

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

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 8th January 2023

Τo,

- 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 07.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07- 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 7th January 2023, is available at the NLDC website.

धन्यवाद.

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



Report for previous day A. Power Supply Position at All India and Regional level				Date	e of Reporting:	08-Jan-20
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	55792	58975	42745	21151	2643	181306
Peak Shortage (MW)	3327	0	0	391	0	3718
Energy Met (MU)	1207	1431	1044	425	47	4154
Hydro Gen (MU)	111	48	104	31	10	304
Wind Gen (MU)	22	79	71	-	-	172
Solar Gen (MU)*	92.89	46.97	95.65	5.08	0.90	241
Energy Shortage (MU)	32.71	0.00	0.00	4.00	0.00	36.71
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	59662	70002	54180	21789	2719	203656
Time Of Maximum Demand Met (From NLDC SCADA)	12:04	10:39	10:41	18:00	17:48	10:54

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	0.122	1.35	5.71	15.53	22.59	58.49	18.92
C. Power Supp	ly Position in States						

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(3.577)	Schedule	0.00	0.000	Shortag
U		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(MW)	(MU)
	Punjab	8776	0	156.6	55.1	-1.7	207	0.00
	Harvana	8163	0	150.1	82.5	0.3	143	3,06
	Rajasthan	15447	479	303.1	104.9	0.4	203	25.33
	Delhi	5091	0	84.6	74.2	-1.0	281	0.00
NR	UP	20274	93	363.8	115.6	-2.0	256	1.08
	Uttarakhand	2388	0	43.7	31.8	0,6	339	2.45
	HP	1995	0	36.3	29.2	0.3	182	0.00
	J&K(UT) & Ladakh(UT)	2957	0	63.8	61.0	-1.3	114	0.79
	Chandigarh	297	0	5.2	5.1	0.1	54	0.00
	Chhattisgarh	4502	0	100.0	43.3	-0.5	226	0.00
	Gujarat	19658	0	398.2	224.5	1.8	1036	0.00
	MP	16577	0	317.5	184.3	0.0	472	0.00
WR	Maharashtra	27065	0	543.9	181.9	0.9	598	0.00
	Goa	662	0	14.0	12.7	0.9	52	0.00
	DNHDDPDCL	1224	0	28.3	28.3	0.0	40	0.00
	AMNSIL	769	0	16.3	9,9	0,6	269	0.00
	BALCO	519	0	12.3	12.4	-0.1	9	0.00
	Andhra Pradesh	10383	0	196.7	91.6	0.6	924	0.00
	Telangana	12952	0	225.7	99.3	-1.8	689	0.00
SR	Karnataka	13190	0	229.7	69.2	0.5	908	0.00
	Kerala	3824	0	76.1	54.5	0.0	292	0.00
	Tamil Nadu	14868	0	307.2	148.5	-1.5	656	0.00
	Puducherry	400	0	8.6	8.3	-0.1	40	0.00
	Bihar	5772	24	101.7	90.1	0.2	229	1.09
	DVC	3543	0	73.8	-36.7	0.2	358	0.00
	Jharkhand	1570	0	29.1	22.2	-2.3	67	2.91
ER	Odisha	4445	0	88.9	20.6	-5.3	242	0.00
	West Bengal	6926	0	130.2	0.1	-2.0	202	0.00
	Sikkim	117	0	1.9	2.0	-0.1	18	0.00
	Arunachal Pradesh	151	0	2.3	2.5	-0.3	30	0.00
	Assam	1494	0	26.0	19.2	-0.2	111	0.00
	Manipur	233	0	3.4	3.5	-0.1	15	0.00
NER	Meghalaya	386	0	7.3	6.4	-0.2	29	0.00
	Mizoram	136	0	2.1	1.9	-0.2	7	0.00
	Nagaland	135	0	2.2	2.1	0.0	20	0.00
	Tripura	230	0	4.1	2.2	-0.1	29	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	-0.4	-7.5	-14.3
Day Peak (MW)	-147.0	-523.3	-890.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	205.0	-146.2	126.9	-184.1	-1.6	0.0
Actual(MU)	208.3	-143.7	131.6	-198.4	-4.0	-6.3
O/D/U/D(MU)	3.3	2.5	4.7	-14.3	-2.4	-6.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5103	11881	8648	1610	774	28015	46
State Sector	8205	15186	6023	3118	119	32650	54
Total	13308	27066	14671	4728	893	60665	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	773	1474	585	665	16	3513	77
Lignite	31	13	38	0	0	81	2
Hydro	111	48	104	31	10	304	7
Nuclear	23	37	52	0	0	112	2
Gas, Naptha & Diesel	18	13	5	0	30	67	1
RES (Wind, Solar, Biomass & Others)	142	128	195	3	1	469	10
Total	1098	1712	979	699	57	4545	100
Share of RES in total generation (%)	12.88	7.48	19.92	0.46	1.59	10.31	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	25.10	12.44	35.86	4.91	18.42	19.46	

	H. All India	Demand	Diversity	Factor
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Based on Regional Max Demands	1.023
