

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

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

दिनांक: 16th July 2022

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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

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

Sub: Daily PSP Report for the date 15.07.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-२०१० की धारा स.-५.५.१ के प्रावधान के अनुसार, दिनांक १५-जुलाई-२०२२ की अखिल भारतीय प्रणाली की

दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 July 2022, 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 20:00 hrs; from RLDCs)	62654	48930	41071	24347	3314	180316
Peak Shortage (MW)	0	0	0	534	0	534
Energy Met (MU)	1423	1098	931	550	67	4068
Hydro Gen (MU)	362	47	131	116	31	688
Wind Gen (MU)	32	102	266	-	-	400
Solar Gen (MU)*	73.57	32.21	87.88	4.57	0.72	199
Energy Shortage (MU)	1.64	0.00	0.00	7.67	0.00	9.31
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	68011	48930	44311	25048	3315	181148
Time Of Maximum Demand Met (From NLDC SCADA)	23:01	20:00	09:50	23:30	19:49	20:07

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	0.068	0.50	3.33	11.19	15.02	70.96	14.01
C. Power Suppl	ly Position in States						

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	(1410)	(MU)	(1410)	(141 44.)	(MU)
	Punjab	10332	0	229.4	155.4	-4.9	68	0.00
	Haryana	9776	0	203.6	152.2	1.1	270	0.01
	Rajasthan	10094	0	217.7	50.6	-5.0	120	0.31
	Delhi	6773	0	129.4	124.1	-6.8	316	0.00
NR	UP	25951	0	508.8	233.8	0.8	790	0.12
	Uttarakhand	2259	0	49.4	27.1	0.6	116	1.20
	HP	1583	0	30.8	-5.7	-0.5	139	0.00
	J&K(UT) & Ladakh(UT)	1451	0	47.0	27.4	-5.9	125	0.00
	Chandigarh	353	0	6.8	6.9	-0.1	65	0.00
	Chhattisgarh	3843	0	91.1	34.6	-1.7	238	0.00
	Gujarat	14168	0	321.9	200.5	-9.1	512	0.00
	MP	9408	0	210.0	107.1	0.0	509	0.00
WR	Maharashtra	19387	0	420.2	115.7	-1.8	1014	0.00
WK	Goa	536	0	11.6	11.8	-0.3	82	0.00
	DNHDDPDCL	1104	0	25.3	25.5	-0.2	95	0.00
	AMNSIL	801	0	17.4	11.3	-0.8	180	0.00
	Andhra Pradesh	8576	0	183.2	12.9	0.1	709	0.00
	Telangana	8809	0	162.3	66.9	0.6	746	0.00
SR	Karnataka	8414	0	160.3	16.0	-2.2	786	0.00
	Kerala	3386	0	67.0	34.4	-0.2	276	0.00
	Tamil Nadu	15929	0	348.9	130.7	1.3	1723	0.00
	Puducherry	398	0	8.8	8.6	-0.5	37	0.00
	Bihar	6138	1106	131.6	120.0	-0.4	290	7.20
	DVC	3598	0	76.5	-32.5	-0.5	326	0.00
	Jharkhand	1544	0	32.0	24.7	-0.6	245	0.47
ER	Odisha	5491	0	117.0	51.7	-0.3	597	0.00
	West Bengal	9221	0	191.6	78.1	-0.2	408	0.00
	Sikkim	90	0	1.5	1.4	0.1	24	0.00
	Arunachal Pradesh	146	0	2.9	2.7	-0.1	24	0.00
	Assam	2202	0	45.5	37.3	0.5	88	0.00
	Manipur	208	0	2.9	2.9	0.0	15	0.00
NER	Meghalaya	322	0	6.0	0.5	-0.1	40	0.00
	Mizoram	100	0	1.7	0.8	0.3	17	0.00
	Nagaland	155	0	3.1	2.6	0.0	8	0.00
	Tripura	297	0	5.4	6.2	0.4	48	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	31.5	5.3	-21.6
Day Peak (MW)	1572.0	270.9	-966.0

