

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

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दिनांक: 17th July 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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

- 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 16.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-जुलाई-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 16th July 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: 17-Jul-2021 NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) 66521 50566 37752 24090 2895 181824 Peak Shortage (MW) 702 0 0 0 0 702 870 Energy Met (MU) 542 1544 1186 55 4198 Hydro Gen (MU) 381 111 140 32 183 173 14.36 Wind Gen (MU) Solar Gen (MU)* 53.01 5.19 Energy Shortage (MU) 13.82 0.50 0.00 0.000.04 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 70796 50597 42057 24727 2904 184571 Time Of Maximum Demand Met (From NLDC SCADA) 23:46 11:17 09:42 23:31 20:14 B. Frequency Profile (%) Region All India 49.9 - 50.05 79.55 FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 > 50.05 0.041 11.41 0.07 10.22 C. Power Supply Position in States Max.Demand Drawal Shortage during Energy Met Energy Region States Met during the Schedule Shortage maximum (MU) (MU) (MW) day(MW) Demand(MW) (MU) (MU) 291.6 75 Punjab 12715 180.8 -1.1 4.11 Haryana 10058 208.3 163.9 0.40 793 Rajasthan 12229 269.2 88.6 3.3 3.36 6313 114.4 215 Delhi -1.3 NR UP 24795 170 504.7 228.1 16.3 0.2 456 2.50 Uttarakhand 2098 46.9 0.6 0.00 HP 1576 47.1 -2.6 -3.4 0 0.00 J&K(UT) & Ladakh(UT) 2251 43.8 109 -4.2 3.45 Chandigarh 350 6.8 6.3 0.5 0.00 113.2 4748 0.4 Chhattisgarh 0.50 Gujarat 15866 346.0 174.8 502 0.00 10817 248.8 155.7 MP 0 2.2 658 0.00WR Maharashtra 18788 0 421.5 141.3 0.00 Goa 542 12.4 10.7 1.1 0.00 DNH 808 18.7 18.7 0.0 51 0.00 AMNSIL 803 18.0 0.0 285 0.00 4.5 Andhra Pradesh 7661 160.2 41.9 0.0 616 0.00 67.3 Telangana 8890 173. 0.4 392 0.00 -1.9 33.3 SR Karnataka 8573 159.2 -1.1 540 0.00 3198 Kerala 66.1 -0.8 197 0.00 Tamil Nadu 13758 302.9 158.3 1.8 1442 0.00 401 8.8 125.0 -0.1 Puducherry 0 8.7 30 0.00 Bihar 6627 132.9 0.3 0.00 DVC 3190 68.0 -45.7 -0.5 314 0.00 Jharkhand 1403 23.9 163 ER Odisha 5956 119.6 45.9 0.4 434 0.00 West Bengal 9245 190.0 59.9 0.4 416 0.00 Sikkim 83 1.4 1.6 -0.2 21 0.00 Arunachal Pradesh 2.5 134 0 2.3 -0.2 21 0.01 Assam 1879 36.0 29.5 0.7 128 0.00 Manipur 204 2.5 2.6 -0.142 0.01 NER Meghalaya 5.7 0.9 0.1 0.00 101 1.6 1.5 0.01 Mizoram 0 Nagaland 132 0.0 17 0.01 4.9 Tripura 0.00 D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan Nepal Bangladesh Actual (MU) $E.\ Import/Export\ by\ Regions\ (in\ MU)\ -\ Import(+ve)/Export(-ve);\ OD(+)/UD(-)$ NR WR SR ER NER TOTAL 356.0 354.7 -207.0 -200.3 -48.1 -53.2 -96.1 -101.6 -4.8 Actual(MU) O/D/U/D(MU) -6.8

F. Generation Outage(MW)

Central Sector

State Sector	8020	18543	9078	3855	11	39507	57
Total	12927	32916	16960	6195	633	69631	100
G. Sourcewise generation (MU)							
G. Sourcewise generation (MC)	NR	WR	CD	ER	NER	All India	% Share
Coal	671	1213	496	522	NEK 12	2925	% Share
Lignite	25	9	45	0	0	79	2
Hydro	381	32	111	140	31	695	16

4907

WR 14373

Nuclear	30	32	41	0	0	103	2
Gas, Naptha & Diesel	29	31	11	0	22	93	2
RES (Wind, Solar, Biomass & Others)	83	87	233	5	0	409	9
Total	1218	1404	937	678	67	4303	100
							·
Share of RES in total generation (%)	6.83	6.22	24.83	0.77	0.31	9.49	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	40.51	10.80	41.09	21.48	46.71	28.05	

H. All India Demand Diversity Factor

11 111 India Bendina Biversity Tuctor	
Based on Regional Max Demands	1.035
Based on State Max Demands	1.068

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.

