

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

दिनांक: 16th Nov 2021

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 15.11.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-नवंबर-2021 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 15th November 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day A. Power Supply Position at All India and Regional level Date of Reporting:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	46664	55593	38446	18984	2474	162161
Peak Shortage (MW)	600	0	0	40	0	640
Energy Met (MU)	925	1281	802	381	43	3433
Hydro Gen (MU)	134	42	102	60	14	351
Wind Gen (MU)	5	64	49	-	-	117
Solar Gen (MU)*	55.90	34.60	70.67	4.50	0.24	166
Energy Shortage (MU)	7.60	1.28	0.00	2,27	0.28	11.43
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	47736	61022	40056	19484	2614	165145
Time Of Maximum Demand Met (From NLDC SCADA)	18:17	11:48	18:33	18:00	17:48	18:20

FVI 0.031 < 49.7 0.00 49.7 - 49.8 0.39 49.8 - 49.9 4.47 49.9 - 50.05 79.53

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		day(MW)	Demand(MW)	` ′	(MU)	` '		(MU)
	Punjab	5631	0	109.7	50.9	-0.3	183	4.00
	Haryana	5803	0	113.2	78.4	-0.1	147	0.00
	Rajasthan	13724	0	253.4	75.5	0.3	419	0.00
	Delhi	3416	0	60.9	49.8	-1.4	175	0.00
NR	UP	15531	0	266.0	105.9	-0.3	351	0.15
	Uttarakhand	1816	0	34.7	21.8	0.8	169	0.00
	HP	1673	0	30.2	19.3	0.4	287	0.00
	J&K(UT) & Ladakh(UT)	2816	0	53.8	45.6	0.0	315	3.45
	Chandigarh	179	0	3.0	3.5	-0.5	32	0.00
	Chhattisgarh	3423	0	76.8	31.2	0.0	179	0.00
	Gujarat	16797	77	347.7	202.8	-1.9	906	1.28
	MP	13770	0	279.1	192.5	-0.5	630	0.00
WR	Maharashtra	25215	0	520.8	180.6	-3.2	613	0.00
	Goa	622	0	12.7	12.1	0.0	51	0.00
	DD	332	0	7.2	7.1	0.1	18	0.00
	DNH	846	0	19.4	19.1	0.3	60	0.00
	AMNSIL	760	0	17.4	8.9	-0.1	257	0.00
	Andhra Pradesh	7723	0	156.8	64.9	-0.2	425	0.00
	Telangana	7470	0	152.9	53.9	0.2	446	0.00
SR	Karnataka	8415	0	164.3	36.8	-1.3	624	0.00
	Kerala	3457	0	68.7	29.8	-1.3	139	0.00
	Tamil Nadu	12673	0	253.0	134.2	-2.0	488	0.00
	Puducherry	351	0	6.7	7.4	-0.7	47	0.00
	Bihar	4228	0	72.9	64.9	-0.5	345	0.00
	DVC	3132	40	63.2	-31.6	-1.8	294	1.68
	Jharkhand	1476	0	25.8	21.9	-1.9	171	0.59
ER	Odisha	5250	0	104.4	44.9	0.1	310	0.00
	West Bengal	6267	0	112.8	-6.7	0.7	378	0.00
	Sikkim	102	0	1.6	1.6	0.0	40	0.00
	Arunachal Pradesh	139	0	2.3	2.2	0.0	57	0.00
	Assam	1494	0	24.7	17.7	0.1	83	0.00
	Manipur	203	0	2.6	2.6	0.0	26	0.28
NER	Meghalaya	375	0	6.5	4.9	0.2	45	0.00
	Mizoram	112	0	1.7	1.4	-0.3	17	0.00
	Nagaland	148	0	2.3	2.0	0.1	31	0.00
	Tripura	214	0	3.4	1.8	-0.6	54	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	16.3	1.6	-18.1
Day Peak (MW)	761.0	97.0	-843.0

 $E.\ Import/Export\ by\ Regions\ (in\ MU)\ -\ Import(+ve)/Export(-ve);\ OD(+)/UD(-)$ WR TOTAL Schedule(MU) Actual(MU) O/D/U/D(MU) 69.0 55.9 -13.1 187.4 183.5 -68.1 -53.2 14.9 -181.0 -181.0

F. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	6867	15355	11252	1320	500	35294	42
State Sector	14596	19829	10293	3900	11	48629	58
Total	21463	35184	21545	5220	511	83922	100

G. Sourcewise generation (MU)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	476	1159	405	529	14	2583	73
Lignite	26	11	29	0	0	66	2
Hydro	134	42	102	60	14	351	10
Nuclear	27	33	69	0	0	130	4
Gas, Naptha & Diesel	16	12	8	0	30	66	2
RES (Wind, Solar, Biomass & Others)	81	99	143	5	0	329	9
Total	761	1355	757	594	58	3525	100
Share of RES in total generation (%)	10.69	7.31	18.95	0.76	0.42	9.32	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	31.85	12.84	41.55	10.83	24.88	22.97	

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.035
Based on State Max Demands	1.063

[|] Dissect on State Max Definances | 1,005 |
| 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: 16-Nov-2021

Sl		** ** **	N. 6.01 II		14 n		Date of Reporting:	16-Nov-2021
No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/	Export of ER (V)	ALIPURDUAR-AGRA			500	0.0	6.6	-6.6
2	HVDC	PUSAULI B/B	-	Ů	249	0.0	6.0	-6.0
3	765 kV	GAYA-VARANASI	2	106	845	0.0	8.7	-8.7
5		SASARAM-FATEHPUR GAYA-BALIA	1	0	706 435	0.0	9.4 8.3	-9.4 -8.3
6		PUSAULI-VARANASI	1	0	136	0.0	2.3	-2.3
7	400 kV	PUSAULI -ALLAHABAD	1	0	209	0.0	3.5	-3.5
8		MUZAFFARPUR-GORAKHPUR	2	0	876	0.0	14.5	-14.5
9 10		PATNA-BALIA	4	0	1023 506	0.0	16.9 7.2	-16.9 -7.2
11		BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR	2	0	470	0.0	7.8	-7.2
12		BIHARSHARIFF-VARANASI	2	ő	403	0.0	4.4	-4.4
13		PUSAULI-SAHUPURI	1	9	87	0.0	0.7	-0.7
14		SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15 16		GARWAH-RIHAND KARMANASA-SAHUPURI	<u> </u>	25	0	0.3	0.0	0.3
17		KARMANASA-CHANDAULI	i	Ŏ	0	0.0	0.0	0.0
					ER-NR	0.4	96.0	-95.6
	Export of ER (V			240	1102	0.0	120	12.0
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	340	1182	0.0	13.0	-13.0
2		NEW RANCHI-DHARAMJAIGARH	2	235	810	0.0	6.5 7.4	-6.5
3	765 kV	JHARSUGUDA-DURG	2	0	434	0.0		-7.4
4		JHARSUGUDA-RAIGARH	4	27	426	0.0	4.9	-4.9
5		RANCHI-SIPAT	2	88	237	0.0	1.6	-1.6
6		BUDHIPADAR-RAIGARH	1	51	54	0.0	0.0	0.0
7	220 kV	BUDHIPADAR-KORBA	2	142	0	1.8	0.0	1.8
Import	Export of ER (V	Vith SR)			ER-WR	1.8	33.4	-31.6
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	556	0.0	12.6	-12.6
2	HVDC	TALCHER-KOLAR BIPOLE	2	ő	1636	0.0	35.0	-35.0
3		ANGUL-SRIKAKULAM	2	0	3030	0.0	45.3	-45.3
5	400 kV	TALCHER-I/C	2	501	581	0.6	0.0	0.6
-	220 kV	BALIMELA-UPPER-SILERRU	1 1	2	0 ER-SR	0.0	92.9	0.0 -92.9
Import	Export of ER (V	Vith NER)			EK-3K	U.U	7447	74.7
1	400 kV	BINAGURI-BONGAIGAON	2	95	186	0.0	1.5	-1.5
2	400 kV	ALIPURDUAR-BONGAIGAON	2	237	137	0.0	0.1	-0.1
3	220 kV	ALIPURDUAR-SALAKATI	2	21	46 ER-NER	0.0	0.3 2.0	-0.3
Import	Export of NER	(With NR)			EK-NEK	0.0	2.0	-2.0
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	504	0.0	12.1	-12.1
					NER-NR	0.0	12.1	-12.1
	Export of WR (2539	0.0	21.4	21.4
2	HVDC HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0 362	2539	0.0 4.8	31.4 0.0	-31.4 4.8
3	HVDC	MUNDRA-MOHINDERGARH	2	0	0	0.0	0.0	0.0
4		GWALIOR-AGRA	2	Ŏ	1916	0.0	32.2	-32.2
5		GWALIOR-PHAGI	2	0	2383	0.0	38.5	-38.5
6		JABALPUR-ORAI	2	1274	604	0.0	18.8 0.0	-18.8
8		GWALIOR-ORAI SATNA-ORAI	1	1374	0 825	25.1 0.0	17.5	25.1 -17.5
9	765 kV	BANASKANTHA-CHITORGARH	2		0	25.4	0.0	
10	765 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI	2 2	1419 0	0 2206	25.4 0.0	0.0 37.6	25.4 -37.6
10 11	765 kV 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI	1	1419 0 298	0 2206 0	25.4 0.0 5.6	0.0 37.6 0.0	25.4 -37.6 5.6
10 11 12	765 kV 400 kV 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL		1419 0 298 381	0 2206 0 0	25.4 0.0 5.6 6.0	0.0 37.6 0.0 0.0	25.4 -37.6 5.6 6.0
10 11 12 13	765 kV 400 kV 400 kV 400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	1419 0 298 381 978	0 2206 0 0	25.4 0.0 5.6 6.0 21.9	0.0 37.6 0.0 0.0 0.0	25.4 -37.6 5.6 6.0 21.9
10 11 12	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1 1 1	1419 0 298 381 978 222 149	0 2206 0 0 0 325 39	25.4 0.0 5.6 6.0 21.9 0.8 1.1	0.0 37.6 0.0 0.0 0.0 1.5 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0
10 11 12 13 14 15 16	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 1 1 2	1419 0 298 381 978 222 149 0	0 2206 0 0 0 325 39 30	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2	0.0 37.6 0.0 0.0 0.0 1.5 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6