Based on State Max Demands	1.066

Dasset on State Max Demanus

1.066

Diversity factor = Sum of regional or state maximum demands / All India maximum demand emand *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: 08-Jan-2023

Sl No Voltage Level							
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Date of Reporting: Export (MU)	08-Jan-2023 NET (MU)
		No. of Circuit	max import (MW)	max export (MW)	import (MU)	Export (MU)	NEI (MU)
Import/Export of ER							
1 HVDC 2 HVDC	ALIPURDUAR-AGRA PUSAULI B/B	 2	0	0 297	0.0 0.0	0.0 7.0	0.0 -7.0
3 765 kV	GAYA-VARANASI	2	0	1243	0.0	20.0	-20.0
4 765 kV	SASARAM-FATEHPUR	ī	0	447	0.0	8.5	-8.5
5 765 kV	GAYA-BALIA	1	0	747	0.0	6.3	-6.3
6 400 kV 7 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	 	0	166	0.0	3.2 3.8	-3.2 -3.8
7 400 kV 8 400 kV	MUZAFFARPUR-GORAKHPUR	1 2	0	205 766	0.0	12.6	-3.8 -12.6
9 400 kV	PATNA-BALIA	2	Ö	675	0.0	13.6	-13.6
10 400 kV	NAUBATPUR-BALIA	2	0	724	0.0	14.4	-14.4
11 400 kV	BIHARSHARIFF-BALIA	2	0	406	0.0	6.9	-6.9
12 400 kV 13 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0	547 306	0.0 0.0	10.0 4.6	-10.0 -4.6
13 400 KV 14 220 kV	SAHUPURI-KARAMNASA	1 1	0	123	0.0	1.5	-4.6 -1.5
15 132 kV	NAGAR UNTARI-RIHAND	i	Ö	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	51	0.0	0.0	0.0
18 132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0 112.2	0.0
Import/Export of ER	(With WD)			ER-NR	0.4	112,2	-111.8
			246	(1)	0.0		
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	246	646	0.0	5.1	-5.1
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	333	870	0.0	7.7	-7.7
3 765 kV	JHARSUGUDA-DURG	2	0	654	0.0	11.6	-11.6
4 400 kV	JHARSUGUDA-RAIGARH	4	0	696	0.0	10.7	-10.7
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5 400 kV	RANCHI-SIPAT	2	38	326	0.0	3.6	-3.6
6 220 kV	BUDHIPADAR-RAIGARH	1	0	186	0.0	2.8	-2.8
7 220 kV	BUDHIPADAR-KORBA	2	79	108	0.0	0.5	-0.5
				ER-WR	0.0	42.0	-42.0
Import/Export of ER	(With SR)			DAY VIR	V.U		
1 HVDC	JEYPORE-GAZUWAKA B/B	2	0	324	0.0	7.3	-7.3
2 HVDC	TALCHER-KOLAR BIPOLE	7	0	1993	0.0	36.7	-36.7
3 765 kV	ANGUL-SRIKAKULAM	2.	Ö	2986	0.0	56.0	-56.0
4 400 kV	TALCHER-I/C	2	163	666	0.0	3.8	-3.8
5 220 kV	BALIMELA-UPPER-SILERRU	1	0	000	0.0	0.0	0.0
J LLURY	D.L.E. BERTOLERRO		ı J	ER-SR	0.0	99.9	-99.9
Import/Export of ER	(With NER)			IA-3K	v.U	, ,,,,	-22.7
1 400 kV	BINAGURI-BONGAIGAON	2	207	0	3.0	0.0	3.0
2 400 kV	ALIPURDUAR-BONGAIGAON	2		0	10.9	0.0	10.9
3 220 kV	ALIPURDUAR-SALAKATI	2	664 61	0	1.0	0.0	1.0
3 220 K V	ALII UKDUAK-SALAKATI		UI	ER-NER	14.8	0.0	14.8
Import/Export of NE	D (With ND)			EK-NEK	14.8	0.0	14.8
1 HVDC	BISWANATH CHARIALI-AGRA	2.	474	0	11.2	0.0	11.2
1 HVDC	DISWANATH CHARIALI-AGRA		4/4	NER-NR		0.0	
Import/Export of WI	(With ND)			INEX-INK	11.2	0.0	11.2
	CHAMPA-KURUKSHETRA	2	0	1001	0.0	36.9	26.0
1 HVDC 2 HVDC			0	1001	0.0	2.4	-36.9
	VINDHYACHAL B/B	2		101	0.0		-2.4
3 HVDC	MUNDRA-MOHINDERGARH	2	689	0	11.4	0.0	11.4
4 765 kV	GWALIOR-AGRA		0	2092	0.0	27.2	-27.2
5 765 kV	GWALIOR-PHAGI	2	0	2262	0.0	40.8	-40.8
6 765 kV	JABALPUR-ORAI	1 2	0	1295	0.0	33.6	-33.6
7 765 kV	GWALIOR-ORAI	1	977	0	18.0	0.0	18.0
8 765 kV	SATNA-ORAI	1	0	1164	0.0	20.9	-20.9
9 765 kV	BANASKANTHA-CHITORGARH	2	2213		22.5	0.0	22.5
				274			
10 765 kV	VINDHYACHAL-VARANASI	2	0	2617	0.0	35.2	-35.2
10 765 kV 11 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI	2 1	0 347	2617 72	0.0 3.4	35.2 0.0	-35.2 3.4
10 765 kV 11 400 kV 12 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL	2 1 1	0 347 577	2617 72 204	0.0 3.4 4.1	35.2 0.0 0.0	-35.2 3.4 4.1
10 765 kV 11 400 kV 12 400 kV 13 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	2 1 1 1	0 347 577 969	2617 72 204 0	0.0 3.4 4.1 21.9	35.2 0.0 0.0 0.0	-35.2 3.4 4.1 21.9
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 1 2	0 347 577 969 176	2617 72 204 0 685	0.0 3.4 4.1 21.9 0.0	35.2 0.0 0.0 0.0 3.9	-35.2 3.4 4.1 21.9 -3.9
