

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

दिनांक: 17th April 2022

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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

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

Sub: Daily PSP Report for the date 16.04.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-अप्रैल-2022 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 16th April 2022, is available at the NLDC website.

धन्यवाद,

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Date of Reporting: Report for previous day

A. Power Supply Position at All India and Regional level	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	55461	60786	42611	24830	2255	185943
Peak Shortage (MW)	1181	0	804	0	0	1985
Energy Met (MU)	1233	1506	1092	560	39	4430
Hydro Gen (MU)	170	37	80	64	7	358
Wind Gen (MU)	19	109	53	-	-	181
Solar Gen (MU)*	100.55	50.24	99.97	5.11	0.52	256
Energy Shortage (MU)	17.38	0.17	21.20	1.64	0.13	40.52
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	57730	66595	53326	25627	2381	194731
Time Of Maximum Demand Met (From NLDC SCADA)	22:34	15:30	14:49	23:15	18:05	14:59
B. Frequency Profile (%)						

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	(MC)	(MU)	(MC)	(14144)	(MU)
	Punjab	7530	0	161.1	69.9	-2.0	123	0.85
	Haryana	8525	0	157.9	102.6	-0.9	238	2.48
	Rajasthan	13078	0	265.8	65.9	-1.5	356	3.58
	Delhi	4974	0	103.3	89.2	-2.2	94	0.00
NR	UP	20505	770	421.7	142.4	0.4	321	1.68
	Uttarakhand	1857	0	38.2	23.6	0.7	305	4.11
	HP	1653	0	33.0	14.1	2.8	469	0.03
	J&K(UT) & Ladakh(UT)	2265	150	47.6	30.2	5.2	545	4.65
	Chandigarh	222	0	4.6	5.0	-0.4	12	0.00
	Chhattisgarh	5182	25	125.0	65.0	-0.5	287	0.06
	Gujarat	19819	0	433.8	204.6	-2.6	725	0.00
	MP	12364	0	278.0	140.1	0.8	671	0.00
WR	Maharashtra	27367	0	609.7	198.6	-1.1	834	0.00
	Goa	632	0	14.3	13.4	0.5	99	0.11
	DD	344	0	8.0	8.0	0.0	26	0.00
	DNH	858	0	20.1	20.4	-0.3	37	0.00
	AMNSIL	791	0	16.9	10.2	0.2	256	0.00
	Andhra Pradesh	11110	958	210.5	82.2	0.1	931	21.20
	Telangana	12386	0	243.7	114.5	-1.6	481	0.00
SR	Karnataka	11550	0	212.7	61.1	-2.7	712	0.00
	Kerala	3933	0	80.3	54.5	-0.5	183	0.00
	Tamil Nadu	15480	0	335.8	208.7	-0.9	591	0.00
	Puducherry	435	0	9.3	9.2	0.0	34	0.00
	Bihar	6326	0	123.6	118.3	-1.1	265	1.07
	DVC	3611	0	79.4	-44.8	-0.4	239	0.00
	Jharkhand	1777	0	37.0	28.6	-0.9	195	0.44
ER	Odisha	5614	0	121.6	58.7	-1.6	416	0.13
	West Bengal	9356	0	197.2	67.2	0.0	461	0.00
	Sikkim	107	0	1.4	1.3	0.1	34	0.00
	Arunachal Pradesh	132	0	2.0	2.1	-0.1	24	0.00
	Assam	1399	0	20.7	17.2	-1.1	78	0.00
	Manipur	143	0	2.3	2.3	0.0	18	0.00
NER	Meghalaya	323	0	5.1	3.9	0.1	43	0.13
	Mizoram	101	0	1.7	1.8	-0.2	20	0.00
	Nagaland	146	0	2.1	2.0	0.0	17	0.00
	Trinura	287	0	5.0	48	-0.2	25	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	10.9	-9.2	-26.3
Day Peak (MW)	544.0	-669.3	-1123.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	124.5	-159.7	128.4	-87.7	-5.4	0.0
Actual(MU)	121.6	-150.9	115.8	-81.4	-6.1	-0.9
O/D/U/D(MU)	-2.9	8.9	-12.6	6.4	-0.7	-0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3964	11252	6418	700	1046	23379	44
State Sector	8694	12948	5627	2650	95	30013	56
Total Control	12658	24199	12045	3350	1141	53392	100