10 11 12 13 14 15 16 17	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURALYA	1 1 1 2	1419 0 298 381 978 222 149 0	0 2206 0 0 0 325 39 30	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2	0.0 37.6 0.0 0.0 0.0 1.5 0.0 0.8 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6
10 11 12 13 14 15 16 17 18	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPÜR BHANPÜRA-RANPÜR BHANPÜRA-MORAK MEHGAON-AÜRALYA MALANPÜR-AÜRALYA	1 1 1 2 2 1 1 1	1419 0 298 381 978 222 149 0 128 92	0 2206 0 0 0 325 39 30 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2	0.0 37.6 0.0 0.0 0.0 1.5 0.0 0.8 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9
10 11 12 13 14 15 16 17	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1 2	1419 0 298 381 978 222 149 0	0 2206 0 0 0 325 39 30	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2	0.0 37.6 0.0 0.0 0.0 1.5 0.0 0.8 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6
10 11 12 13 14 15 16 17 18 19 20	765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	1 1 1 2 1 1 1 1	1419 0 298 381 978 222 149 0 128 92	0 2206 0 0 0 325 39 30 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0	0.0 37.6 0.0 0.0 0.0 1.5 0.0 0.8 0.0 0.0	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0
10 11 12 13 14 15 16 17 18 19 20	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 1 1 2 1 1 1 1 1 1 2	1419 0 298 381 978 222 149 0 128 92 0	0 2206 0 0 0 325 39 30 0 0 0 WR-NR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0 0.0 94.0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0
10 11 12 13 14 15 16 17 18 19 20	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SH	1 1 1 2 1 1 1 1 1 1 2 2 1 1 2 2 2 2 1 1 2	1419 0 298 381 978 222 149 0 128 92 0	0 2206 0 0 0 325 39 30 0 0 WR-NR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0 94.0	0.0 37.6 0.0 0.0 0.0 1.5 0.0 0.8 0.0 0.0 0.0 0.0 178.5	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 Import	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 1 1 2 1 1 1 1 1 1 2	1419 0 298 381 978 222 149 0 128 92 0 0	0 2206 0 0 0 325 39 30 0 0 WR-NR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 94.0 2.4	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC HVDC 765 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-BAPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWAIT B/B RAIGARH-PUGALUR	1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2	1419 0 298 381 978 222 149 0 128 92 0	0 2206 0 0 0 325 39 30 0 0 WR-NR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0 94.0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 150 kV 160 kV 170 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIB SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 2	1419 0 298 381 978 222 149 0 128 92 0 0 1738 1596 251 1114	0 2206 0 0 0 325 39 30 0 0 WR-NR	25,4 0,0 5,6 6,0 21,9 0,8 1,1 0,2 1,2 1,9 0,0 94,0 0,0 2,4 0,0 0,1 15,4	0.0 37.6 0.0 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 0.0 178.5	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 -84.5 0.0 2.4 0.0 -19.9 15.3
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 200 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 CE 150 KV 150 KV 160 KV 176 KV 177 KV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	1419 0 298 381 978 222 149 0 128 92 0 0 0 0 1738 1596 251 1114 0	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 2.4 0.0 0.1 15.4	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 2	1419 0 298 381 978 222 149 0 128 92 0 0 1738 1596 251 1114 0 0	0 2206 0 0 0 325 39 30 0 0 0 WR-NR 8 8 605 2432 2397 1449 0 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0	0.0 37.6 0.0 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 0.0 178.5	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 -84.5 0.0 -19.9 15.3 0.0
