

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: 20th 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 19.07.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-जुलाई-2022 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 19th July 2022, is available at the NLDC website.

धन्यवाद,

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



Report for previous day Date of Reporting:

		NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00	hrs; from RLDCs)	57934	49666	41734	26237	3232	178803
Peak Shortage (MW)		75	0	0	459	0	534
Energy Met (MU)		1454	1138	1002	573	62	4229
Hydro Gen (MU)		319	86	126	121	32	683
Wind Gen (MU)		64	151	90	-	-	305
Solar Gen (MU)*		109.78	36.34	107.31	4.21	0.56	258
Energy Shortage (MU)		10.22	0.00	0.00	7.09	0.00	17.31
Maximum Demand Met During the Day (MW) (From	NLDC SCADA)	69750	49680	47435	27095	3264	185657
Time Of Maximum Demand Met (From NLDC SCAD	A)	00:14	19:44	09:58	20:15	19:22	10:30
3. Frequency Profile (%)							
Region FVI		< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India 0.076		0.72	2.63	6.91	10.25	63.16	26.58

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	` ′	(MU)	` ′		(MU)
	Punjab	11775	0	267.0	167.4	-1.9	225	0.00
	Haryana	10152	0	212.9	148.2	-0.8	431	1.76
	Rajasthan	11452	0	245.7	24.9	-4.2	164	0.00
	Delhi	6571	0	129.6	119.7	-2.3	201	0.00
NR	UP	25103	540	465.4	214.6	-0.7	534	7.28
	Uttarakhand	1993	75	45.5	25.2	0.2	178	1.08
	HP	1669	0	32.0	-4.0	-0.2	221	0.10
	J&K(UT) & Ladakh(UT)	2081	0	48.6	26.3	-2.7	265	0.00
	Chandigarh	323	0	6.9	7.3	-0.4	24	0.00
	Chhattisgarh	4209	0	98.4	45.7	0.0	297	0.00
	Gujarat	14163	0	320.2	145.2	-8.9	618	0.00
	MP	10011	0	219.9	78.0	0.0	454	0.00
WR	Maharashtra	20082	0	443.5	161.2	-3.5	632	0.00
	Goa	595	0	11.9	12.1	-0.2	71	0.0
	DNHDDPDCL	1129	0	26.3	26,3	0.0	50	0.0
	AMNSIL	807	0	17.5	11.3	-0.3	250	0.00
	Andhra Pradesh	8883	0	199.0	87.0	2.1	859	0.00
	Telangana	10637	0	196.4	77.3	1.3	751	0.00
SR	Karnataka	9354	0	179.0	55.7	-0.5	650	0.00
	Kerala	3399	0	70.6	38.7	-0.3	188	0.00
	Tamil Nadu	15689	0	347.4	173,3	0.3	699	0.00
	Puducherry	446	0	9.9	9.2	0.0	58	0.00
	Bihar	6497	298	131.6	120.7	-0.2	337	3.40
	DVC	3478	0	78.2	-40.2	0.3	262	0.00
	Jharkhand	1786	0	32.3	25.1	-1.7	282	3.63
ER	Odisha	6083	0	130.1	61.5	0.2	259	0.00
	West Bengal	9605	0	199.2	73.8	0.9	340	0.00
	Sikkim	96	0	1.6	1.5	0.1	21	0.00
	Arunachal Pradesh	145	0	2.6	2.9	-0.6	26	0.00
	Assam	2095	0	40.7	34.8	-1.0	113	0.00
	Manipur	191	0	2.8	2.9	-0.1	19	0.00
NER	Meghalaya	339	0	6.1	1.1	0.0	74	0.00
	Mizoram	101	0	1.6	0.9	0.3	28	0.00
	Nagaland	152	0	2.8	2.4	-0.1	17	0.00
	Tripura	310	0	5.5	5.7	0.0	87	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	32.0	6.3	-24.4
Day Peak (MW)	1767.0	323.0	-1059.0

E. Import/Export by Regions (in MU) - Import(+ve)/Export(-ve); OD	(+)/UD(-)					
	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	244.2	-203.1	45.3	-79.9	-6.5	0.0
Actual(MU)	217.1	-216.4	68.6	-69.5	-7.3	-7.6
O/D/II/D(MII)	27.1	12.2	22.2	10.2	0.6	7.6