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 2 1 2	0 347 577 969 176	2617 72 204 0 685	0.0 3.4 4.1 21.9 0.0 0.0	35.2 0.0 0.0 0.0 3.9 0.0	-35.2 3.4 4.1 21.9 -3.9 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-RANPUR BHANPURA-MORAK	2 1 1 1 2 1 1	0 347 577 969 176 0	2617 72 204 0 685 0 30	0.0 3.4 4.1 21.9 0.0 0.0	35.2 0.0 0.0 0.0 3.9 0.0 1.8	-35.2 3.4 4.1 21.9 -3.9
10 765 kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLJ ZERDA-BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1 1 2 1 1 1	0 347 577 969 176	2617 72 204 0 685	0.0 3.4 4.1 21.9 0.0 0.0	35,2 0.0 0.0 0.0 3,9 0.0 1.8	-35.2 3.4 4.1 21.9 -3.9 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-BHINMAI VINDHYACHAL RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MERIGAON-AURAUYA MALANPUR-AURAIYA	2 1 1 1 2 1 1 1 1	0 347 577 969 176 0	2617 72 204 0 685 0 30 0	0.0 3.4 4.1 21.9 0.0 0.0	35,2 0.0 0.0 0.0 3.9 0.0 1.8 0.0	-35,2 3,4 4,1 21,9 -3,9 0,0 -1.8
10	VINDHYACHAL-VARANASI JERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPUR-RANPUR BHANPUR-AWANGAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1 1 1 1	0 347 577 969 176 0 0 112 81	2617 72 204 0 685 0 30 7 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0	35,2 0,0 0,0 0,0 3,9 0,0 1.8 0,0 0,0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 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-BHINMAI VINDHYACHAL RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MERIGAON-AURAUYA MALANPUR-AURAIYA	1 1 1	0 347 577 969 176 0 0	2617 72 204 0 685 0 30 0 7	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 0.0
10	VINDHYACHAL-VARANASI JERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1 1	0 347 577 969 176 0 0 112 81	2617 72 204 0 685 0 30 7 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0	35,2 0,0 0,0 0,0 3,9 0,0 1.8 0,0 0,0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 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 18 220 kV 19 132.kV 20 132.kV 20 132.kV	VINDHYACHAL-VARANASI ZERDA-RANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUAL-PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1 1 1 1	0 347 577 969 176 0 0 112 81 0	2617 72 204 0 6885 0 30 0 7 0 WR-NR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0	-35.2 3.4 4.1 21.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6
10 765.kV 11 490.kV 12 490.kV 13 490.kV 13 490.kV 15 220.kV 16 220.kV 17 220.kV 19 132.kV 20 132.kV 20 132.kV 20 142.kV 20 152.kV 20 152.kV 20 152.kV 20 20 20 20 20 20 20 2	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BANKROLI VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1 1 1 1 2	0 347 577 969 176 0 0 112 81 0	2617 72 204 0 685 0 30 0 7 0 WR-NR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-35.2 3.4 4.1 21.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6
10 765.kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WF 1 HVDC 2 HVDC 2 HVDC 2 HVDC 1 400 kV 1 HVDC 2 HVDC 100 kV 1 HVDC 2 HVDC 100 kV 1 HVDC 2 HVDC 100 kV 100 kV	VINDHYACHAL-VARANASI JERDA-KANROLI JERDA-SHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHANDRAWAIT B/B BHANDRAWAIT B/B RAIGARH-PUGALUR	1 1 1 1 1 1 2	0 347 577 969 176 0 0 112 81 0	2617 72 204 0 685 0 7 0 7 0 WR-NR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 1.2.8	-35.2 3.4 4.1 21.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6
10 765 kV 11 490 kV 12 490 kV 13 490 kV 13 490 kV 14 490 kV 15 220 kV 17 220 kV 19 132 kV 20 132 kV 20 132 kV 20 17 47 47 47 47 47 47 47	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPF-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	1 1 1 1 1 1 2	0 347 577 969 176 0 0 112 81 0 0	2617 72 204 0 685 0 30 0 7 0 WR-NR 1009 5002 1231	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 1.8 202.8	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -112.6 -12.8 -30.2 -8.5