% Share

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 17-Jul-2021

Sl	Voltege I1	I ina Dataile	No of Circuit	May Impart Atten	Max Export (MW)	Import (MII)	Date of Reporting: Export (MU)	17-Jul-2021 NET (MU)
No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	мах ехрогі (МW)	Import (MU)	Zaport (MU)	MEI (MU)
	rt/Export of ER (With NR) ALIPURDUAR-AGRA	2	0	1505	0.0	26.6	26.6
2		PUSAULI B/B		0	1505 247	0.0	6.0	-26.6 -6.0
3		GAYA-VARANASI	2	Ö	668	0.0	10.8	-10.8
4	765 kV	SASARAM-FATEHPUR	1	168	92	1.2	0.0	1.2
5	765 kV	GAYA-BALIA	1	0	580	0.0	10.6	-10.6
7		PUSAULI-VARANASI PUSAULI - ALI AHARAD	1	0	238	0.0	4.8 0.9	-4.8
8		PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	2.	0	88 585	0.0	10.2	-0.9 -10.2
9		PATNA-BALIA	4	Ŏ	1023	0.0	18.3	-18.3
10	400 kV	BIHARSHARIFF-BALIA	2	0	340	0.0	5.9	-5.9
11	400 kV	MOTIHARI-GORAKHPUR	2	0	421	0.0	7.1	-7.1
12		BIHARSHARIFF-VARANASI	2	0	180	0.0	2.3	-2.3
13		PUSAULI-SAHUPURI	1	26	152	0.0	2.0	-2.0
14 15	132 kV 132 kV	SONE NAGAR-RIHAND GARWAH-RIHAND	1	0	0	0.0	0.0	0.0
16		KARMANASA-SAHUPURI	1	20	0	0.6 0.0	0.0	0.6 0.0
17		KARMANASA-CHANDAULI	i	0	0	0.0	0.0	0.0
			•		ER-NR	1.8	105.5	-103.7
Impor	rt/Export of ER (With WR)						
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	371	1170	0.0	9.3	-9.3
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1734	0	30.3	0.0	30.3
3	765 kV	JHARSUGUDA-DURG	2	66	111	0.0	0.3	-0.3
4		JHARSUGUDA-RAIGARH	4	0	384	0.0	5.6	-5.6
5		RANCHI-SIPAT	2	414	0	7.1	0.0	7.1
-								
6		BUDHIPADAR-RAIGARH	1	0	143	0.0	2.4	-2.4
7	220 kV	BUDHIPADAR-KORBA	2	93	0	1.2	0.0	1.2
T	-4/E err :	Val. CD)			ER-WR	38.5	17.6	20.9
Impor	rt/Export of ER (1 1	244	Δ.	۷1	0.0	Z 1
2		JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	2 2	246	0 1653	6.1 0.0	35.5	6.1 -35.5
3		ANGUL-SRIKAKULAM	2	0	2048	0.0	27.7	-35.5 -27.7
4		TALCHER-I/C	2	730	0	7.3	0.0	7.3
5		BALIMELA-UPPER-SILERRU	<u>ī</u>	1	0	0.0	0.0	0.0
					ER-SR	6.1	63.2	-57.1
Impor	rt/Export of ER (
1	400 kV	BINAGURI-BONGAIGAON	2	0	274	0.0	4.5	-4.5
2		ALIPURDUAR-BONGAIGAON	2	143	343	0.0	2.5	-2.5
3	220 kV	ALIPURDUAR-SALAKATI	2	0	106 ER-NER	0.0	1.9 8.9	-1.9
Impor	rt/Export of NER	(With NR)			ER-NEK	0.0	0.9	-8.9
1		BISWANATH CHARIALI-AGRA	2	0	703	0.0	16.9	-16.9
	11.120	DIGWINGTH CHIRALIDI HORI			NER-NR	0.0	16.9	-16.9
Impor	rt/Export of WR (With NR)				0.0		1302
1		CHAMPA-KURUKSHETRA	2	0	5047	0.0	75.5	-75.5
2	HVDC	VINDHYACHAL B/B	-	0	253	0.0	2.8	-2.8
3		MUNDRA-MOHINDERGARH	2	0	1914	0.0	36.5	-36.5
4	765 kV	GWALIOR-AGRA	2	0	3054	0.0	53.8	-53.8
5		GWALIOR-PHAGI	2	0	2072	0.0	36.7	-36.7
7	765 kV	JABALPUR-ORAI	2	744	1368	0.0	48.6 0.0	-48.6 9.5
7 8		GWALIOR-ORAI SATNA-ORAI	1 1	744 0	0 1632	9.5 0.0	31.8	-31.8
	/U.S.K.V	SATNA-ORAI			1034			-31.0
0	765 kV	BANASKANTHA-CHITORGARH	2.	1017	140	100	0.0	10.0
9 10		BANASKANTHA-CHITORGARH ZERDA-KANKROLI	1	1017 230	149 21	10.9 3.2	0.0	10.9 3.2
	400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	1 1	1017 230 360	149 21 72	10.9 3.2 4.9		10.9 3.2 4.9
10 11 12	400 kV 400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	1 1 1	230	149 21 72 0	3.2 4.9 22.7	0.0 0.0 0.0	3.2 4.9 22.7
10 11 12 13	400 kV 400 kV 400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 1 1 2	230 360 964 0	21 72 0 660	3.2 4.9 22.7 0.0	0.0 0.0 0.0 7.9	3.2 4.9 22.7 -7.9
10 11 12 13 14	400 kV 400 kV 400 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1	230 360 964 0	21 72 0 660 111	3.2 4.9 22.7 0.0 0.0	0.0 0.0 0.0 7.9	3.2 4.9 22.7 -7.9 -1.4
10 11 12 13 14 15	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK		230 360 964 0 0	21 72 0 660 111 30	3.2 4.9 22.7 0.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8	3.2 4.9 22.7 -7.9 -1.4 -0.7
10 11 12 13 14 15 16	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA	2 1	230 360 964 0 0 0	21 72 0 660 111 30 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3	0.0 0.0 0.0 7.9 1.4 0.8 0.2	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1
10 11 12 13 14 15 16 17	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-AURAHYA MALANPUR-AURAHYA	2 1	230 360 964 0 0 0 104 63	21 72 0 660 111 30 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0