E. Import/Export by Regions (in MU) - Import(+ve)/Export(-ve); OD	(+)/UD(-)					
	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	289.6	-141.3	-68.4	-74.8	-5.0	0.0
Actual(MU)	265.8	-139.2	-72.8	-55.3	-2.2	-3.7
O/D/H/D(MH)	22.7	2.1	4.4	10.5	20	2.7

F. Generation Outage(MW)			•		-	3	•
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4015	15266	6848	3625	372	30126	41
State Sector	9150	17584	12625	3100	251	42709	59
Total	13165	32849	19473	6725	623	72834	100

	NR	WR	SR	ER	NER	All India	% Share
Coal	698	1061	385	525	14	2682	63
Lignite	27	6	59	0	0	91	2
Hydro	365	47	131	116	31	691	16
Nuclear	29	20	61	0	0	111	3
Gas, Naptha & Diesel	15	3	9	0	29	55	1
RES (Wind, Solar, Biomass & Others)	123	135	395	5	1	659	15
Total	1257	1271	1039	646	75	4289	100
Share of RES in total generation (%)	9.81	10.60	38.03	0.71	0.96	15.36	1
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	41.15	15.88	56.54	18.70	42.87	34.04	

1.047

Based on State Max Demands

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-Jul-2022

							Date of Reporting:	
Sl	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	16-Jul-2022 NET (MU)
No			No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MC)	Export (MC)	NEI (MU)
	rt/Export of ER (250	
1		ALIPURDUAR-AGRA	2	0	1701	0.0	35.9	-35.9
3		PUSAULI B/B GAYA-VARANASI	-	0 749	49 13	0.0 8.0	1.2 0.0	-1.2 8.0
4		SASARAM-FATEHPUR	1	173	188	0.0	0.9	-0.9
5		GAYA-BALIA	1	0	680	0.0	11.2	-11.2
6		PUSAULI-VARANASI	1	0	68	0.0	0.8	-0.8
7	400 kV	PUSAULI -ALLAHABAD	1	10	54	0.0	0.4	-0.4
8		MUZAFFARPUR-GORAKHPUR	2	0	576	0.0	8.1	-8.1
9 10		PATNA-BALIA	2	0	534 563	0.0	9.3 9.8	-9.3 -9.8
11		NAUBATPUR-BALIA BIHARSHARIFF-BALIA	2	29	348	0.0	4.8	-9.8 -4.8
12		MOTIHARI-GORAKHPUR	2	18	373	0.0	4.8	-4.8
13		BIHARSHARIFF-VARANASI	2	253	94	0.9	0.0	0.9
14	220 kV	SAHUPURI-KARAMNASA	1	28	148	0.0	1.9	-1.9
15		NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16		GARWAH-RIHAND	1	25	0	0.3	0.0	0.3
17 18		KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.5 0.0	0.0	0.5 0.0
10	132 K V	RARMANADA-CHANDACEI		· · ·	ER-NR	9.7	88.9	-79.3
Impo	rt/Export of ER (With WR)				217		72.0
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	629	0	21.4	0.0	21.4
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1829	0	28.2	0.0	28.2
3		JHARSUGUDA-DURG	2	0	314	0.0	1.3	-1.3
4		JHARSUGUDA-RAIGARH	4	0	312	1.5	0.0	1.5
5		RANCHI-SIPAT	2	410	50	4.6	0.0	4.6
6							0.1	
		BUDHIPADAR-RAIGARH	1	72	70	0.0		-0.1
7	220 kV	BUDHIPADAR-KORBA	2	208	0 ER-WR	2.8	0.0	2.8
Imno	rt/Export of ER (With SR)			EK-WK	58.5	1.5	57.0
1		JEYPORE-GAZUWAKA B/B	2	726	0	16.0	0.0	16.0
2		TALCHER-KOLAR BIPOLE	2	0	2479	0.0	35.7	-35.7
3	765 kV	ANGUL-SRIKAKULAM	2	0	2803	0.0	44.3	-44.3
4	400 kV	TALCHER-I/C	2	915	644	8.9	0.0	8.9
- 5	220 kV	BALIMELA-UPPER-SILERRU	1	2	0 ED CD	0.0	0.0	0.0
Impo	rt/Export of ER (With NFR)			ER-SR	16.0	80.0	-64.0
1mpo		BINAGURI-BONGAIGAON	2	0	514	0.0	8.2	-8.2
2		ALIPURDUAR-BONGAIGAON	2	80	385	0.0	3.8	-3.8
3		ALIPURDUAR-SALAKATI	2	0	112	0.0	1.7	-1.7
					ER-NER	0.0	13.7	-13.7
Impo	rt/Export of NER	(With NR)						1
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	852	0.0	17.1	-17.1
Impo	rt/Export of WR (With ND)			NER-NR	0.0	17.1	-17.1
1		CHAMPA-KURUKSHETRA	2	0	4528	0.0	66.2	-66.2
2		VINDHYACHAL B/B		445	0	12.2	0.0	12.2
3		MUNDRA-MOHINDERGARH	2	0	1818	0.0	16.4	-16.4
4		GWALIOR-AGRA	2	156	1966	0.0	26.7	-26.7
5		GWALIOR-PHAGI	2	182	1188	0.0	16.3	-16.3
6		JABALPUR-ORAI	2	0	881	0.0	26.2	-26.2
7		GWALIOR-ORAI	1	442	0	7.8	0.0	7.8