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 20 130 kV 20 20 kV 20 kV 20 20 kV 20 kV	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	1 1 1 1 1 1 2 2 2 2 2 2	0 347 577 969 176 0 0 112 81 0 0	2617 72 204 0 685 0 30 0 7 0 WR-NR 1009 \$5002 1231 2816	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1	35.2 3.4 4.1 21.9 0.0 1.8 0.8 1.2 0.0 0.0 0.119.6 -112.8 -30.2 -8.5 -39.1
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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPF-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAHYA MALANFURA-URAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMBAD KOLHAPUR-RUGGI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	0 347 577 577 969 176 0 0 112 81 0 0	2617 72 204 0 685 0 685 0 7 0 0 WR-NR 1009 5002 1231 2816 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 23.1	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 -33.1
10 765.kV 11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 17 220 kV 17 220 kV 19 152 kV 20 132 kV 20 132 kV 20 132 kV 20 152 kV 20 20 kV 20 20 kV 20 kV	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BANKROLI VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI	1 1 1 1 1 1 2 2 2 2 2 2	0 347 577 969 176 0 0 112 81 0 0 0	2617 72 204 0 685 0 30 0 7 7 0 0 WR-NR 1009 5002 1231 2816 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0	-35.2 3.4 4.1 21.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 23.1 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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-RANKROLI JERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAHYA MALANFURA-URAHYA MALANFURA-URAHYA GWALIOR-SAWAH MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	0 347 577 577 969 176 0 0 112 81 0 0	2617 72 204 0 685 0 0 685 0 0 0 WR-NR 1009 5002 1231 2816 0 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.19.6 -12.8 -30.2 -8.5 -39.1 0.0 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 19 152 kV 20 132 kV 20 132 kV 20 132 kV 20 152 kV 20 20 kV 20 20 kV 20 kV	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BANKROLI VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	0 347 577 969 176 0 0 112 81 0 0 0	2617 72 204 0 685 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 93	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 0.0 1.5	35.2 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -119.6 -12.8 -30.2 -30.2 -8.5 -39.1 2.1 0.0 0.0 1.5
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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-RANKROLI JERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAHYA MALANFURA-URAHYA MALANFURA-URAHYA GWALIOR-SAWAH MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	0 347 577 969 176 0 0 112 81 0 0 0	2617 72 204 0 685 0 0 685 0 0 0 WR-NR 1009 5002 1231 2816 0 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.19.6 -12.8 -30.2 -8.5 -39.1 0.0 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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI 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	0 347 577 969 176 0 0 112 81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2617 72 204 0 685 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 93	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 0.0 1.5	35.2 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 23.1 0.0 0.0 0.0 -15.5 -66.0