10 11 12 13 14 15 16 17 18	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AUBAHYA GWALIOR-SAWAI MADHOPUR	2 1	230 360 964 0 0 0 104 63	21 72 0 6660 111 30 0 33	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0
10 11 12 13 14 15 16 17	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA	2 1	230 360 964 0 0 0 104 63	21 72 0 660 111 30 0 33 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0
10 11 12 13 14 15 16 17 18	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	2 1	230 360 964 0 0 0 104 63	21 72 0 6660 111 30 0 33	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0
10 11 12 13 14 15 16 17 18	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-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	2 1	230 360 964 0 0 0 104 63	21 72 0 660 111 30 0 33 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0
10 11 12 13 14 15 16 17 18 19	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14(Export of WR (ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR)	2 1	230 360 964 0 0 0 104 63 0	21 72 0 660 111 30 0 33 0 0 WR-NR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 295.9	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 144 kV 155 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	2 1 1 1 1 1 1 2	230 360 964 0 0 0 104 63 0 0 0	21 72 0 660 1111 30 0 33 0 WR-NR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 295.9	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 -243.5 -7.3 24.8 19.6
10 11 12 13 14 15 16 17 18 19 Impor	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV TU/Export of WR (HVDC HVDC TOS kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANDRAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WAHOHA-RAWAI MADHOPUR RAIGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 1 1 1 1 1 1 2	230 360 964 0 0 0 104 63 0 0 0 300 1447 1914 732	21 72 0 660 111 30 0 33 0 0 WR-NR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 1.8	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 295.9	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 -7.3 24.8 19.6 -9.0
10 11 12 13 14 15 16 17 18 19 Impor 1 2 2 3 4	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV 152 kV 155 kV 165 kV 165 kV 160 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 1 1 1 1 1 1 2 2	230 360 964 0 0 0 0 104 63 0 0 0 1447 1914 732 1268	21 72 0 6660 1111 30 0 0 WR-NR 0 0 9 WR-NR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0
10 11 12 13 14 15 16 17 18 19 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 tt/Export of WR (HVDC HVDC HVDC T65 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WHI SR BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WHO SHANDAR B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 1 1 1 2	230 360 964 0 0 0 104 63 0 0 300 1447 1914 732 1268 0	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 295.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 -7.3 24.8 19.6 -9.0 0.0
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAI PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-ANBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1	230 360 964 0 0 0 104 63 0 0 300 1447 1914 732 1268 0	21 72 0 660 111 30 0 33 0 0 WR-NR 0 0 0 1606 0 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 244.8 19.6 -9.0 0.0
10 11 12 13 14 15 16 17 18 19 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 HVDC HVDC 765 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WHI SR BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WHO SHANDAR B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 1 1 1 2 2	230 360 964 0 0 0 104 63 0 0 300 1447 1914 732 1268 0	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1	230 360 964 0 0 0 104 63 0 0 1447 1914 732 1268 0 0	21 72 0 660 111 30 0 33 0 0 WR-NR 0 0 0 1606 0 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 22.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 244.8 19.6 -9.0 20.6 0.0 0.0