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2	1419 0 298 381 978 222 149 0 128 92 0 0 0 0 1738 1596 251 1114 0	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 2.4 0.0 0.1 15.4	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419 0 298 381 978 222 149 0 128 92 0 0 1738 1596 251 1114 0 0 0	0 2206 0 0 0 0 325 329 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 bC 155 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGAHAPUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419 0 298 381 978 222 149 0 128 92 0 0 1738 1738 1596 0 0 CHANGES	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR	25.4 0.0 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 94.0 0.0 1.5.4 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 0.0 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 -0.8 4.5 0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	1419 0 298 381 978 222 149 0 128 92 0 0 1738 1596 251 1114 0 0 0 CHANGES	0 2206 0 0 0 0 325 329 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 -19.9 15.3 0.0 2.0 -0.2 +ve)/Export(-ve)
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 bC 155 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WAHANAWA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SHANDHARANASH BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD 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	1419 0 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 251 1114 0 0 0 0 CHANGES Name	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 LV 765 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGAHAPUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419 0 0 0 0 0 0 0 0 0	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR	25.4 0.0 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 94.0 0.0 1.5.4 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 0.0 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 2.4 -19.9 15.3 0.0 0.0 -2.4 -19.9 -19.
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 LV 765 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SIRUJALPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RÜRAÜYA GWALIOR-SAWAI MADHOPÜR RAJGHAT-LALITPÜR WIG SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PÜGALÜR SOLAPÜR-RAICHÜR WARDHA-NIZAMABAD KOLHAPÜR-CHIKODI PONDA-AMBEWADI IN Region ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419 0 0 298 381 978 222 149 0 128 92 0 0 1738 1596 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p18 low)W) [7811,24 (& 400 kV)]	0 2206 0 0 0 325 39 30 0 0 0 WR-NR 8 8 605 2432 2397 149 0 105 WR-SR	25,4 0,0 0,0 5,6 6,0 0,8 1,1 0,2 1,9 0,0 0,0 0,0 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 1,1 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	0.0 37.6 0.0 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 0.0 178.5	25.4 -37.6 5.6 6.0 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 2.0 0.0 2.0 (MII) 4.4
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 LV 765 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WAHANAWA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SHANDHARANASH BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region		1419 0 0 0 0 0 0 0 0 0	0 2206 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 2.4 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 LV 765 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SIRUJALPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RÜRAÜYA GWALIOR-SAWAI MADHOPÜR RAJGHAT-LALITPÜR WIG SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PÜGALÜR SOLAPÜR-RAICHÜR WARDHA-NIZAMABAD KOLHAPÜR-CHIKODI PONDA-AMBEWADI IN Region ER	1	1419 0 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 0 0 CHANGES Name U-ALIPURDUAR ARECEIPT (from P180MW) 1781 L,24 (6.400kV	0 2206 0 0 0 325 39 30 0 0 0 WR-NR 8 8 605 2432 2397 149 0 105 WR-SR	25,4 0,0 0,0 5,6 6,0 0,8 1,1 0,2 1,9 0,0 0,0 0,0 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 1,1 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	0.0 37.6 0.0 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 0.0 178.5	25.4 -37.6 5.6 6.0 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 2.0 0.0 2.0 (MII) 4.4