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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 347 577 577 969 176 0 0 112 81 0 0 0 0 14440 0 0 1 1 CHANGES	2617 72 204 0 685 0 0 685 0 0 7 0 0 WR-NR 1009 \$5002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 1.2 0.0 0.0 1.2 0.0 0.0 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 0.0 0.0 1.5 -66.0 -+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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI 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	0 347 347 577 969 176 0 0 112 81 0 0 0 1440 0 0 1 1440 0 1 1 CHANGES	2617 72 204 0 685 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 93	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 0.0 1.5	35.2 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 0.0 0.0 1.5 -66.0 -+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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RHKODI PONDA-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 347 347 577 969 176 0 0 112 81 0 0 0 962 0 14440 0 0 1 CHANGES Name	2617 72 204 0 0 685 0 0 77 0 0 WR-NR 1009 1009 2816 0 0 33 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 8.5 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.18 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 23.1 0.0 0.0 1.5 -66.0 +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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	0 347 347 577 577 969 176 0 0 112 81 0 0 0 0 0 14440 0 1 1 CHANGES Name	2617 72 204 0 685 0 0 685 0 0 7 0 0 WR-NR 1009 \$5002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 1.2 0.0 0.0 1.2 0.0 0.0 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 0.0 0.0 1.8 0.8 1.2 0.0 0.0 1.19.6 -119.6 -12.8 -30.2 -8.5 -39.1 2.3.1 0.0 0.0 0.0 -15.5 -66.0 +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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	0 347 347 577 969 176 0 0 112 81 0 0 0 1440 0 1440 0 1 1 CHANGES Name PURDIAR 1,28 3 Lc. mm MANGBECHU HEP	2617 72 204 0 685 0 685 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 1.5 24.6	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2
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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RHKODI PONDA-AMBEWADI IN Region	1	0 347 347 577 969 176 0 0 112 81 0 0 0 1440 0 1440 0 1 1 CHANGES Name PURDIAR 1,28 3 Lc. mm MANGBECHU HEP	2617 72 204 0 0 685 0 0 77 0 0 WR-NR 1009 1009 2816 0 0 33 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 8.5 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.18 0.0 -119.6 -12.8 -30.2 -8.5 -39.1 23.1 0.0 0.0 1.5 -66.0 +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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	0 347 577 969 176 0 0 112 81 0 0 0 12 81 0 0 14440 0 14440 0 1 CHANGES Name MANGDEGHU HEP 164 4000 NALBASE - ECCHFI (from TALA HEP	2617 72 204 0 685 0 685 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 1.5 24.6	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2
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 1 1 1 1 1 1 1 1 1	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-KANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 347 347 577 969 176 0 0 112 81 0 0 0 142 81 0 0 0 156 0 0 167 0 176 0 0 181 0 0 0 0 181 0 0 0 0 0 181 0 0 0 0	2617 72 204 0 685 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 0.0 1.5 24.6	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -30.1 -30.2 -30.1
10	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RUDGI KOLHAPUR-RUDGI KOLH	1	0 347 347 577 969 176 0 0 112 81 0 0 0 142 81 0 0 0 156 0 0 167 0 176 0 0 181 0 0 0 0 181 0 0 0 0 0 181 0 0 0 0	2617 72 204 0 685 0 685 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 1.5 24.6 Min (MW)	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 12.8 30.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -30.2
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPPSHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA MALANFURA-URAIYA GWALIOR-SAWAH MADHOPUR RAIGGHT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RIDGI KOLHAPUR-RIDGI ROHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	1	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 12 81 0 0 14440 16 16 16 16 16 16 16 16 16 16 16 16 16	2617 72 204 0 685 0 0 885 0 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 30.2 8.5 39.1 0.0 0.0 0.0 0.0 0.0 1 Import(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.2.8 -30.2 -30.2 -3.5 -39.1 0.0 0.0 1.5 -66.0 +ve)/Export(-ve) Energy Exchange MIII -1.23