G. Sourcewise generation (MU)

NR	WR	SR	ER	NER	All India	% Share
745	1441	625	622	16	3450	76
20	9	48	0	0	77	2
170	37	80	64	7	358	8
26	33	46	0	0	104	2
19	9	9	0	28	64	1
148	160	186	5	1	500	11
1130	1689	992	691	51	4553	100
42.44	0.40	40 =4	0.54	4.04	40.00	
13.14	9.48	18.71	0.74	1.01	10.98	
30.50	13.63	31.35	9.97	14.38	21.13	
	745 20 170 26 19 148 1130	745 1441 20 9 170 37 26 33 19 9 148 160 1130 1689 13.14 9.48	745 1441 625 20 9 48 170 37 80 26 33 46 19 9 9 148 160 186 1130 1689 992 13.14 9.48 18.71	745 1441 625 622 20 9 48 0 170 37 80 64 26 33 46 0 19 9 9 0 148 160 186 5 1130 1689 992 691 13.14 9.48 18.71 0.74	745 1441 625 622 16 20 9 48 0 0 170 37 80 64 7 26 33 46 0 0 19 9 9 0 28 148 160 186 5 1 1130 1689 992 691 51 13.14 9.48 18.71 0.74 1.01	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.056
Based on State Max Demands	1.090

Diversity 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.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 17-Apr-2022