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1	230 360 964 0 0 0 104 63 0 0 1447 1914 732 1268 0 0	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 2.243.5 7.3 2.4.8 19.6 -9.0 0.0 0.0 0.0 1.4 -4.40 Export(xe)
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC 765 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1	230 360 964 0 0 0 104 63 0 0 1447 1914 732 1268 0 0	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0 0	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARMAM MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 400KV MANGECHI 400KV MANGECHI	230 360 964 0 0 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name	21 72 0 660 111 30 0 33 0 0 WR-NR 0 0 591 1606 0 0 0 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 0.0 0.0 0.0 1.8 20.6 0.0	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 2.243.5 7.3 2.4.8 19.6 -9.0 0.0 0.0 0.0 1.4 -4.40 Export(xe)
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARMAM MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WISH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400KV MANGDECHI 1,2&3 ic. All PURDU	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name	21 72 0 660 111 30 0 33 0 0 WR-NR 0 0 591 1606 0 0 0 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 0.0 0.0 0.0 1.8 20.6 0.0	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA BHANPUR-AURAIYA WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 400KV MANGDECHI 1,283 ke ALIPHURIP	230 360 964 90 90 0 0 104 63 0 0 300 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MV)	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0 0 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 20.6 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGECHU HEP. 400kV ALAIPUCHU MANGDECHU HEP. 400kV ALAIPUCHU MANGDECHU HEP.	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name 4U-ALIPURDUAR AR RECEIPT (from 4/180MW)	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0	0.0 0.0 0.0 0.0 7.9 1.4 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 Import Avg (MW)	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA BHANPUR-AURAIYA WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 400KV MANGDEUH 1,28A3 (e. DEUH HE) 400KV TALA-BINAGI MALBASE - BINAGI	230 360 964 0 0 0 0 104 63 0 0 300 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*189MW) URI 1,2,4 (& 400K)	21 72 0 660 111 30 0 33 0 WR-NR 0 0 591 1606 0 0 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 4.9 2.2.7 -7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 20.6 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange
10 11 12 13 14 15 16 17 18 19 Impor 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 4 0 6 1 6 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name 4U-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 1,2,4 (8,400kV	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0	0.0 0.0 0.0 0.0 7.9 1.4 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 Import Avg (MW)	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14VDC 14VDC 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 400KV MANGDEUH 1,28A3 (e. DEUH HE) 400KV TALA-BINAGI MALBASE - BINAGI	230 360 360 964 0 0 0 104 63 0 0 300 1447 1732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12,4 (& 400K) URI 12,4 (& 400K) HIS JA (& HORD) URI 12,4 (& 400K) HIS JA (& HORD) URI 12,4 (& 40K) HIS JA (& 40K) HIS	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0 0.0 1.4 75.4	0.0 0.0 0.0 0.0 7.9 1.4 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 Import Avg (MW)	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 -+ve)/Export(-ve) Energy Exchange (MII) 14.7
