASI	2	0	2141	0.0	28.0	-28.0
10 765 kV 11 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI	2 1	0 269	2141 23	0.0 2.8	28.0 0.0	-28.0 2.8
10 765 kV 11 400 kV 12 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL	2 1 1	0 269 492	2141 23 153	0.0 2.8 4.5	28.0 0.0 0.3	-28.0 2.8 4.2
10 765 kV 11 400 kV 12 400 kV 13 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	2 1 1 1	0 269 492 963	2141 23 153 0	0.0 2.8 4.5 21.8	28.0 0.0 0.3 0.0	-28.0 2.8 4.2 21.8
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2 1 1 1 2	0 269 492 963 496	2141 23 153 0 381	0.0 2.8 4.5 21.8 3.5	28.0 0.0 0.3 0.0 1.7	-28.0 2.8 4.2 21.8 1.8
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLJ ZERDA-BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1 1	0 269 492 963 496	2141 23 153 0 381	0.0 2.8 4.5 21.8 3.5 0.0	28.0 0.0 0.3 0.0 1.7 0.0	-28.0 2.8 4.2 21.8 1.8 0.0
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANFUR BHANPURA-MORAK	2 1 1 1	0 269 492 963 496 0	2141 23 153 0 381 0 30	0.0 2.8 4.5 21.8 3.5 0.0 0.0	28.0 0.0 0.3 0.0 1.7 0.0 1.6	-28.0 2.8 4.2 21.8 1.8 0.0 -1.6
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA	2 1 1 1 2 1 1 1	0 269 492 963 496 0 112	2141 23 153 0 381 0 30	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9	28.0 0.0 0.3 0.0 1.7 0.0 1.6	-28.0 2.8 4.2 21.8 0.0 -1.6 0.9
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL RHAND RAPP-SHUJALPUR BHAYURA-RANFUR BHANFURA-MORAK MEHGAON-AURAUYA MALANFURA-URANYA	2 1 1 1 2 1 1 1 1	0 269 492 963 496 0 0 112 84	2141 23 153 0 381 0 30 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0	-28.0 2.8 4.2 21.8 1.8 0.0 -1.6 0.9
10 765 kV 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	VINDHYACHAL-VARANASI JERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALJOR-SAWAI MADHOPUR	2 1 1 1 2 2 1 1 1 1 1	0 269 492 963 496 0 0 112 84	2141 23 153 0 381 0 30 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0	-28.0 2.8 4.2 21.8 1.8 0.0 -1.6 0.9 1.3 0.0
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL RHAND RAPP-SHUJALPUR BHAYURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA	2 1 1 1 2 1 1 1 1	0 269 492 963 496 0 0 112 84	2141 23 153 0 381 0 0 0 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0	-28.0 2.8 4.2 21.8 1.8 0.0 -1.6 0.9 1.3 0.0 0.0
10	VINDHYACHAL-VARANASI JERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 2 2 1 1 1 1 1	0 269 492 963 496 0 0 112 84	2141 23 153 0 381 0 30 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0	-28.0 2.8 4.2 21.8 1.8 0.0 -1.6 0.9 1.3 0.0
10 765 kV 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 20 132 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	2 1 1 1 2 2 1 1 1 1 1	0 269 492 963 496 0 0 1112 84 0	2141 23 153 0 381 0 30 0 0 0 0 WR-NR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1	-28.0 2.8 4.2 21.8 0.0 -1.6 0.9 1.3 0.0 0.0 -60.3
10 765 kV 11 490 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 14 4 4 4 4 4 4 4 4	VINDHYACHAL-VARANASI ZERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANDHAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B	2 1 1 1 2 2 1 1 1 1 1 2 2	0 269 492 963 496 0 0 112 84 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-28.0 2.8 4.2 21.8 0.0 -1.6 0.9 1.3 0.0 0.0 0.0 -60,3
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 20 132 kV 20 132 kV 1 HVDC 1 HVDC 2 HVDC 2 HVDC 1 HVDC 2 HVDC 1 100 kV 1 HVDC 2 HVDC 100 kV 1 HVDC 2 HVDC 100 kV 1 HVDC 2 HVDC 100 kV	VINDHYACHAL-VARANASI JERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WARANYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR (With SR) BHANBAWATI B/B RAHGARH-PUGALUR	2 1 1 1 2 2 1 1 1 1 1 1 2 2	0 269 492 963 496 0 0 112 84 0 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 3.3 1.3 1.5 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-28.0 2.8 4.2 21.8 0.0 -1.6 0.9 1.3 0.0 0.0 -60.3
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANFUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR	2 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 2 2 1 2 1 2 1 2	0 269 492 963 496 0 0 112 84 0 0	2141 23 153 0 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8	28.0 0.0 0.3 0.3 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2	-28.0 -2.8 4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -13.9