	NK	WK	SK	EK	NEK	IOIAL
Schedule(MU)	244.2	-203.1	45.3	-79.9	-6.5	0.0
Actual(MU)	217.1	-216.4	68.6	-69.5	-7.3	-7.6
O/D/U/D(MU)	-27.1	-13.3	23.2	10.3	-0.8	-7.6
F. Consection Outcode(MW)		-	-		-	

r. Generation Outage(WW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3496	17346	6138	3150	309	30439	44
State Sector	6685	18359	10927	2590	186	38746	56
Total	10181	35704	17065	5740	494	69184	100

G. Sourcewise generation (MU)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	747	1043	459	548	15	2810	64
Lignite	23	9	64	0	0	96	2
Hydro	319	86	126	121	32	683	16
Nuclear	29	36	67	0	0	132	3
Gas, Naptha & Diesel	16	3	9	0	29	57	1
RES (Wind, Solar, Biomass & Others)	191	188	246	4	1	630	14
Total	1325	1364	971	673	76	4409	100

Share of RES in total generation (%)	14.14	13.80	25.34	0.63	0.74	14.21
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	40.63	22.72	45.22	18.59	42.50	32.77

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.062
Based on State Max Demands	1.085

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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: 21-Jul-2022

							Date of Reporting:	21-Jul-2022
Sl	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	May Export (MW)	Import (MU)	Export (MU)	NET (MU)
No			No. of Circuit	Max Import (M W)	Max Export (MW)	Import (MC)	Export (MC)	NEI (MU)
Impo 1	rt/Export of ER (\) HVDC	With NR) ALIPURDUAR-AGRA	2	0	501	0.0	12.4	-12.4
2		PUSAULI B/B		0	49	0.0	1.3	-1.3
3	765 kV	GAYA-VARANASI	2	987	324	4.7	0.0	4.7
4	765 kV	SASARAM-FATEHPUR	1	345	244	0.0	0.1	-0.1
5		GAYA-BALIA PUSAULI-VARANASI	1	0	715 90	0.0	9.1	-9.1
7		PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	15 31	74	0.0	0.8 0.3	-0.8 -0.3
8		MUZAFFARPUR-GORAKHPUR	2	0	857	0.0	12.3	-12.3
9		PATNA-BALIA	2	Ü	652	0.0	11.3	-11.3
10		NAUBATPUR-BALIA	2	0	697	0.0	9.6	-9.6
11		BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR	2	100	444	0.0	5.3 6.3	-5.3
13		BIHARSHARIFF-VARANASI	2	11 332	461 175	0.3	0.0	-6.3 0.3
14	220 kV	SAHUPURI-KARAMNASA	ī	4	152	0.0	1.8	-1.8
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16	132 kV	GARWAH-RIHAND	1	25	0	0.3	0.0	0.3
17 18	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
10	132 K V	RAKMANAGA-CHANDACLI			ER-NR	5.4	70.5	-65.2
Impo	rt/Export of ER (
1		JHARSUGUDA-DHARAMJAIGARH	4	629	0	28.5	0.0	28.5
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1266	228	17.9	0.0	17.9
3	765 kV	JHARSUGUDA-DURG	2	0	314	0.0	0.7	-0.7
4	400 kV	JHARSUGUDA-RAIGARH	4	0	312	1.9	0.0	1.9
5	400 kV	RANCHI-SIPAT	2	318	93	4.4	0.0	4.4
6	220 kV	BUDHIPADAR-RAIGARH	1	68	69	0.0	0.3	-0.3
7	220 kV	BUDHIPADAR-KORBA	2	187	0	2.1	0.0	2.1
			-	•	ER-WR	54.8	1.0	53.9
	rt/Export of ER (WITH SK)	2	587	0	14.5	0.0	14.5
2	HVDC HVDC	JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	2 2	0	1993	0.0	45.8	-45.8
3	765 kV	ANGUL-SRIKAKULAM	2	Ů Ů	3355	0.0	57.4	-57.4
4	400 kV	TALCHER-I/C	2	251	919	0.0	6.9	-6.9
5	220 kV	BALIMELA-UPPER-SILERRU	1	2	0 ED CD	0.0	0.0	0.0
Imno	rt/Export of ER (With NER)			ER-SR	14.5	103.2	-88.8
1		BINAGURI-BONGAIGAON	2	0	256	0.0	3.1	-3.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	10	365	0.0	4.0	-4.0
3	220 kV	ALIPURDUAR-SALAKATI	2	0	107	0.0	1.5	-1.5
Imno	rt/Export of NER	(With NR)			ER-NER	0.0	8.6	-8.6
1		BISWANATH CHARIALI-AGRA	2	0	705	0.0	16.8	-16.8
					NER-NR	0.0	16.8	-16.8
	rt/Export of WR (2022		1116	
1 2	HVDC HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0 444	3022	0.0 8.9	44.6 0.0	-44.6 8.9
3	HVDC	MUNDRA-MOHINDERGARH	2	1777	2021	0.0	24.1	-24.1
4	765 kV	GWALIOR-AGRA	2	Ö	2124	0.0	24.9	-24.9
- 5		GWALIOR-PHAGI	2	1409	1142	8.1	11.5	-3.5
7		JABALPUR-ORAI	2	130 651	991 99	0.0	19.7 0.1	-19.7 7.4
8	765 kV 765 kV	GWALIOR-ORAI SATNA-ORAI	1	031	1045	7.6 0.0	17.3	-17.3
9	765 kV	BANASKANTHA-CHITORGARH	2	903	103	6.0	0.1	5.9
10	765 kV	VINDHYACHAL-VARANASI	2	0	3383	0.0	62.3	-62.3
11	400 kV	ZERDA-KANKROLI	1	283	3383 0	3.2	0.0	3.2
11 12	400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	1 1 1	283 730	3383 0 0	3.2 9.4	0.0 0.0	3.2 9.4
11	400 kV	ZERDA-KANKROLI	2 1 1 1 2	283	3383 0	3.2 9.4 21.3	0.0	3.2