-							Date of Reporting:	17-Apr-2022
Sl	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	May Export (MW)	Import (MU)	Export (MU)	NET (MU)
No			No. of Circuit	wax import (wi w)	Max Export (MW)	Import (MC)	Export (MC)	NEI (MC)
Impo	rt/Export of ER (\) HVDC	ALIPURDUAR-AGRA	2.	0	0	0.0	0.0	0.0
2		PUSAULI B/B	÷	3	0	0.0	0.0	0.0
3	765 kV	GAYA-VARANASI	2	136	626	0.0	6.4	-6.4
5	765 kV	SASARAM-FATEHPUR	!	0	421	0.0	8.1 9.4	-8.1
6		GAYA-BALIA PUSAULI-VARANASI	+	0	575 70	0.0	0.9	-9.4 -0.9
7	400 kV	PUSAULI -ALLAHABAD	<u> </u>	0	138	0.0	1.1	-1.1
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	274	850	0.0	9.2	-9.2
9		PATNA-BALIA	2	0	535 594	0.0	8.4	-8.4
10 11		NAUBATPUR-BALIA BIHARSHARIFF-BALIA	2	0 180	370	0.0	9.3	-9.3 -3.0
12		MOTIHARI-GORAKHPUR	2	0	0	0.0	0.0	0.0
13		BIHARSHARIFF-VARANASI	2	74	306	0.0	2.9	-2.9
14	220 kV	SAHUPURI-KARAMNASA	1	0	157	0.0	0.8	-0.8
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16 17	132 kV 132 kV	GARWAH-RIHAND KARMANASA-SAHUPURI	1	25 0	0	0.5 0.0	0.0	0.5 0.0
18	132 kV	KARMANASA-CHANDAULI	i	Ŏ	ŏ	0.0	0.0	0.0
					ER-NR	0.5	59.4	-59.0
	rt/Export of ER (With WR)						
1		JHARSUGUDA-DHARAMJAIGARH	4	629	0	12.1	0.0	12.1
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	889	65	10.2	0.0	10.2
3	765 kV	JHARSUGUDA-DURG	2	0	314	0.0	2.3	-2.3
4	400 kV	JHARSUGUDA-RAIGARH	4	0	312	0.0	7.1	-7.1
5	400 kV	RANCHI-SIPAT	2	145	90	0.3	0.0	0.3
6	220 kV	BUDHIPADAR-RAIGARH	1	0	134	0.0	2.4	-2.4
7	220 kV	BUDHIPADAR-KORBA	2	84	17	0.6	0.0	0.6
Imno	rt/Export of ER (With SR)			ER-WR	23.2	11.8	11.4
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	552	0.0	12.2	-12.2
2	HVDC	TALCHER-KOLAR BIPOLE	2	Õ	1589	0.0	36.4	-36.4
3		ANGUL-SRIKAKULAM	2	0	2554	0.0	47.6	-47.6
5	400 kV	TALCHER-I/C BALIMELA-UPPER-SILERRU	2	729	0	8.6 0.0	0.0	8.6
3	220 kV	DALIMELA-UFFEK-SILEKKU	1 1	<u> </u>	0 ER-SR	0.0	96.1	0.0 -96.1
Impo	rt/Export of ER (
1	400 kV	BINAGURI-BONGAIGAON	2	443	0	6.3	0.0	6.3
2		ALIPURDUAR-BONGAIGAON	2	628	0	9.6	0.0	9.6
3	220 kV	ALIPURDUAR-SALAKATI	2	111	0 ER-NER	1.7 17.5	0.0	1.7 17.5
Impo	rt/Export of NER	(With NR)			DA MEN	17.5	010	1/.5
1		BISWANATH CHARIALI-AGRA	2	466	0	10.2	0.0	10.2
		777.1. 3773			NER-NR	10.2	0.0	10.2
Impo	rt/Export of WR (HVDC		1 1	0	3	0.0	0.0	0.0
2	HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B		448	0	12.2	0.0	12.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	502	0.0	11.7	-11.7
4	765 kV	GWALIOR-AGRA	2	0	1989	0.0	29.4	-29.4
5		GWALIOR-PHAGI	2 2	283	1373	0.4	19.7	-19.3
7		JABALPUR-ORAI GWALIOR-ORAI	1	16 613	907	0.0 6.6	25.0 0.0	-25.0 6.6
8	765 kV	SATNA-ORAI	i	0	1049	0.0	20.2	-20.2
9	765 kV	BANASKANTHA-CHITORGARH	2	940	192	7.8	0.0	7.8
10								
10	765 kV	VINDHYACHAL-VARANASI	2	0	0	0.0	49.2	-49.2
11	400 kV	ZERDA-KANKROLI	1	264	0	3.1	0.0	3.1
11 12	400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	1 1 1	264 482	0 52	3.1 5.2	0.0 0.0	3.1 5.2
11 12 13	400 kV 400 kV 400 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND	1 1 1 2	264 482 989	0 52 0	3.1 5.2 22.1	0.0	3.1 5.2 22.1
11 12	400 kV 400 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1 1 1 2	264 482	0 52	3.1 5.2	0.0 0.0 0.0 3.4 0.0	3.1 5.2
11 12 13 14 15 16	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 1 1 2 1 1	264 482 989 490 0	0 52 0 364 0 30	3.1 5.2 22.1 2.5 0.0 0.0	0.0 0.0 0.0 3.4 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0
11 12 13 14 15 16 17	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BIINMAL VINDHYACHAL-RIHAND RAFP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1 1 2 1 1 1	264 482 989 490 0 0 83	0 52 0 364 0 30 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7	0.0 0.0 0.0 3.4 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7
11 12 13 14 15 16 17 18	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	2 1 1 1 2 1 1 1 1	264 482 989 490 0 0 83 54	0 52 0 364 0 30 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5	0.0 0.0 0.0 3.4 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5
11 12 13 14 15 16 17	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	ZERDA-KANKROLI ZERDA-BIINMAL VINDHYACHAL-RIHAND RAFP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 2 2 1 1 1 1 1 2 2	264 482 989 490 0 0 83	0 52 0 364 0 30 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7	0.0 0.0 0.0 3.4 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANG BHANPURA-WANG MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1	264 482 989 490 0 0 83 54	0 52 0 364 0 30 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 1 1 1 1	264 482 989 490 0 0 83 54 0	0 52 0 364 0 30 0 0 0 WR-NR	3.1 5.2 22.1 2.5 0.0 0.7 1.5 0.0 0.0 0.0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 0.0
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANG BHANPURA-WANG MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	1 1 1 1 1	264 482 989 490 0 0 83 54 0 0	0 52 0 364 0 30 0 0 0 0 0 WR-NR	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 158.5	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 1 1 1 1 1 2	264 482 989 490 0 0 83 54 0	0 52 0 364 0 30 0 0 0 0 0 WR-NR	3.1 5.2 22.1 2.5 0.0 0.7 1.5 0.0 0.0 0.0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 158.5	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 0.0
11 12 13 14 15 16 17 18 19 20 Import	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR HVDC HVDC 765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 1 1 1 1 2 2	264 482 989 490 0 0 83 54 0 0	0 52 0 364 0 30 0 0 0 0 0 WR-NR	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9,9