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 250 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1;2, (48 400kV URI) i.e. BINAGURI AREP (6*170MW) PARA 182 (& 220kV	21 72 0 6660 1111 30 0 33 0 WR-NR 0 0 0 0 591 1606 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 0.0 0.0 0.0 10.8 Import Avg (MW)	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 250 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400kV URI) i.e. BINAGURI AHP (6*170MW) PARA 1&2 (& 220kV Ax) i.e. BIRPAGURI KICHAR HEP 4*84MW)	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0 0.0 1.4 75.4 Min (MW)	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 Importi Avg (MW) 612	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 250 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400kV URI) i.e. BINAGURI AHP (6*170MW) PARA 1&2 (& 220kV Ax) i.e. BIRPAGURI KICHAR HEP 4*84MW)	21 72 0 6660 1111 30 0 33 0 WR-NR 0 0 0 0 591 1606 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0 0.0 1.4 75.4	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 0.0 0.0 0.0 10.8 Import Avg (MW)	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 -+ve)/Export(-ve) Energy Exchange (MII) 14.7
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1	230 360 964 0 0 0 0 104 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400kV URI) i.e. BINAGURI AHP (6*170MW) PARA 1&2 (& 220kV Ax) i.e. BIRPAGURI KICHAR HEP 4*84MW)	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0 0.0 1.4 75.4 Min (MW)	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 Importi Avg (MW) 612	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOL-HAPUR-CHIKODI KOL-HAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER ER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2	230 360 360 964 0 0 0 0 104 63 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400KV) URI 1,2,8 (& 400KV) URI 1,2 (& 400KV) URI 1,2 (& 400KV) URI 1,2 (& 400KV) URI 1,2	21 72 0 6660 1111 30 0 33 3 0 WR-NR 0 0 0 591 1606 0 0 0 74 WR-SR Max (MW) 666	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 20.6 1.8 20.6 0.0 0.0 1.4 75.4	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 0.0 0.0 10.8 Imports Avg (MW) 612	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 1.4 64.6 -+ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1	230 360 360 964 0 0 0 0 104 63 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400KV) URI 1,2,8 (& 400KV) URI 1,2 (& 400KV) URI 1,2 (& 400KV) URI 1,2 (& 400KV) URI 1,2	21 72 0 6660 1111 30 0 0 33 0 0 WR-NR 0 0 591 16006 0 0 0 74 WR-SR	3.2 4.9 22.7 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 0.0 0.0 1.4 75.4 Min (MW)	0.0 0.0 0.0 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 Importi Avg (MW) 612	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	230 360 360 964 0 0 0 0 104 63 0 0 104 63 0 0 1340 1447 732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV URI) Le BINAGURI AURI LE CELEVANI AURI LE BINAGURI AURI LE BINAGUR	21 72 0 6660 1111 30 0 33 0 WR-NR 0 WR-NR 0 0 1023 Max (MW) 666 1023	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 1.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1mports Avg (MW) 612 1023 271	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 1 12 2 3 4 5 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOL-HAPUR-CHIKODI KOL-HAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER ER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX 400KY MANGDECH 1,28A3 LG DECHU HID 4,08A LG DECHU HID 4	230 360 360 964 0 0 0 0 104 63 0 0 104 63 0 0 1340 1447 732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV URI) Le BINAGURI AURI LE CELEVANI AURI LE BINAGURI AURI LE BINAGUR	21 72 0 6660 1111 30 0 33 3 0 WR-NR 0 0 0 591 1606 0 0 0 74 WR-SR Max (MW) 666	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 20.6 1.8 20.6 0.0 0.0 1.4 75.4	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 0.0 0.0 10.8 Imports Avg (MW) 612	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 2.43.5 7.3 2.4.8 19.6 -9.0 2.0.6 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	230 360 360 964 0 0 0 0 104 63 0 0 104 63 0 0 1340 1447 732 1268 0 0 0 CCHANGES Name HU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV URI) Le BINAGURI AURI LE CELEVANI AURI LE BINAGURI AURI LE BINAGUR	21 72 0 6660 1111 30 0 33 0 WR-NR 0 WR-NR 0 0 1023 Max (MW) 666 1023	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 1.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1mports Avg (MW) 612 1023 271	3.2 4.9 22.