9		SATNA-ORAI	2	1216	998	0.0	19.9	-19.9
10		BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI	2	1216	45 3779	16.9 0.0	0.0 73.5	16.9 -73.5
11		ZERDA-KANKROLI	í	330	0	4.9	0.0	4.9
12	400 kV	ZERDA -BHINMAL	1	668	0	9.7	0.0	9.7
			1	668 965	0		0.0	
12 13 14	400 kV 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 1 2	965 462	0 349	9.7 22.0 0.1	0.0 0.0 0.0	9.7 22.0 0.1
12 13 14 15	400 kV 400 kV 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1	965 462 0	0 349 1	9.7 22.0 0.1 0.0	0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0
12 13 14 15 16	400 kV 400 kV 220 kV 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 2	965 462 0	0 349 1 30	9.7 22.0 0.1 0.0 0.0	0.0 0.0 0.0 0.0 2.0	9.7 22.0 0.1 0.0 -2.0
12 13 14 15 16 17	400 kV 400 kV 220 kV 220 kV 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 2	965 462 0 0 113	0 349 1 30 1	9.7 22.0 0.1 0.0 0.0	0.0 0.0 0.0 0.0 2.0 0.0	9.7 22.0 0.1 0.0 -2.0 0.5
12 13 14 15 16 17 18	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 2	965 462 0 0 113 74	0 349 1 30 1	9.7 22.0 0.1 0.0 0.0 0.5 1.2	0.0 0.0 0.0 0.0 2.0 0.0	9.7 22.0 0.1 0.0 -2.0 0.5 1.2
12 13 14 15 16 17 18 19	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA- RANPUR BHANPURA- MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORS AWAI MADHOPUR	1 2 1 1 1 1	965 462 0 0 113 74	0 349 1 30 1 19 0	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0	0.0 0.0 0.0 0.0 2.0 0.0 0.0	9.7 22.0 0.1 0.0 -2.0 0.5 1.2 0.0
12 13 14 15 16 17 18 19 20	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	ZERDA - BHINMAL VINDHYACHAL - RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 2 1 1 1 1	965 462 0 0 113 74	0 349 1 30 1	9.7 22.0 0.1 0.0 0.0 0.5 1.2	0.0 0.0 0.0 0.0 2.0 0.0	9.7 22.0 0.1 0.0 -2.0 0.5 1.2
12 13 14 15 16 17 18 19 20	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALLOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 2 1 1 1 1	965 462 0 0 113 74 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1	0.0 0.0 0.0 0.0 0.0 2.0 0.0 0.0	9.7 22.0 0.1 0.0 -2.0 0.5 1.2 0.0 0.0 -172.0
12 13 14 15 16 17 18 19 20	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV 152 kV	ZERDA - BHINMAL VINDHYACHAL - RHIAND RAPP-SHUJALPUR BHANPURA- RANPUR BHANPURA- MORAK MEHGAON-AURAIYA MALANPUR- AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B	1 2 1 1 1 1 1 1 2	965 462 0 0 113 74 0 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 -172.0
12 13 14 15 16 17 18 19 20 Impo	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 232 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR	1 2 1 1 1 1 1 1 2	965 462 0 0 0 113 74 0 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.5 1.2 0.0 0.0 172.0 24.0
12 13 14 15 16 17 18 19 20 Impo	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC 765 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA- RANPUR BHANPURA- MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2	965 462 0 0 0 113 74 0 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.5 1.2 0.0 75.1 24.0 65.2 2.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.5 1.2 0.0 0.0 -172.0 24.0 25.0 26.0 26.0 27.0 28.0 29.0 20.0