10 765 kV 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 20 132 kV 20 130 kV 20 20 kV 20 20 kV 20 20 kV 20 kV	VINDHYACHAL-VARANASI JERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WORK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2	0 269 492 963 496 0 0 112 84 0 0	2141 23 153 0 381 0 0 0 0 0 WR-NR 613 3519 2320 2481	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8	-28.0 -2.8 -4.2 -21.8 -0.0 -1.6 -0.9 -1.3 -0.0 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 1 140 kV 15 16 16 16 16 16 16 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 18	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL -RIHAND RAPF-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD WAGNHA-NIZAMBAD	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 2 1 2	0 269 492 963 496 0 0 112 84 0 0 0	2141 23 153 0 381 0 0 0 0 WR-NR 613 3519 2320 2481	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0	-28.0 -2.8 4.2 21.8 1.8 0.0 -1.6 0.9 1.3 0.0 -60.3 -8.1 -32.0 -13.9 -40.8 21.1
10 765 kV 11 400 kV 12 400 kV 13 400 kV 13 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 20 kV 20 20 kV 20	VINDHYACHAL-VARANASI JERDA-KANROLI JERDA-KANROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANYUR BHANPURA-RANYUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUGDI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2	0 269 492 963 496 0 0 112 84 0 0 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.9 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 22.8	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0	-28.0 -2.8 -4.2 -21.8 -0.0 -1.6 -0.9 -1.3 -0.0 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 100 kV 100 kV 1 100 kV	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL RHAND RAPP-SHUJALPUR BHASPURA-RANFUR BHASPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 2 1 2	0 269 492 963 496 0 0 112 84 0 0 0 0 0 389 0 0	2141 23 153 0 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 2.1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 133.1 8.1 8.1 40.8 0.0 0.0 0.0	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0
10 765 kV 11 400 kV 12 400 kV 13 400 kV 13 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 20 kV 20 20 kV 20	VINDHYACHAL-VARANASI JERDA-KANROLI JERDA-KANROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANYUR BHANPURA-RANYUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUGDI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 2 1 2	0 269 492 963 496 0 0 112 84 0 0 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 96	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -4.2 -21.8 -0.0 -1.6 -0.9 -1.3 -0.0 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -0.0 -1.6
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 100 kV 100 kV 1 100 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI ROLAMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 2	0 269 492 963 496 0 0 0 112 84 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 2.1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -4.2 -21.8 -0.0 -1.6 -0.9 -1.3 -0.0 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -1.6
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 100 kV 100 kV 1 100 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI ROLAMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 2 1 2	0 269 492 963 496 0 0 0 112 84 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 96	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -40.8 -21.1 -0.0 -0.0 -1.3 -2.1 -1.3 -2.1 -1.3 -2.1 -2.2 -1.3 -2.2 -1.3 -2.2 -1.3 -2.2 -1.3 -4.3
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 100 kV 100 kV 1 100 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 2	0 269 492 492 963 496 0 0 112 84 0 0 0 1326 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 0.0 0.0 0.0 0.3 0.0 1.3 0.0 0.1 0.0 0.3 0.3	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI KOLHAPUR-KULGGI ROLAMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1	0 269 269 492 963 496 0 0 112 84 0 0 0 1326 0 0 0 CHANGES Name	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 96	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -60.1 -72.1 -72.1