10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 1 3 4 4 5 6 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 LV 765 kV 765 kV 220 kV 22	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SIRUJALPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RANPÜR BHANPÜRA-RÜRAÜYA GWALIOR-SAWAI MADHOPÜR RAJGHAT-LALITPÜR WIG SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PÜGALÜR SOLAPÜR-RAICHÜR WARDHA-NIZAMABAD KOLHAPÜR-CHIKODI PONDA-AMBEWADI IN Region ER	1	1419 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 0 0 1738 1596 0 0 CHANGES Name 0 CHANGES Name 1811,24 (64 400kV Rt) i.e. BINAGURI (interpretate) (inte	0 2206 0 0 0 325 39 30 0 0 0 WR-NR 8 8 605 2432 2397 149 0 105 WR-SR	25,4 0,0 0,0 5,6 6,0 0,8 1,1 0,2 1,9 0,0 0,0 0,0 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 15,4 0,0 0,0 1,1 1,1 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	0.0 37.6 0.0 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 0.0 178.5	25.4 -37.6 5.6 6.0 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 2.0 0.0 2.0 (MII) 4.4
10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 1 3 4 4 5 6 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WARAHYA MALANPURA-WARAHYA MALANPURA-WARAHYA MBHADHAR-AURAHYA WISH SHADHAR-WARAHYA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 0 0 1738 1596 0 0 CHANGES Name 0 CHANGES Name 1811,24 (64 400kV Rt) i.e. BINAGURI (interpretate) (inte	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR Max (MW) 211	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4
10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 1 3 4 4 5 6 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA SWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WITH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION ER ER	1	1419 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 0 0 1738 1596 0 0 CHANGES Name 0 CHANGES Name 181124 0 0 0 0 CHANGES Name 0 0 0 CHANGES Name 0 0 0 0 CHANGES Name 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2206 0 0 0 0 0 325 39 30 0 0 0 0 WR-NR 8 605 2432 2397 149 0 105 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0 94.0 94.0 94.0 94.0 95.0 96.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4
10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 1 3 4 4 5 6 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WARAHYA MALANPURA-WARAHYA MALANPURA-WARAHYA MBHADHAR-AURAHYA WISH SHADHAR-WARAHYA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	1419 0 298 381 381 978 222 149 0 128 92 0 0 1738 1596 0 0 1738 1596 0 0 CHANGES Name 0 CHANGES Name 181124 0 0 0 0 CHANGES Name 0 0 0 CHANGES Name 0 0 0 0 CHANGES Name 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR Max (MW) 211	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 0.1 0.1 15.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4
10 11 12 13 14 15 16 17 18 19 20 1 1 19 20 2 3 4 5 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA 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 ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR Max (MW) 211 434	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 0.1 15.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 -19.9 15.3 0.0 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4 10.2
10 11 12 13 14 15 16 17 18 19 20 1 1 19 20 2 3 4 5 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA SWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WITH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION ER ER	1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 0 WR-NR 8 605 2432 2397 149 0 105 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.2 1.9 0.0 94.0 94.0 94.0 94.0 95.0 96.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 15.3 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4
10 11 12 13 14 15 16 17 18 19 20 1 1 19 20 2 3 4 5 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA 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 ER	1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR Max (MW) 211 434	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 0.1 15.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 -19.9 15.3 0.0 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4 10.2
10 11 12 13 14 15 16 17 18 19 20 1 1 19 20 2 3 4 5 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA 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 ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 WR-SR Max (MW) 211 434	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.1 0.1 15.4 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 -0.0 0.0 0.0 -3.4 -0.0 -1.9 -0.0 -1.9 -0.0 -1.9 -0.0 -1.9 -0.0 -1.9 -0.0 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9