12 13 14 15 16 17 18 19 20 Impo	400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV 153 kV 154 kV 155 kV 155 kV	ZERDA - BHINMAL VINDHYACHAL - RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 2 1 1 1 1 1 1 2	965 462 0 0 113 74 0 0 0 984 2877 1501 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 0.0 172.0 24.0 65.2 2.6 344.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC HVDC T65 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RHIAND RAPP-SHUJALPUR BHANPURA- RANPUR BHANPURA- RANPUR BHANPURA- MORAK MEHGAON-AURAIYA MALANPURA- URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	965 462 0 0 0 113 74 0 0	0 349 1 30 1 19 0 WR-NR	9.7 22.0 0.1 0.0 0.5 1.2 0.0 75.1 24.0 65.2 2.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.5 1.2 0.0 0.0 -172.0 24.0 25.0 26.0 26.0 27.0 28.0 29.0 20.0
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WITH SHORT SAWAT MADHOPUR RAJGHAT-LALITPUR WITH SRI BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	965 462 0 0 1113 74 0 0 984 2877 1501 0 1883	0 349 1 30 1 19 0 0 WR-NR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.5 75.1 24.0 65.2 2.6 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 1.2 0.0 0.5 2.0 0.0 2.0 0.0 3.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RHIAND RAPP-SHUJALPUR BHANPURA- RANPUR BHANPURA- RANPUR BHANPURA- MORAK MEHGAON-AURAIYA MALANPURA- URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	965 462 0 0 113 74 0 0 0 984 2877 1501 0 1883	0 349 1 1 30 1 1 1 0 0 WR-NR 0 0 1842 2826 0 0 0 108	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 172.0 24.0 65.2 2.6 34.2 30.4 0.0 0.0
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	965 462 0 0 113 74 0 0 0 984 2877 1501 0 1883 0 0 1	0 349 1 30 1 19 0 WR-NR 0 0 1842 2826 0	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	965 462 0 0 113 74 0 0 0 984 2877 1501 0 1883 0 0 1	0 349 1 1 30 1 1 1 0 0 WR-NR 0 0 1842 2826 0 0 0 108	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 2.0 0.5 1.2 0.0 0.0 -172.0 24.0 65.2 2.6 -34.2 30.4 0.0 0.0 1.8 89.8 +ve)/Export(-ve)
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALIPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA WISHOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	965 462 0 0 113 74 0 0 0 1883 0 1883 0 0 1 CHANGES	0 349 1 1 30 1 1 19 0 WR-NR 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 172.0 24.0 65.2 2.6 34.2 30.4 0.0 0.0 1.8 89.8 4-ve)/Export(-ve) Energy Exchange
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	965 462 0 0 113 74 0 0 0 113 74 0 0 1 1883 0 1 1 CHANGES	0 349 1 1 30 1 1 1 0 0 WR-NR 0 0 1842 2826 0 0 0 108	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 2.0 0.5 1.2 0.0 0.0 -172.0 24.0 65.2 2.6 -34.2 30.4 0.0 0.0 1.8 89.8 +ve)/Export(-ve)
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	1	965 462 0 0 113 74 0 0 0 1883 0 1883 0 0 1 1 CHANGES Name	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 0 WR-SR Max (MW)	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 0.0 0.0 1.8 124.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALIPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA WISHOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 0 113 74 0 0 0 1883 0 1883 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\frac{4}{2}\$ 180MW)	0 349 1 1 30 1 1 19 0 WR-NR 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 172.0 24.0 65.2 2.6 34.2 30.4 0.0 0.0 1.8 89.8 4-ve)/Export(-ve) Energy Exchange
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WITH SRIPPER - RIPPER -	1 2 1 1 1 1 1 1 1 1	965 462 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1HANGES Name CHANGES Name AR RECEIPT (from \$\frac{1}{2}\$180HW) URL1,2.4(& 400KV)	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 -2.0 0.5 1.2 0.0 -172.0 24.0 24.0 2.6 -34.2 2.6 -34.2 30.4 0.0 0.0 1.8 89.8 4-ve)/Export(-ve) Energy Exchange