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC 765 kV 400 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 2 2 2 2 2 2 2	264 482 989 490 0 0 83 54 0 0	0 52 0 364 0 30 0 0 0 0 0 0 WR-NR 1012 1504 1001 2524	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0
11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 145 kV 147 bC 147 bC 147 bC 149 bC 140 kV 140 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR WIS SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 2 2	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 52 0 364 0 30 0 0 0 WR-NR 1012 1504 1001 2524 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0	3.1 5.2 22.1 -0.9 -0.0 -0.0 -0.7 1.5 -0.0 -0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -27.0 -0.0
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 2 2 2 2 2 2 2	264 482 989 490 0 0 83 54 0 0	0 52 0 364 0 30 0 0 0 0 0 0 WR-NR 1012 1504 1001 2524	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -0.0 -0.0 -1.2.4 -40.3 -3.1 -3.9 -27.0 0.0
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-SHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2	264 482 989 490 0 0 83 54 0 0 0 0 1 0 0 1 1300 0 0 0	0 52 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 -0.0 -0.0 -0.7 1.5 -0.0 -0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -27.0 -0.0
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAIMADHOPUR RAJGHAT-LALITPUR WIS SR BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2	264 482 989 490 0 0 83 54 0 0 0 0 1300 0 1300 0 0 0	0 52 0 364 0 30 0 0 0 WR-NR 1012 1504 1001 2524 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 -0.0 -0.0 -0.0 -0.7 1.5 -0.0 -0.0 -96.4 -12.4 -40.3 -3.1 -39.9 -27.0 -0.0
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	264 482 989 490 0 0 83 54 0 0 0 0 0 1300 0 1300 0 0 CHANGES	0 52 52 00 0 00 00 00 00 00 00 00 00 00 00 00	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 0.0 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -3.9 27.0 0.0 0.0 -96.4
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAIMADHOPUR RAJGHAT-LALITPUR WIS SR BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI 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	264 482 989 989 490 0 0 83 54 0 0 0 0 0 0 CCHANGES Name	0 52 0 364 0 30 0 0 0 WR-NR 1012 1504 1001 2524 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 -40.3
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	264 482 989 490 0 0 83 54 0 0 0 0 0 83 554 0 0 0 0 0 0 535 0 0 1300 0 0 0 CCHANGES Name	0 52 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 0.9 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -3.9 27.0 0.0 0.0 -66.3 +ve)/Export(-ve) Energy Exchange
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI 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	264 482 989 490 0 0 83 54 0 0 0 0 83 54 0 0 0 0 CHANGES Name #U-ALIPURDUAR AR RECEIPT (from 4*189MW)	0 52 52 00 0 00 00 00 00 00 00 00 00 00 00 00	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 0.0 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -3.9 27.0 0.0 0.0 -96.4
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND 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-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	264 482 989 989 490 0 0 83 53 54 0 0 0 0 0 CHANGES Name 1U-ALIPURDUAR AR RECEIPT (from 4*180MW)	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.44 47 47 47 49.3 47 47 47 47 49.3 47 47 49.4 47 49.4 48 49.4 49.4 49.4 49.4 49.4 49.4 4	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 -46.3 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	264 482 989 490 0 0 83 54 0 0 0 0 83 54 0 0 0 0 0 0 0 1300 0 0 0 1300 0 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 12,4 (& 400kW)	0 52 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 0.0 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -3.9 27.0 0.0 0.0 -96.4
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND 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-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	264 482 989 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.44 47 47 47 49.3 47 47 47 47 49.3 47 47 49.3 47 49.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 -46.3 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND 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-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.44 47 47 47 49.3 47 47 47 47 49.3 47 47 49.3 47 49.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 49.4 40.4 47 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 -46.3 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 0 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 27.0 27.0 0.0 0.0 27.0 27.0 0.0 0.0 0.0 27.0 27.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 47 39.9 0.0 0.0 0.0 0.0 0.0 158.7 Import Avg (MW)	3.1 5.2 22.1 -0.9 -0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 -66.3 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	1	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 47 39.9 0.0 0.0 0.0 0.0 0.0 158.7 Import Avg (MW)	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 2.4 -46.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	1	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 0 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 62.1 0.0 0.0 27.0 27.0 0.0 0.0 27.0 27.0 0.0 0.0 0.0 27.0 27.