11 12 13 14 15	400 kV 400 kV 400 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1 1 2 1	283 730 961 627 0	3383 0 0 0 516 0	3.2 9.4 21.3 4.9 0.0	0.0 0.0 0.0 3.5 0.0	3.2 9.4 21.3 1.5 0.0
11 12 13 14 15 16	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1 2 1 1	283 730 961 627 0	3383 0 0 0 516 0 30	3.2 9.4 21.3 4.9 0.0	0.0 0.0 0.0 3.5 0.0 2.6	3.2 9.4 21.3 1.5 0.0
11 12 13 14 15 16 17	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BIINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 1 2 1 1 1	283 730 961 627 0 0	3383 0 0 0 0 516 0 30 0	3.2 9.4 21.3 4.9 0.0 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7
11 12 13 14 15 16	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	2 1 1 1 2 1 1 1 1	283 730 961 627 0	3383 0 0 0 516 0 30	3.2 9.4 21.3 4.9 0.0	0.0 0.0 0.0 3.5 0.0 2.6	3.2 9.4 21.3 1.5 0.0
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	ZERDA-KANKROLI ZERDA-BIINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 1 2 1 1 1 1 1 1 2	283 730 961 627 0 0 114 71	3383 0 0 0 516 0 30 0 6 0	3.2 9.4 21.3 4.9 0.0 0.7 1.4 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANG BHANPURA-WANG MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 1	283 730 961 627 0 0 114 71	3383 0 0 0 516 0 30 0 6	3.2 9.4 21.3 4.9 0.0 0.0 1.4 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 1 1 1 1	283 730 961 627 0 0 114 71 0	3383 0 0 0 516 0 30 0 6 0	3.2 9.4 21.3 4.9 0.0 0.7 1.4 0.0 12.1 83.4	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0 210.7	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3
11 12 13 14 15 16 17 18 19 20	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	1 1 1 1 1	283 730 961 627 0 0 114 71	3383 0 0 0 516 0 0 30 0 6 0 0 WR-NR	3.2 9.4 21.3 4.9 0.0 0.7 1.4 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1
11 12 13 14 15 16 17 18 19 20 Impo 1 2	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 152 kV 152 kV 153 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANYUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	1 1 1 1 1 1 1 2	283 730 961 627 0 0 114 71 0 0	3383 0 0 0 516 0 30 0 6 0 0 WR-NR 0 603 2590	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 210.7	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR HVDC HVDC 765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 1 1 1 1 2 2	283 730 961 627 0 0 114 71 0 0 984 2398 158 0	3383 0 0 0 516 0 30 0 6 0 WR-NR 0 603 2590 3846	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 210.7	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3 13.8 -22.9 -52.6
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC HVDC T65 kV 765 kV 400 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 2	283 730 961 627 0 0 114 71 0 0 984 2398 158 0 1366	3383 0 0 0 516 0 30 0 6 0 0 WR-NR 0 603 2590 3846 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0 0.0 0.0 2.4	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3 12.1 13.8 -22.9 -52.6 24.9
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAAGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2	283 730 961 627 0 0 114 71 0 0 984 2398 158 0	3383 0 0 0 516 0 30 0 6 0 WR-NR 0 603 2590 3846	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0	0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0 210.7 0.0 0.0 210.7	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3 13.8 -22.9 -52.6
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR WIS SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 1 1 2 2 2 2 2 2	283 730 961 627 0 0 114 71 0 0 0 984 2398 158 0 1366 0	3383 0 0 0 0 516 0 0 30 0 6 0 0 WR-NR 0 603 2590 3846 0 0 0 104	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 1.8	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.7 3.8 -2.2.9 -52.6 24.9 0.0 0.0
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1	283 730 961 627 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0	3383 0 0 0 516 0 0 516 0 0 WR-NR 0 6 0 0 WR-NR 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 -127.3 -127.3 -12.1 13.8 -22.9 0.0 0.0 1.8 1.8