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 0 1883 1883 0 11 1 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 9480MW) URI 1,2,4 (& 400kV) RUB 1,6 EMAGURI	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 0 WR-SR Max (MW)	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 0.0 0.0 1.8 124.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WITH SRIPPER - RIPPER -	1	965 462 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 140 1501 1 CHANGES Name AR RECEIPT (from \$\frac{1}{2}\$ HORGURI 1,2,4 (& 400kV) RI) i.e. BINAGURI A HEP (6*FIOWIW)	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 -2.0 0.5 1.2 0.0 -172.0 24.0 24.0 2.6 -34.2 2.6 -34.2 30.4 0.0 0.0 1.8 89.8 4-ve)/Export(-ve) Energy Exchange
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WITH SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 1 1 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4 180MW) URI 1,2,4 (& 400kV) RUB 1,2,4 (0 349 1 30 1 1 90 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 1.72.0 24.0 65.2 2.6 34.2 30.4 0.0 0.0 1.8 89.8 +ve)/Export(-ve) Energy Exchange (MII) 11.1
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 16 kV 17 kV 18 kV 18 kV 18 kV 19 kV 19 kV 20 k	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WITH SRIPPER - RIPPER -	1	965 462 0 113 74 0 0 113 74 0 0 0 1883 0 0 1883 0 0 1 1 CHANGES Name CHANGES Name CHALIPURDUAR AR RECEIPT (from \$\frac{9}{180}MW)\$ \$\frac{9}{180}MW\$ \$\frac{1}{180}ME \tag{1}{2}ME \tag{2}ME	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 -2.0 0.5 1.2 0.0 -172.0 24.0 24.0 2.6 -34.2 2.6 -34.2 30.4 0.0 0.0 1.8 89.8 4-ve)/Export(-ve) Energy Exchange
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA WITH SRIPPER SHARMAN SHAR	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 113 74 0 0 113 74 0 0 0 1883 0 1883 0 0 1883 0 10 1 CHANGES Name CHANGES Name (CHANGES NAME (CHANGES NAME AR RECEIPT (from 4*180MW) (WRI) i.e. BINAGURI A HEP (6*170MW) PARA I & 2 (& 220kV) A I e. BIRRAGURA KHA HEP 4*84MW)	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WITH SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-MBEWADI XELDEM-AMBEWADI IN Region ER ER	1	965 462 0 113 74 0 0 113 74 0 0 0 1883 0 1883 0 0 1883 0 10 1 CHANGES Name CHANGES Name (CHANGES NAME (CHANGES NAME AR RECEIPT (from 4*180MW) (WRI) i.e. BINAGURI A HEP (6*170MW) PARA I & 2 (& 220kV) A I e. BIRRAGURA KHA HEP 4*84MW)	0 349 1 30 1 1 90 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 75.1 24.0 65.2 2.6 0.0 30.4 0.0 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 1.72.0 24.0 65.2 2.6 34.2 30.4 0.0 0.0 1.8 89.8 +ve)/Export(-ve) Energy Exchange (MII) 11.1
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA WITH SRIPPER SHARMAN SHAR	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 113 74 0 0 113 74 0 0 0 1883 0 1883 0 0 1883 0 10 1 CHANGES Name CHANGES Name (CHANGES NAME (CHANGES NAME AR RECEIPT (from 4*180MW) (WRI) i.e. BINAGURI A HEP (6*170MW) PARA I & 2 (& 220kV) A I e. BIRRAGURA KHA HEP 4*84MW)	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MBALANPUR-AURAHYA WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 1 1 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*1804W) URI 1,2,4 (& 400kV) RIVING 1,4 (& 400kV) RIVING 1,6 (& 18) RAGURI A HEP (6*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (6*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (8*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (8*170MW) LAKATI	