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHAYURA-RANPUR BHAYURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALAPUR-AURAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 1 2 1 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1	0 269 492 492 963 496 0 0 112 84 0 0 12 84 0 0 0 CHANGES Name	2141 23 153 0 0 381 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 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	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -60.3 -72.1 +ve)/Export(-ve)
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1	0 269 492 492 963 496 0 0 112 84 0 0 112 0 0 0 CHANGES Name MANGBECHUREP	2141 23 153 0 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 1.3 0.0 0.0 0.0 0.0 0.3 0.0 1.3 0.0 0.1 0.0 0.3 0.3	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 8.1 40.8 0.0 0.0 0.0 0.0 142.2 40.8 142.2 40.8 144.2 40.8 40.8 40.8 40.8 40.8 40.8 40.8 40.8	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WALIOR BHANPURA-WALIOR MALANPURA-WALIOR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) (W	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 269 269 492 963 496 0 0 112 84 0 0 112 0 1326 0 0 0 CHANGES Name PURDUAR I JASA ILG. DIM MANGBECHU HEP 4 (& 400KY MALEASE:	2141 23 153 0 381 0 30 0 0 0 0 WR-NR 613 3519 0 0 0 WR-NR 613 4519 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 15.1 Importi	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHAYURA-RANPUR BHAYURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALAPUR-AURAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1	0 269 269 492 963 496 0 0 112 84 0 0 112 0 1326 0 0 0 CHANGES Name PURDUAR I JASA ILG. DIM MANGBECHU HEP 4 (& 400KY MALEASE:	2141 23 153 0 0 381 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 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	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 8.1 40.8 0.0 0.0 0.0 0.0 142.2 40.8 142.2 40.8 144.2 40.8 40.8 40.8 40.8 40.8 40.8 40.8 40.8	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -60.3 -72.1 +ve)/Export(-ve)
10	VINDHYACHAL-VARANASI ZERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WALIOR BHANPURA-WALIOR MALANPURA-WALIOR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) (W	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 269 492 492 4963 496 0 0 112 84 0 0 0 12 84 0 0 0 0 0 0 0 0 0 0 CHANGES Name MANGDECHU HEP RIGHOR L283 LE. BM MADESTEIL HEP RICHEF (from TALA HEP	2141 23 153 0 381 0 30 0 0 0 0 WR-NR 613 3519 0 0 0 WR-NR 613 4519 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 15.1 Importi	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 19 132 kV 19 132 kV 19 135 kV 19 135 kV 19 135 kV 19 130 kV 10 10 kV	VINDHYACHAL-VARANASI ZERDA-KANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WALIOR BHANPURA-WALIOR MALANPURA-WALIOR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) (W	2 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1 1 1 2 2 1	0 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 CHANGES Name PURDUAR 1,283 Le. mMANGDECHU HEP 16 & 4080W MALBASE.	2141 23 153 0 381 0 30 0 0 0 0 WR-NR 613 3519 0 0 0 WR-NR 613 4519 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 15.1 Importi	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANFUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 2 1	0 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 CHANGES Name PURDUAR 1,283 Le. mMANGDECHU HEP 16 & 4080W MALBASE.	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 1.3 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 133.1 8.1 32.0 40.8 0.0 0.0 0.0 0.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange (MII) -1.84
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHAYPURA-RANPUR BHAYPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAJCHUR WARDHANIZAMABAD KOLHAPUR-RHIKODI PONDA-AMBEWADI IN Region ER ER	2 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 112 84 0 0 10 1326 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 0 CHANGES Name 144 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -2.8 -2.8 -2.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -60.1 -72.1 -+ve)/Export(-ve)