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2	283 730 961 627 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0	3383 0 0 0 0 516 0 0 30 0 6 0 0 WR-NR 0 603 2590 3846 0 0 0 104	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 12.1 13.8 -22.9 -52.9 -52.6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 221 kV 132 kV 132 kV 142 kV 152 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	283 730 961 627 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0	3383 0 0 0 0 516 0 0 30 0 6 0 0 WR-NR 0 603 2590 3846 0 0 0 104	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 1.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve)
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	283 730 961 627 0 0 114 71 0 0 184 2398 158 0 1366 0 0 0 CCHANGES	3383 0 0 0 516 0 0 516 0 0 WR-NR 0 6 0 0 WR-NR 0 6 0 0 WR-NR 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0 0.0 0.0 12.1 85.4	0.0 0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 12.1 13.8 -22.9 -52.9 -52.9 -52.9 -52.9 -52.9 -52.9 -52.9 -62.9
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 1114 71 0 0 984 2398 158 0 0 1366 0 0 0 CCHANGES Name	3383 0 0 0 516 0 0 516 0 0 WR-NR 0 6 0 0 WR-NR 0 6 0 0 WR-NR 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 83.4 12.1 13.8 0.0 0.0 0.0 12.1 85.4	0.0 0.0 0.0 0.0 3.5 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve)
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 0 1366 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*1804W)	3383 0 0 0 0 516 0 0 6 0 0 WR-NR 0 6 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 0.0 1.8 3.4	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.7 3 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 114 71 0 0 184 2398 158 0 1366 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW)	3383 0 0 0 0 516 0 0 6 0 0 WR-NR 0 6 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 0.0 0.0 12.1 13.8 0.0 0.0 0.0 0.0 14.4 15.4 16.4 17.4 18.5	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 0 1366 0 0 0 CCHANGES Name HU-ALIPURDUAR 147 RECEIPT (from 4*180MW) URI 1,24 (8*400KY) U	3383 0 0 0 516 0 0 516 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 0.0 1.8 3.4	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 12.7 3 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0 1366 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEITT (from 4*180MW) URI 1,2,4 (& 400KW) URI 1,2,4 (& 400KW) URI 1,2,4 (& 400KW) HUSH 1,6 BINAGURI A HEP (6*170MW) PARA 182 (& 20KW)	3383 0 0 0 0 0 0 516 0 0 0 0 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-SR 0 0 0 0 104 WR-SR	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 1.8 52.6	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 155 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	283 730 961 627 0 961 961 114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI Lie, 16 4*40MW) URI Lie, 16 4*40MW URI Lie, 16 4*40	3383 0 0 0 516 0 0 516 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 0.0 0.0 12.1 13.8 0.0 0.0 0.0 0.0 14.4 15.4 16.4 17.4 18.5	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU)
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	1	283 730 961 627 0 961 961 114 71 0 114 71 0 984 2398 158 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1:2, (8 400KV) URI	3383 0 0 0 0 516 0 0 516 0 0 WR-NR 0 603 2590 3846 0 0 WR-SR Max (MW) 581	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 0.0 0.0 12.1 13.8 0.0 0.0 0.0 14.4 15.6 16.7 17.7 18.7 18.7 19.8 19.	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-KUDGH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	1	283 730 961 627 0 961 961 114 71 0 114 71 0 984 2398 158 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1:2, (8 400KV) URI	3383 0 0 0 0 0 0 516 0 0 0 0 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-SR 0 0 0 0 104 WR-SR	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 24.9 0.0 0.0 1.8 52.6	0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 -2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 1366 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) AHEP (6*170MW) PPARA 182 (& 20kV A) i.e. BIRPARA KKHA HEP 4*84MW) LLAKATI	3383 0 0 0 0 516 0 0 516 0 0 WR-NR 0 603 2590 3846 0 0 WR-SR Max (MW) 581	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 0.0 0.0 12.1 13.8 0.0 0.0 0.0 14.4 15.6 16.7 17.7 18.7 18.7 19.8 19.	