0 349 349 1 1 30 1 19 0 WR-NR 0 0 1842 2826 0 0 0 108 WR-SR Max (MW) 513 913	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA WITH SRIPPER SHARMAN SHAR	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 1 1 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*1804W) URI 1,2,4 (& 400kV) RIVING 1,4 (& 400kV) RIVING 1,6 (& 18) RAGURI A HEP (6*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (6*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (8*170MW) PARA 182 (& 220kV A) i.e. BIRAGURI A HEP (8*170MW) LAKATI	0 349 1 1 30 1 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.2.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN REGION ER ER ER NER	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1 1 CHANGES Name RI-ALIPURDUAR AR RECEIPT (from \$4* ISBMW)\$ URI 1,2,4 (\$4* 400kV) URI 1,6,4 (\$4* 400kV) RI) 1,6 BINAGURI A HEP (\$6* 170MW) PARA 1 82 (\$6* 220kV) A) 1,6 BINAGURI A HEP (\$4* 170MW) LAKATI	0 349 349 1 1 30 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MBALANPUR-AURAHYA WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1 1 CHANGES Name RI-ALIPURDUAR AR RECEIPT (from \$4* ISBMW)\$ URI 1,2,4 (\$4* 400kV) URI 1,6,4 (\$4* 400kV) RI) 1,6 BINAGURI A HEP (\$6* 170MW) PARA 1 82 (\$6* 220kV) A) 1,6 BINAGURI A HEP (\$4* 170MW) LAKATI	0 349 349 1 1 30 1 19 0 WR-NR 0 0 1842 2826 0 0 0 108 WR-SR Max (MW) 513 913	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 2.0 0.5 1.2 0.0 0.5 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN REGION ER ER ER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1 1 CHANGES Name RI-ALIPURDUAR AR RECEIPT (from \$4* ISBMW)\$ URI 1,2,4 (\$4* 400kV) URI 1,6,4 (\$4* 400kV) RI) 1,6 BINAGURI A HEP (\$6* 170MW) PARA 1 82 (\$6* 220kV) A) 1,6 BINAGURI A HEP (\$4* 170MW) LAKATI	0 349 349 1 1 30 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 172.0 24.0 24.0 24.0 24.0 24.0 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA MALANPUR - AURAIYA BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN REGION ER ER ER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 1 CHANGES Name IL-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8. 400kV) RICH 1,2,4 (8. 400	0 349 349 1 1 30 1 19 0 WR-NR 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 172.0 24.0 24.0 24.0 24.0 24.0 30.4 30.4 30.4 30.4 30.4 30.4 30.4 3
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MBALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 1 CHANGES Name IL-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8. 400kV) RICH 1,2,4 (8. 400	0 349 349 1 1 30 1 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 0.5 1.2 0.0 0.5 1.2 0.0 0.0 172.0 24.0 65.2 2.6 34.2 2.6 34.2 30.4 0.0 0.0 1.8 89.8 (+ve)/Export(-ve) Energy Exchange (MII) 11.1 17.8 3.7 -0.2 -0.9
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADRAWATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WITH SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 0 1883 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ (24) (24) (24) (24) (24) (24) (24) (24)	0 349 349 1 30 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 30.4 0.0 0.1 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.1 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MBALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 1 CHANGES Name IL-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8. 400kV) RICH 1,2,4 (8. 400	0 349 349 1 1 30 1 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.3 89.8 1+ve)/Export(-ve) Energy Exchange (MII) 11.1 17.8 3.7 -0.2 -0.9