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANFUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-	2 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 112 84 0 0 10 1326 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 0 CHANGES Name 144 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 1.3 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 133.1 8.1 32.0 40.8 0.0 0.0 0.0 0.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 2.8 4.2 21.8 0.0 1.8 0.0 1.6 0.9 1.3 0.0 0.0 -60.3 -8.1 -32.0 -40.8 21.1 0.0 0.0 1.6 -72.1 +ve)/Export(-ve) Energy Exchange (MII) -1.84
10	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-MALAMBAD KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 112 84 0 0 10 1326 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 0 CHANGES Name 144 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 155.1 Import Avg (MW)	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -1.6 -0.9 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHAYPURA-RANPUR BHAYPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAJCHUR WARDHANIZAMABAD KOLHAPUR-RHIKODI PONDA-AMBEWADI IN Region ER ER	2 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 112 84 0 0 10 1326 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 0 CHANGES Name 144 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -2.8 -2.8 -2.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -1.6 -72.1 -ve)/Export(-ve)
10	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-MALAMBAD KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 112 84 0 0 10 1326 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 0 CHANGES Name 144 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 155.1 Import Avg (MW)	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -1.6 -0.9 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3
10	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-MALAMBAD KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	0 269 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 CHANGES Name PURDUAR 1,283 Le. mm MANGDECHU HEP 4 (& 400KV MALBASE- ECEPT (from TALA HEP) 13 (\$ 220KV MALBASE-	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 155.1 Import Avg (MW)	-28.0 -2.8 -4.2 -21.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -32.0 -13.9 -40.8 -21.1 -0.0 -1.6 -0.9 -1.3 -32.0 -1.3 -1.3 -32.0 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RICHUR KOLHAR KOLHAPUR-RICHUR KOLHAR	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 1	0 269 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 CHANGES Name PURDUAR 1,283 Le. mm MANGDECHU HEP 4 (& 400KV MALBASE- ECEPT (from TALA HEP) 13 (\$ 220KV MALBASE-	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 96 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 0.1 21.1 0.0 0.0 0.3 0.0 0.0 0.3 0.0 0.0 0.3 0.0 0.0	28.0 0.0 0.0 0.3 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 2.8 4.2 21.8 4.2 21.8 0.0 1.6 0.9 1.3 0.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA BHANPURA-URAIYA MALANPURA-URAIYA ISBHANPURA-URAIYA ISBHANPURA-URAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WARDHA-NIZAMABAD KOLHAPUR-RICHOLI WARDHA-NIZAMABAD KOLHAPUR-RICHOLI PONDA-AMBEWADI REGION ER ER ER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 0 CHANGES Name 0 0 CHANGES Name 1326 0 0 0 TANANDDECHU HEP 162 (& 220KV MALBASE- ECEPT (from LTUKHA HEP	2141 23 153 0 0 381 0 0 0 WR-NR 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RICHUR KOLHAR KOLHAPUR-RICHUR KOLHAR	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 1	0 269 492 492 963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 0 CHANGES Name 0 0 CHANGES Name 1326 0 0 0 TANANDDECHU HEP 162 (& 220KV MALBASE- ECEPT (from LTUKHA HEP	2141 23 153 0 381 0 0 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 96 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 0.1 21.1 0.0 0.0 0.3 0.0 0.0 0.3 0.0 0.0 0.3 0.0 0.0	28.0 0.0 0.0 0.3 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 40.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 2.8 4.2 21.8 4.2 21.8 0.0 1.6 0.9 1.3 0.