10	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RUDGI KOLHAPUR-RUDGI KOLH	1	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 1440 0 1562 0 14440 0 1 1 CHANGES Name 1440 1440 1540 1640 1640 1640 1640 1640 1640 1640 16	2617 72 204 0 685 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 1.5 24.6 Min (MW)	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 12.8 30.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-35.2 3.4 4.1 21.9 3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -30.1 -30.2 -30.1
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPPSHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA MALANFURA-URAIYA GWALIOR-SAWAH MADHOPUR RAIGGHT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RIDGI KOLHAPUR-RIDGI ROHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC BOOKY MANGDECHHUALI ALIPURDAR RECEBT (IN BOOKY MANGDECHHUALI BOOKY	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 1440 0 1562 0 14440 0 1 1 CHANGES Name 1440 1440 1540 1640 1640 1640 1640 1640 1640 1640 16	2617 72 204 0 685 0 0 885 0 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.2.8 -30.2 -30.2 -3.5 -39.1 0.0 0.0 1.5 -66.0 +ve)/Export(-ve) Energy Exchange MIII -1.23
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPPSHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA MALANFURA-URAIYA GWALIOR-SAWAH MADHOPUR RAIGGHT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RIDGI KOLHAPUR-RIDGI ROHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	1	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 1440 0 1562 0 14440 0 1 1 CHANGES Name 1440 1440 1540 1640 1640 1640 1640 1640 1640 1640 16	2617 72 204 0 685 0 0 885 0 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 30.2 8.5 39.1 0.0 0.0 0.0 0.0 0.0 1 Import(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.2.8 -30.2 -30.2 -3.5 -39.1 0.0 0.0 1.5 -66.0 +ve)/Export(-ve) Energy Exchange MIII -1.23
10	VINDHYACHAL-VARANASI ZERDA-SANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WANDHARAWA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-MIZAMBAD KOI-HAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC BOOKY MANGDECHHUALI ALIPURDAR RECEBT (IN BOOKY MANGDECHHUALI BOOKY	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 1440 0 1562 0 14440 0 1 1 CHANGES Name 1440 1440 1540 1640 1640 1640 1640 1640 1640 1640 16	2617 72 204 0 0 685 0 0 77 0 WR-NR 1009 WR-NR 1009 S002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.8 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW)	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.18 0.0 -1.19.6 -12.8 -30.2 -8.5 -30.2 -8.5 -39.1 -33.1 -6.0 -1.5 -66.0 +ve)/Export(-ve) -1.23 -1.23 -1.23 -1.32 -6.43
10	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-SANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 0 1440 0 1 1440 0 0 1 1 CHANGES Name PURDIAR 1,283 i.e. m/MANGDEGHU HEP 4 (& 4000 W MALBASE- ECEITY (from TALA HEP) 12 (& 2200 W MALBASE- ECEITY (from CHUKHA HEP) 1	2617 72 204 0 685 0 685 0 0 7 7 0 WR-NR 1009 5002 1231 2816 0 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -1.0 0.0 0.0 -1.5 -6.0 -+ve)/Export(-ve) Energy Exchange (MII) -1.23 -1.32 -0.43 -0.42
10	VINDHYACHAL-VARANASI ZERDA-SANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WANDHARAWA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-MIZAMBAD KOI-HAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC BOOKY MANGDECHHUALI ALIPURDAR RECEBT (IN BOOKY MANGDECHHUALI BOOKY	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 0 1440 0 1 1440 0 0 1 1 CHANGES Name PURDIAR 1,283 i.e. m/MANGDEGHU HEP 4 (& 4000 W MALBASE- ECEITY (from TALA HEP) 12 (& 2200 W MALBASE- ECEITY (from CHUKHA HEP) 1	2617 72 204 0 0 685 0 0 77 0 WR-NR 1009 WR-NR 1009 S002 1231 2816 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.8 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW)	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 -11.8 0.0 -11.9