10 11 12 13 14 15 16 17 18 19 20 1 1 19 20 2 3 4 5 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR WITH STATEMENT SHARE	1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR Max (MW) 211 434 88	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 0.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 424 0.0 0.1 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 -5.6 -6.0 -21.9 -0.7 -1.0 -0.6 -1.2 -1.9 -0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 11 12 23 3 4 5 6 7 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIS SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 105 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 19.9 Min (MW) 0 424 0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 -0.0 0.0 -0.0 -1.9 -0.0 -1.9 -0.0 -0.0 -1.9 -0.0 -1.9 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
10 11 12 13 14 15 16 17 18 19 20 11 12 23 3 4 5 6 7 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR WITH STATEMENT SHARE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR Max (MW) 211 434 88	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 94.0 0.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 0.1 15.4 0.0 0.0 0.0 424 0.0 0.1 5.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 37.6 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	25.4 -37.6 -5.6 -6.0 -21.9 -0.7 -1.0 -0.6 -1.2 -1.9 -0.0 -84.5
10 11 12 13 14 15 16 17 18 19 20 11 12 23 3 4 5 6 7 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-LURATYA MALANPURA-URATYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR Max (MW) 211 434 88 10 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 5.4 0.0 0.1 5.4 0.0 0.5 0.1 5.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 37.6 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	25.4 -37.6 -5.6 -6.0 -6.0 -1.0 -4.0.7 -1.0 -9.6 -1.2 -1.9 -0.0 -9.0 -9.0 -9.0 -9.0 -9.0 -9.0 -9
10 11 12 13 14 15 16 17 18 19 20 11 12 2 3 3 4 5 6 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIS SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER	TERNATIONAL EX 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 105 WR-SR	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 19.9 Min (MW) 0 424 0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 -0.0 0.0 -0.0 -1.9 -0.0 -1.9 -0.0 -0.0 -1.9 -0.0 -1.9 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
10 11 12 13 14 15 16 17 18 19 20 1 1 12 2 3 3 4 5 6 7 7 8	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-LURATYA MALANPURA-URATYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR Max (MW) 211 434 88 10 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 5.4 0.0 0.1 5.4 0.0 0.5 0.1 5.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 -19.9 15.3 0.0 0.0 2.4 -19.9 15.3 0.0 1.2 1.3 1.3 0.1 10.2 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
10 11 12 13 14 15 16 17 18 19 20 10 10 10 10 10 10 10 10 10 10 10 10 10	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-LURATYA MALANPURA-URATYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 0 105 WR-SR Max (MW) 211 434 88 10 0	25.4 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 15.4 0.0 0.1 5.4 0.0 0.1 5.4 0.0 0.5 0.1 5.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 37.6 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	25.4 -37.6 5.6 6.0 21.9 -0.7 1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 -19.9 15.3 0.0 0.0 2.4 0.0 1.2 1.9 15.3 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
10 11 12 13 14 15 16 17 18 19 20 10 10 10 10 10 10 10 10 10 10 10 10 10	765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 16 HVDC HVDC HVDC HVDC HVDC HVDC HVDC 165 kV 1765 k	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-RUNGI KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1419	0 2206 0 0 0 0 0 0 325 39 30 0 0 0 WR-NR 8 605 2432 2397 149 0 105 WR-SR Max (MW) 211 434 88 10 0 0 97	25.4 0.0 0.0 5.6 6.0 21.9 0.8 1.1 0.2 1.9 0.0 0.0 0.0 94.0 0.0 2.4 0.0 0.1 15.4 0.0 0.0 19.9 Min (MW) 0 424 0 0 424	0.0 37.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25.4 -37.6 5.6 6.0 21.9 -0.7 -1.0 -0.6 1.2 1.9 0.0 0.0 -84.5 0.0 2.4 0.0 0.0 -19.9 15.3 0.0 0.0 2.0 -0.2 +ve)/Export(-ve) Energy Exchange (MII) 4.4 10.2 1.3 0.1 0.2 0.0 0.0 1.6
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