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA MALANFURA-URANYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGAR-PUGALUR SOLAPUR-RAJGHAT-LALITPUR WARDHA-NIZAMABAD KOLHAPUR-RHIGDI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 1112 84 0 0 12 1326 0 0 0 1326 0 0 0 CHANGES Name 1326 0 0 0 CHANGES Name 14(6 400KV MALBASE ECEPT (from CHUKHA HEP 163 (6 20KV MALBASE TECEPT (from CHUKHA HEP 17 TANAKPURINHPC)	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 1595.1 Importi Avg (MW)	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA BHANPURA-URAIYA MALANPURA-URAIYA ISBHANPURA-URAIYA ISBHANPURA-URAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WARDHA-NIZAMABAD KOLHAPUR-RICHOLI WARDHA-NIZAMABAD KOLHAPUR-RICHOLI PONDA-AMBEWADI REGION ER ER ER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 1112 84 0 0 12 1326 0 0 0 1326 0 0 0 CHANGES Name 1326 0 0 0 CHANGES Name 14(6 400KV MALBASE ECEPT (from CHUKHA HEP 163 (6 20KV MALBASE TECEPT (from CHUKHA HEP 17 TANAKPURINHPC)	2141 23 153 0 0 381 0 0 0 WR-NR 0 0 WR-NR 613 3519 2320 2481 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.3 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 1.33.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA MALANFURA-URANYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGAR-PUGALUR SOLAPUR-RAJGHAT-LALITPUR WARDHA-NIZAMABAD KOLHAPUR-RHIGDI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 2 2 1	0 269 492 492 496 963 496 0 0 1112 84 0 0 12 1326 0 0 0 1326 0 0 0 CHANGES Name 1326 0 0 0 CHANGES Name 14(6 400KV MALBASE ECEPT (from CHUKHA HEP 163 (6 20KV MALBASE TECEPT (from CHUKHA HEP 17 TANAKPURINHPC)	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 1595.1 Importi Avg (MW)	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 2 2 1	0 269 492 492 4963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 1326 1326 1326 1326 1326 1326 1326 1326	2141 23 153 0 0 381 0 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 150.0 160.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-28.0 -2.8 -2.8 -4.2 -2.1.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -3.2.0 -13.9 -40.8 -21.1 -0.0 -1.6 -1.3 -40.8 -21.1 -1.4 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA MALANFURA-URANYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGAR-PUGALUR SOLAPUR-RAJGHAT-LALITPUR WARDHA-NIZAMABAD KOLHAPUR-RHIGDI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 269 492 492 4963 496 0 0 112 84 0 0 112 84 0 0 0 1326 0 0 0 0 CHANGES Name 0 CHANGES Name 1326 0 0 1326 1326 1326 1326 1326 1326 1326 1326	2141 23 153 153 153 381 0 0 30 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR Max (MW) 0 152 0 21 21 9 -75 -98	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 155.1 Import Avg (MW)	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WALIOR MEHGAON-AURAIYA MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUHGI KOLHAPUR-RUHGI PONDA-AMBEWADI REGION ER ER ER ER ER ER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 269 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 389 0 0 0 0 389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 0 0 381 0 0 0 0 WR-NR 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 0 WR-SR	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.3 0.0 0.3 0.0 1.6 23.0 Min (MW)	28.0 0.0 0.0 0.3 0.3 0.0 1.7 0.0 0.0 1.6 0.0 0.0 0.0 0.0 133.1 8.1 32.0 32.0 14.2 40.8 0.0 0.0 0.0 0.0 15.1 Import Avg (MW)	-28.0 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8 -2.8
10	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 269 269 492 963 496 0 0 112 84 0 0 112 84 0 0 0 389 0 0 0 0 389 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2141 23 153 153 153 381 0 0 30 0 0 0 WR-NR 613 3519 2320 2481 0 0 0 WR-SR Max (MW) 0 152 0 21 21 9 -75 -98	0.0 2.8 4.5 21.8 3.5 0.0 0.0 0.9 1.3 0.0 0.0 72.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	28.0 0.0 0.3 0.0 1.7 0.0 1.6 0.0 0.0 0.0 0.0 0.0 133.1 8.1 32.0 14.2 40.8 0.0 0.0 0.0 0.0 155.1 Import Avg (MW)	-28.0 -2.8 -2.8 -4.2 -2.1.8 -1.8 -0.0 -1.6 -0.9 -1.3 -0.0 -60.3 -8.1 -3.2.0 -13.9 -40.8 -21.1 -0.0 -1.6 -1.3 -40.8 -21.1 -1.4 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5