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPS-RUJALPUR BHANFURA-BANFUR BHANFURA-MORAK MERIGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI EB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI ROLHAPUR-RUIGGI ROLHAPUR-	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 IIIIIIIIIIIIIII	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 10 0 562 0 14440 0 1 1 CHANGES Name 1	2617 72 204 0 685 0 0 885 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW) 0 27 0 13	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 12.8 30.2 202.8 12.8 30.2 30.2 12.8 30.2 12.8 30.2 13.8 30.1 13.9 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11	-35.2 3.4 4.1 4.1 2.1.9 -3.9 0.0 0.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -30.2 -30.1
10	VINDHYACHAL-VARANASI JERDA-KANKROLI JERDA-SANKROLI JERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 10 0 562 0 14440 0 1 1 CHANGES Name 1	2617 72 204 0 685 0 685 0 0 7 7 0 WR-NR 1009 5002 1231 2816 0 0 0 93 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -119.6 -12.8 -30.2 -1.0 0.0 0.0 -1.5 -6.0 -+ve)/Export(-ve) Energy Exchange (MII) -1.23 -1.32 -0.43 -0.42
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPS-RUJALPUR BHANFURA-BANFUR BHANFURA-MORAK MERIGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI EB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI ROLHAPUR-RUIGGI ROLHAPUR-	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 IIIIIIIIIIIIIII	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 10 0 562 0 14440 0 1 1 CHANGES Name 1 C	2617 72 204 0 685 0 0 885 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW) 0 27 0 13	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 12.8 30.2 202.8 12.8 30.2 30.2 12.8 30.2 12.8 30.2 13.8 30.1 13.9 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11	-35.2 3.4 4.1 4.1 2.1.9 -3.9 0.0 0.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -30.2 -30.1
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPS-RUJALPUR BHANFURA-BANFUR BHANFURA-MORAK MERIGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI EB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI KOLHAPUR-RUIGGI ROLHAPUR-RUIGGI ROLHAPUR-	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 IIIIIIIIIIIIIII	0 3.47 3.47 577 969 176 0 0 112 81 0 0 12 81 0 0 962 0 14440 0 14440 1 0 1 1 CHANGES Name 14ERDIAR 1,283 Le. mm MANGBECHU HEP 4 (& 400KV MALBASE ECEPT (from TALA HEP IKE; (& 220KV MALBASE TEMPT (from CHUKHA HEP) 1 TANAKPURINHPC)	2617 72 204 0 685 0 0 885 0 0 7 0 WR-NR 1009 5002 1231 2816 0 0 0 WR-SR	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW) 0 27 0 13	35.2 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 12.8 30.2 202.8 12.8 30.2 30.2 12.8 30.2 12.8 30.2 13.8 30.1 13.9 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11	-35.2 3.4 4.1 4.1 2.1.9 -3.9 0.0 0.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -30.2 -30.1
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPPSHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA MALANFURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RIJGGI KOLHAPUR-RIJGGI KOLHAPUR-RIJGGI ROLHAPUR-RIJGGI ROLHAPUR-RIJGGI ROLHAPUR-BIJGGI ROLHAPUR-RIJGGI ROLHAPUR-BIJGGI ROLHAPUR-	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 10 11 11 11 11 11 11 11 11 11 11 11 11	0 3.47 3.47 577 969 176 0 0 112 81 0 0 12 81 0 0 962 0 14440 0 14440 1 0 1 1 CHANGES Name 14ERDIAR 1,283 Le. mm MANGBECHU HEP 4 (& 400KV MALBASE ECEPT (from TALA HEP IKE; (& 220KV MALBASE TEMPT (from CHUKHA HEP) 1 TANAKPURINHPC)	2617 72 204 0 685 0 0 685 0 0 7 0 WR-NR 1009 \$002 1231 2816 0 0 93 WR-SR Max (MW) 0 180 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.8 0.0 -1.19.6 -12.8 -30.2 -30.2 -38.5 -39.1 -23.1 0.0 -15.6 -40.0