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADRAWATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WITH SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 0 1883 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ (24) (24) (24) (24) (24) (24) (24) (24)	0 349 349 1 30 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 30.4 0.0 0.1 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.1 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADRAWATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WITH SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 11 0 1883 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ (24) (24) (24) (24) (24) (24) (24) (24)	0 349 349 1 30 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70	9.7 22.0 0.1 0.0 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 24.0 30.4 0.0 0.1 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 0.1 0.0 0.0 0.5 1.2 0.0 0.1 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NUZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AM	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 1883 0 1 1 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$\pm\$180MW) RRI 1,3,4 (& 400KV) RR	0 349 349 1 1 30 1 1 19 0 WR-NR 0 0 0 1842 2826 0 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70 -27	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.77 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 172.0 24.0 65.2 2.6 34.2 2.6 34.2 30.4 0.0 1.8 89.8 (+ve)/Export(-ve) Energy Exchange (MII) 11.1 17.8 3.7 -0.2 -0.9 -1.0
12 13 14 15 16 17 18 19 20 12 3 4 4 4 5 6 6 7 8	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 155 kV 765 kV 200 kV 200 kV 200 kV 200 kV 200 kV 200 kV 200 kV 200 kV	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WITH SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOHAPUR-KUDGI KOHAPUR-AUBHWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI RR BR BR ER ER BR ER BR BR BR	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1 1 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ HOMW) URI 1:4, 64 HOMW URI 1:4, 64 HOMW URI 1:4, 64 HOMW HANGER KHA HEP 4*84MW) LAKATI ANGIA AN	0 349 349 1 1 30 1 19 0 WR-NR 0 0 0 1842 2826 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70 -27	9.7 22.0 0.1 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.7 22.0 0.1 2.0 0.0 0.0 0.0 0.5 1.2 0.0 0.0 1.2 0.0 0.0 1.2.0 0.0 1.2.0 0.0 1.2.0 1.2 0.0 1.2 0.0 1.2 1.2 0.0 1.2 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2
12 13 14 15 16 17 18 19 20 12 3 4 4 4 5 6 6 7 8	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1432 kV 140 kV 1	ZERDA - BHINMAL VINDHYACHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NUZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AM	1	965 462 0 0 113 74 0 0 113 74 0 0 984 2877 1501 0 1883 0 0 1 1 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ HOMW) URI 1:4, 64 HOMW URI 1:4, 64 HOMW URI 1:4, 64 HOMW HANGER KHA HEP 4*84MW) LAKATI ANGIA AN	0 349 349 1 1 30 1 1 19 0 WR-NR 0 0 0 1842 2826 0 0 0 108 WR-SR Max (MW) 513 913 201 -13 -50 -70 -27	9.7 22.0 0.1 0.0 0.1 0.0 0.0 0.5 1.2 0.0 0.0 75.1 24.0 65.2 2.6 0.0 30.4 0.0 1.8 124.0 Min (MW) 0 110 -2 -31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9.77 22.0 0.1 0.0 0.1 0.0 0.5 1.2 0.0 0.5 1.2 0.0 172.0 24.0 65.2 2.6 34.2 2.6 34.2 30.4 0.0 1.8 89.8 (+ve)/Export(-ve) Energy Exchange (MII) 11.1 17.8 3.7 -0.2 -0.9 -1.0