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1	230 360 360 964 0 0 0 104 0 104 63 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180AW) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K	21 72 0 6660 1111 30 0 33 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 29.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 2.43 2.43 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MIT) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 1 12 2 3 4 5 7 8	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 200 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX 400KY MANGDECH 1,28A3 LG DECHU HID 4,08A LG DECHU HID 4	230 360 360 964 0 0 0 104 0 104 63 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180AW) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K	21 72 0 6660 1111 30 0 33 0 WR-NR 0 WR-NR 0 0 1023 Max (MW) 666 1023	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 1.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1mports Avg (MW) 612 1023 271	3.2 4.9 2.2.7 7.9 1.4 0.7 0.1 1.0 0.0 0.0 0.0 2.24.3.5 7.3 2.4.8 19.6 9.0 0.0 1.4 4.6 4.6 4-ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 1 12 2 3 4 5 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 10,2k3 AL ALIPURBU MANGDECHH HEP- 400kV TALABINAGI MALBASE - BINAGI 132kV MANGDECHH 132kV GHURH 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FE	230 360 360 964 0 0 0 0 104 104 63 0 109 104 104 104 104 104 109 109 109 11447 109 11447 109 109 109 109 109 109 109 109 109 109	21 72 0 6660 1111 30 0 33 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 29.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1	3.2 4.9 2.2.7 7.7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 2.243.5 7.3 2.4.8 19.6 -9.0 0.0 0.0 1.4 -1.4 -1.4 -1.4 -1.4
10 11 12 13 14 15 16 17 18 19 1 1 12 2 3 4 5 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-RAIGHUR WARDHANIZAMABAD KOLLAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 10,2k3 AL ALIPURBU MANGDECHH HEP- 400kV TALABINAGI MALBASE - BINAGI 132kV MANGDECHH 132kV GHURH 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FE	230 360 360 964 0 0 0 104 0 104 63 0 0 104 63 0 0 1447 1914 732 1268 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180AW) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K	21 72 0 6660 1111 30 0 33 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 52.4 7.3 24.8 29.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023	0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 -243.5 7.3 2.43 2.43 19.6 -9.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MIT) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER NER NER	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 10,2k3 AL ALIPURBU MANGDECHH HEP- 400kV TALABINAGI MALBASE - BINAGI 132kV MANGDECHH 132kV GHURH 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FE	230 360 360 964 0 0 0 0 104 104 63 0 109 104 104 104 104 104 109 109 109 11447 109 11447 109 109 109 109 109 109 109 109 109 109	21 72 0 6660 1111 30 0 33 0 0 WR-NR 0 0 9 591 16006 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.0 0.3 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 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8 6.5
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BINIMAL VINDIPYACHAL-RIHAND RAPP-SHUJAI-PUR BHANPURA-MORAK MEHGAON-AURAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER NE	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	230 360 360 964 0 0 0 104 0 104 63 0 0 1447 1914 732 1268 0 0 0 1447 732 1268 0 0 0 CCHANGES Name 810-ALIPURDUAR AR RECEIPT (from 44180MW) URI 1,24 (& 400kV CRI) ARRIVE (BERNARA (& 100k) CRI) KICHARRARA (& 100k) CRI (A)	21 72 0 6660 1111 30 0 0 33 30 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76 -126	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023 0 -1 -67	0.0 0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8	3.2 4.9 2.2.7 7.9 -1.4 -0.7 -0.1 1.0 0.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MU) 14.7 24.8 6.5 0.6 1.1 -1.4 -0.6