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 1366 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) URI 1,2,4 (& 400K) AHEP (6*170MW) PPARA 182 (& 20kV A) i.e. BIRPARA KKHA HEP 4*84MW) LLAKATI	3383 0 0 0 0 516 0 0 516 0 0 WR-NR 0 603 2590 3846 0 0 WR-SR Max (MW) 581	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 0.0 0.0 0.0 0.0 12.1 13.8 0.0 0.0 0.0 14.4 15.6 16.7 17.7 18.7 18.7 19.8 19.	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECH 1 L28-31c. ALIPURDU MANGDECH HERA MALBASE - BINAGI MALBASE - BI	283 730 730 961 627 0 0 114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 1366 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3383 0 0 0 0 0 0 516 0 0 0 0 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-NR 0 104 WR-SR Max (MW) 581 947	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 0.0 24.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 2.22 5.2.6 24.9 0.0 0.0 1.8 2.2.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 184 2398 158 0 158 0 0 158 158 0 0 160 0 178 188 188 0 188 188 188 188 188 188 188	3383 0 0 0 0 0 0 516 0 0 0 0 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-NR 0 104 WR-SR Max (MW) 581 947	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 0.0 24.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 2.22 5.2.6 24.9 0.0 0.0 1.8 2.2.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECH 1 L28-31c. ALIPURDU MANGDECH HERA MALBASE - BINAGI MALBASE - BI	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 184 2398 158 0 158 0 0 158 158 0 0 160 0 178 188 188 0 188 188 188 188 188 188 188	3383 0 0 0 0 516 0 0 516 0 0 WR-NR 0 0 66 0 WR-NR 0 603 2590 3846 0 0 0 WR-SR Max (MW) 581 947	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 24.9 0.0 1.8 52.6 Min (MW) 472 613	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER	1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 158 0 0 1366 0 0 0 1366 0 0 0 1376 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3383 0 0 0 0 0 0 516 0 30 0 6 0 0 WR-NR 0 0 0 0 WR-NR 0 104 WR-SR Max (MW) 581 947 300 19 50	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 3.3 4.9 0.0 0.0 12.1 13.8 3.4 12.1 13.8 5.2.6 Min (MW) 472 613 159 -5	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 2.22 5.2.6 24.9 0.0 0.0 1.8 22.9 5.2.6 (MU) 11.7 17.4 4.1 0.3
11 12 13 14 15 16 17 18 19 20 Impo 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 142 kV 143 kV 145 kV 147 kV 149 kV 140 kV 220 kV 400 kV 220 kV 220 kV 220 kV 400 kV 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 158 0 0 1366 0 0 0 1366 0 0 0 1376 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3383 0 0 0 0 516 0 0 516 0 0 WR-NR 0 0 66 0 WR-NR 0 603 2590 3846 0 0 0 WR-SR Max (MW) 581 947	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 24.9 0.0 1.8 52.6 Min (MW) 472 613	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABA KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400KV TALABINAG MALBASE - BINAGI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 1,2&4 i.e. ALIPURDU MALBASE - BIRPAR RECEIPT (from CHU 1,32kV GELEPHU-SA 1,32kV MAHENDRA- TANAKPUR(NHPC) NEPAL IMPORT (FE	283 730 961 627 0 961 961 97 114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1;2,4 (8*408W) URI 1;4,4 (8*408W) URI	3383 0 0 0 0 0 516 0 0 516 0 0 WR-NR 0 66 0 0 WR-NR 0 603 2590 3846 0 0 104 WR-SR Max (MW) 581 947 300 19	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 1.8 52.6 Min (MW) 472 613 159 -5	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 1.5 0.0 1.2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3 0.9 -0.9