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 100 100 100 100 100 100	3.1 5.2 22.1 -0.9 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 0.0 4.6 -66.3 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	264 482 989 490 0 0 0 83 54 0 0 0 0 1 0 0 1 0 1 0 0 1 300 0 1 300 0 0 0	0 0 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.1 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -27.0 0.0 0.0 0.0 2.4 -40.3 -4.66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	1	264 482 989 490 0 0 0 83 54 0 0 0 0 1 0 0 1 0 1 0 0 1 300 0 1 300 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 100 100 100 100 100 100	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECHI 12,23 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 18,283 i. a. Line 400K	264 482 482 989 490 0 0 0 83 54 0 0 0 0 0 0 0 1300 0 0 0 0 0 0 0 0 0 	0 0 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.1 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -27.0 0.0 0.0 0.0 2.4 -40.3 -4.66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER		264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 0 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.1 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -27.0 0.0 0.0 0.0 2.4 -40.3 -4.0 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECHI 12,23 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 12,283 i. a. Line 400KV MANGDECHI 18,283 i. a. Line 400K	264 482 989 490 0 0 83 54 0 0 0 0 0 0 0 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 1mport Avg (MW) 187 258	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER		264 482 482 989 490 0 0 0 0 0 0 0 0 0	0 52 0 0 364 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 0.0 1mport Avg (MW) 187 258	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 146 kV 147 kV 148 kV 149 kV 158 kV 168 kV 169 kV 176 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER		264 482 482 989 490 0 0 0 0 0 0 0 0 0	0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -9 -27.0 0.0 0.0 0.0 2.4 -40.3 -40.3 -50.0 0.0 0.0 0.0 -50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABA KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX Line 400KV MANGDECHI 1,283 i.e. ALIPURDU MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 220KV CHUKHA-BIR 132KV MOTANGA-R 132KV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	264 482 482 482 989 490 0 0 0 0 0 0 1 0 0	0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER	TERNATIONAL EX Line 400KV MANGDECHI 1,283 i.e. ALIPURDU MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 220KV CHUKHA-BIR 132KV MOTANGA-R 132KV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	264 482 482 989 490 0 0 0 0 0 0 0 0 0	0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -96.3 -4.66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER		264 482 482 989 490 0 0 0 83 54 0 0 0 0 1 30 54 0 0 0 1 30 0 1300 0 0 1300 0 0 1300 0 0 1300 0 0 13400 0 0 13400 0 1480MW	0	3.1 5.2 22.1 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258 20 -2 11 -49 -158	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -9 -66.3 -+ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5 0.0 0.3 -1.2 -3.8
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABA KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER		264 482 482 482 989 490 0 0 0 0 0 0 1 0 0	0	3.1 5.2 22.1 2.5 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5
11 12 13 14 15 16 17 18 19 20 Impor 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 1 1 1 2 2 2 2 1 1 1 1 2 3 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	264 482 482 989 490 0 0 0 83 54 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	0	3.1 5.2 22.1 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258 20 -2 11 -49 -158	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -9 -66.3 -+ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5 0.0 0.3 -1.2 -3.8
11 12 13 14 15 16 17 18 19 20 1 12 3 4 5 6 6 7 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND 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-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHA		264 482 482 989 490 0 0 0 83 54 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	0	3.1 5.2 22.1 2.5 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 158.5 12.4 40.3 4.7 39.9 0.0 0.0 0.0 97.2 Import Avg (MW) 187 258 20 -2 11 -49 -158	3.1 5.2 22.1 0.0 0.0 0.0 0.0 0.7 1.5 0.0 0.0 0.0 96.4 -12.4 -40.3 -3.1 -39.9 27.0 0.0 0.0 2.4 -66.3 +ve)/Export(-ve) Energy Exchange (MU) 4.5 6.2 0.5 0.0 0.3 -1.2 -3.8 -3.8 -4.2 -22.6
11 12 13 14 15 16 17 18 19 20 1 12 3 4 5 6 7 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV 153 kV 154 kV 155 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 1 1 1 2 2 2 2 1 1 1 1 2 3 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 2 400KV MANGDECHI 1 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	264 482 482 989 490 0 0 0 83 54 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	0	3.1 5.2 22.1 22.1 0.0 0.0 0.7 1.5 0.0 0.0 0.0 1.5 0.0 0.0 27.0 0.0 0.0 27.0 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 1.5 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.1 5.2 22.1 -0.9 0.0 0.0 0.0 0.7 1.5 0.0 0.0 -96.4 -12.4 -40.3 -3.1 -3.9 -96.3 -40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0