10 11 12 13 14 15 16 17 18 19 1 12 2 3 4 5 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER NER NER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	230 360 360 964 0 0 0 0 104 104 63 0 109 104 104 104 104 104 109 109 109 11447 109 11447 109 109 109 109 109 109 109 109 109 109	21 72 0 6660 1111 30 0 33 0 0 WR-NR 0 0 9 591 16006 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.0 0.3 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 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 1	3.2 4.9 2.2.7 7.9 -1.4 -0.7 0.1 1.0 0.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MII) 14.7 24.8 6.5
10 11 12 12 13 14 15 16 17 18 19 1 19 1 1 2 3 4 4 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV 15	ZERDA-KANKROLI ZERDA-BINIMAL VINDIPYACHAL-RIHAND RAPP-SHUJAI-PUR BHANPURA-MORAK MEHGAON-AURAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER NE	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 41,02k3 Ale. ALIPURDU MANGDECHI HEP- 400kV TALS AINAGI MALBASE - BINAGI	230 360 360 964 0 0 0 0 0 104 63 0 0 104 63 0 0 1300 1447 732 1268 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from 49180MW) URI 12.4 (8 400KV URI) i.e. BINAGURI ALIPURDUAR AR HEP (6*) 170MW) HEP (6*) 170MW HEP (6*) 180MW HEP (6*) 180MW HEP (6*) 180MW HER HER HEP 180MW HER HER HEP 180MW HER	21 72 0 6660 1111 30 0 0 33 30 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76 -126	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023 0 -1 -67	0.0 0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8	3.2 4.9 2.2.7 7.9 -1.4 -0.7 -0.1 1.0 0.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MU) 14.7 24.8 6.5 0.6 1.1 -1.4 -0.6
10 11 12 12 13 14 15 16 17 18 19 1 19 1 1 2 3 4 4 5 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 765 kV 400 kV 220 kV 220 kV 565 kV 5765 kV 220 kV 220 kV 220 kV 220 kV 365 kV 3	ZERDA-KANKROLI ZERDA-BINIMAL VINDIPYACHAL-RIHAND RAPP-SHUJAI-PUR BHANPURA-MORAK MEHGAON-AURAYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER NER NE	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1	230 360 360 964 0 0 0 0 0 104 63 0 0 104 63 0 0 1300 1447 732 1268 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from 49180MW) URI 12.4 (8 400KV URI) i.e. BINAGURI ALIPURDUAR AR HEP (6*) 170MW) HEP (6*) 170MW HEP (6*) 180MW HEP (6*) 180MW HEP (6*) 180MW HER HER HEP 180MW HER HER HEP 180MW HER	21 72 0 6660 1111 30 0 0 33 30 0 WR-NR 0 0 0 591 1606 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76 -126	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.3 1.0 0.0 0.0 0.0 52.4 7.3 24.8 19.6 1.8 20.6 0.0 0.0 1.4 75.4 Min (MW) 0 1023 0 -1 -67	0.0 0.0 0.0 0.0 7.9 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8	3.2 4.9 2.2.7 7.9 -1.4 -0.7 -0.1 1.0 0.0 0.0 0.0 0.0 -243.5 7.3 24.8 19.6 -9.0 0.0 0.0 0.0 1.4 64.6 +ve)/Export(-ve) Energy Exchange (MU) 14.7 24.8 6.5 0.6 1.1 -1.4 -0.6
10 11 12 12 13 14 15 16 16 17 18 19 19 11 2 3 4 5 6 6 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 150 kV 15	ZERDA-KANKROLI ZERDA-SHINMAL VINDIPYACHAL -RHAND RAPP-SHUJAI PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN REGION ER ER ER NER NER NER NER ER ER	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 41,02k3 Ale. ALIPURDU MANGDECHI HEP- 400kV TALS AINAGI MALBASE - BINAGI	230 360 360 964 0 0 0 0 0 104 63 0 0 104 63 0 0 1300 1447 732 1268 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from 49180MW) URI 12.4 (8 400KV URI) i.e. BINAGURI ALIPURDUAR AR HEP (6*) 170MW) HEP (6*) 170MW HEP (6*) 180MW HEP (6*) 180MW HEP (6*) 180MW HER HER HEP 180MW HER HER HEP 180MW HER	21 72 0 6660 1111 30 0 33 0 0 WR-NR 0 0 9 591 16006 0 0 0 74 WR-SR Max (MW) 666 1023 307 31 58 -76 -126	3.2 4.9 2.2.7 0.0 0.0 0.0 0.0 0.0 0.3 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 7.9 1.4 1.4 0.8 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 10.8 Imports Avg (MW) 612 1023 271 26 45 -57 -24 -178	3.2 4.9 2.2.7 7.9 1.4 0.7 0.1 1.0 0.0 0.0 0.0 0.0 2.24.3.5 7.3 2.4.8 19.6 9.0 0.0 1.4 4.6 4.6 4.6 4.7 2.4.8 6.5 0.6 1.1 -1.4 -0.6