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER	TERNATIONAL EX TERNATIONAL EX Line 400KV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400KV TALABINAG MALBASE - BINAGI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 1,2&4 i.e. ALIPURDU MALBASE - BIRPAR RECEIPT (from CHU 1,32kV GELEPHU-SA 1,32kV MAHENDRA- TANAKPUR(NHPC) NEPAL IMPORT (FE	283 730 961 627 0 0 1114 71 0 0 114 71 0 0 984 2398 158 0 158 0 0 1366 0 0 0 1366 0 0 0 1376 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 1386 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3383 0 0 0 0 0 0 516 0 30 0 6 0 0 WR-NR 0 0 0 0 WR-NR 0 104 WR-SR Max (MW) 581 947 300 19 50	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 3.3 4.9 0.0 0.0 12.1 13.8 3.4 12.1 13.8 5.2.6 Min (MW) 472 613 159 -5	0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 -52.6 (MU) 11.7 17.4 4.1 0.3
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABA KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER		283 730 961 627 0 961 627 0 0 1114 71 0 0 984 2398 158 158 0 158 0 0 1356 0 0 0 1346 1356 0 0 0 1347 1356 1356 0 0 1356 1356 0 1356 1356 1356 1356 1356 1356 1356 1356	3383 0 0 0 0 0 516 0 0 516 0 0 WR-NR 0 66 0 0 WR-NR 0 603 2590 3846 0 0 104 WR-SR Max (MW) 581 947 300 19	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 1.8 52.6 Min (MW) 472 613 159 -5	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 1.5 0.0 1.2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3 0.9 -0.9
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABA KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER		283 730 961 627 0 961 961 97 114 71 0 0 114 71 0 0 984 2398 158 0 1366 0 0 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1;2,4 (8*408W) URI 1;4,4 (8*408W) URI	3383 0 0 0 0 0 516 0 0 516 0 0 WR-NR 0 66 0 0 WR-NR 0 603 2590 3846 0 0 104 WR-SR Max (MW) 581 947 300 19	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 0.0 0.0 0.0 1.8 52.6 Min (MW) 472 613 159 -5	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3 0.9 -0.9
11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2	283 730 961 627 0 961 627 0 114 71 0 0 114 71 0 0 984 2398 158 0 0 1366 0 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400K) URI 1,24 (8 40	3383 0 0 0 0 0 0 516 0 30 0 6 0 0 WR-NR 0 0 0 0 WR-NR 0 0 104 WR-SR Max (MW) 581 947 300 19 50 62	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 3.3 4.9 0.0 0.0 12.1 13.8 3.4 12.1 13.8 5.2 6 Min (MW) 472 613 159 0 0 0 0 0 0 167	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 2.22 5.2.6 24.9 0.0 0.0 1.8 -22.9 5.2.6 (MU) 11.7 17.4 4.1 0.3 0.9 0.9 0.0 0.0 0.9 0.9 0.9 0.9 0.9 0.9
11 12 13 14 15 16 17 18 19 20 1 12 3 4 5 6 7 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 142 kV 145 kV 145 kV 155 kV 260 kV 2765 kV	ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHA	1	283 730 961 627 0 961 627 0 114 71 0 0 114 71 0 0 984 2398 158 0 0 1366 0 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400K) URI 1,24 (8 40	3383 0 0 0 0 0 0 516 0 30 0 6 0 0 WR-NR 0 0 0 0 WR-NR 0 0 104 WR-SR Max (MW) 581 947 300 19 50 62	3.2 9.4 21.3 4.9 0.0 0.0 0.0 0.7 1.4 0.0 12.1 13.8 3.4 12.1 13.8 5.6 Min (MW) 472 613 159 -5 0 0 0 167	0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3 0.9 0.9 0.0 0.0 7.2
11 12 13 14 15 16 17 18 19 20 1 12 3 4 5 6 7 7 8	400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 142 kV 152 kV 153 kV 154 kV 155 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2	283 730 961 627 0 961 627 0 114 71 0 0 114 71 0 0 984 2398 158 0 0 1366 0 0 1366 0 0 0 CCHANGES Name RU-ALIPURDUAR 1AR RECEIPT (from 4*180MW) URI 1,24 (8 400K) URI 1,24 (8 40	3383 0 0 0 0 0 0 516 0 0 30 0 6 0 0 WR-NR 0 0 603 2590 3846 0 0 104 WR-SR Max (MW) 581 947 300 19 50 -62	3.2 9.4 21.3 4.9 0.0 0.0 0.7 1.4 0.0 12.1 3.3 4.9 0.0 0.0 12.1 13.8 3.4 12.1 13.8 5.2 6 Min (MW) 472 613 159 0 0 0 0 0 0 167	0.0 0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.2 9.4 21.3 1.5 0.0 2.6 0.7 1.4 0.0 12.1 13.8 -22.9 -52.6 24.9 0.0 0.0 1.8 -22.9 +ve)/Export(-ve) Energy Exchange (MU) 11.7 17.4 4.1 0.3 0.9 -0.9