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	TI II II II II II II II II II	0 3.47 3.47 5.77 9.69 1.76 0 0 1.12 81 0 0 0 1.2 81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2617 72 204 0 0 685 0 0 77 0 WR-NR 1009 WR-NR 1009 S002 1231 2816 0 0 0 93 WR-SR Max (MW) 0 180	0.0 3.4 4.1 21.9 0.8 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW) 27 0 -13 -31	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 8.5 30.2 8.5 8.5 9.1 0.0 0.0 0.0 1mport(Avg (MW) 113	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.18 0.0 -1.19.6 -119.6 -12.8 -30.2 -8.5 -39.1 -30.2 -8.5 -39.1 -23.1 -0.0 -1.5 -66.0 +ve)/Export(-ve) Energy Exchange (MII) -1.23 -6.12 -1.32 -6.12 -1.43 -1.79 -4.31
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPPSHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA MALANFURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RIJGGI KOLHAPUR-RIJGGI KOLHAPUR-RIJGGI ROLHAPUR-RIJGGI ROLHAPUR-RIJGGI ROLHAPUR-BIJGGI ROLHAPUR-RIJGGI ROLHAPUR-BIJGGI ROLHAPUR-	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 10 11 11 11 11 11 11 11 11 11 11 11 11	0 3.47 3.47 5.77 9.69 1.76 0 0 1.12 81 0 0 0 1.2 81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2617 72 204 0 685 0 0 685 0 0 7 0 WR-NR 1009 \$002 1231 2816 0 0 93 WR-SR Max (MW) 0 180 0	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 1.8 0.0 0.0 0.0 0.0 0.0 202.8 12.8 30.2 8.5 39.1 0.0 0.0 0.0 0.0 1mport(Avg (MW)	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.8 0.0 -1.19.6 -12.8 -30.2 -30.2 -38.5 -39.1 -23.1 0.0 -15.6 -40.0
10	VINDHYACHAL-VARANASI ZERDA-RANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPENUALPUR BHANFURA-BANFUR BHANFURA-BANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAMGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI NOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RU	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	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 962 0 1440 0 0 1 1 1 CHANGES Name PURDIAR 1283 Le. mhANCDECHU HEP 14 (& 400k V MALBASE- EEIPT (from TALA HEP 18.32 (& 220k V MALBASE- EEIPT (from CHUKHA HEP 1 1 TANAKPURNHPC) HAR) FFARPUR 1&2 ANGLADESH)	2617 72 204 0 685 0 0 77 0 0 WR-NR 1009 5002 1231 2816 0 0 0 93 WR-SR Max (MW) 0 180 0 180 -75 -88 -366	0.0 3.4 4.1 21.9 0.0 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 0.0 1.5 24.6 Min (MW)	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 0.0 -119.6 -12.8 -30.2 -30.2 -39.1 0.0 0.0 1.5 -66.0 +ve)/Export(-ve) Energy Exchange MID -1.32 -3.4 -3.4 -3.4 -3.5 -3.9 -3.1 -3.1 -4.31 -3.2 -3.4 -3.3 -3.4 -3.1 -4.31 -4.31 -4.31 -4.31
10	VINDHYACHAL-VARANASI ZERDA-SANROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA RAJCHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	TI II II II II II II II II II	0 347 347 577 969 176 0 0 112 81 0 0 112 81 0 0 962 0 1440 0 0 1 1 1 CHANGES Name PURDIAR 1283 Le. mhANCDECHU HEP 14 (& 400k V MALBASE- EEIPT (from TALA HEP 18.32 (& 220k V MALBASE- EEIPT (from CHUKHA HEP 1 1 TANAKPURNHPC) HAR) FFARPUR 1&2 ANGLADESH)	2617 72 204 0 0 685 0 0 77 0 WR-NR 1009 WR-NR 1009 S002 1231 2816 0 0 0 93 WR-SR Max (MW) 0 180	0.0 3.4 4.1 21.9 0.8 0.0 0.0 0.0 0.8 1.2 0.0 0.0 83.2 0.0 0.0 0.0 23.1 0.0 0.0 1.5 24.6 Min (MW) 27 0 -13 -31	35.2 0.0 0.0 0.0 0.0 0.0 3.9 0.0 0.0 1.8 0.0 0.0 0.0 0.0 202.8 12.8 8.5 30.2 8.5 8.5 9.1 0.0 0.0 0.0 1mport(Avg (MW) 113	-35.2 3.4 4.1 21.9 -3.9 0.0 -1.8 0.8 1.2 0.0 -1.18 0.0 -1.19.6 -119.6 -12.8 -30.2 -8.5 -39.1 -30.2 -8.5 -39.1 -23.1 -0.0 -1.5 -66.0 +ve)/Export(-ve) Energy Exchange (MII) -1.23 -6.12 -1.32 -6.12 -1.43 -1.79 -4.31