

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

To.

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता - ७०००३३ 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.,२९ , रेस कोर्स क्रॉस रोड, बंगलुरु –५६०००९ Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 24.08.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-अगस्त-2020 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 24th August 2020, 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:

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	55895	39505	37990	21446	2929	157765
Peak Shortage (MW)	0	0	0	0	10	10
Energy Met (MU)	1212	916	875	442	54	3499
Hydro Gen (MU)	349	81	131	143	24	729
Wind Gen (MU)	19	181	68			268
Solar Gen (MU)*	32.50	16.12	85.27	4.60	0.06	139
Energy Shortage (MU)	0.2	0.0	0.0	0.0	0.0	0.2
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	57518	40239	40773	21391	2966	158478
Time Of Maximum Demand Met (From NLDC SCADA)	22:33	19:20	10:14	21:08	19:37	19:43
B. Frequency Profile (%)						
	-					

		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)	· -/	(MU)	,	(,	(MU)
	Punjab	10466	0	234.2	144.9	-1.4	94	0.0
	Haryana	8401	0	172.6	166.5	0.5	248	0.0
	Rajasthan	9193	0	205.1	81.0	-3.9	350	0.0
	Delhi	4474	0	96.1	84.0	-0.7	129	0.0
NR	UP	21011	0	387.6	189.5	1.4	547	0.2
	Uttarakhand	1781	0	39.3	16.6	0.8	153	0.0
	HP	1324	0	27.7	-4.8	-1.2	42	0.0
	J&K(UT) & Ladakh(UT)	2181	0	44.2	25.3	0.9	317	0.0
	Chandigarh	269	0	5.3	5.2	0.1	45	0.0
	Chhattisgarh	3718	0	85.9	26.7	-0.2	224	0.0
	Gujarat	11214	0	243.4	44.7	1.9	1030	0.0
	MP	8127	0	175.5	77.0	-0.9	398	0.0
WR	Maharashtra	16995	0	365.1	134.0	0.4	827	0.0
	Goa	390	0	8.0	7.4	-0.1	46	0.0
	DD	289	0	6.1	5.9	0.2	44	0.0
	DNH	702	0	15.8	15.7	0.1	42	0.0
	AMNSIL	737	0	16.5	1.4	0.1	240	0.0
	Andhra Pradesh	7652	0	163.6	57.3	1.8	846	0.0
	Telangana	9059	0	183.5	69.1	0.9	810	0.0
SR	Karnataka	8735	0	163.8	60.7	2.8	587	0.0
	Kerala	3351	0	68.4	45.7	0.5	170	0.0
	Tamil Nadu	13149	0	287.7	155.1	-2.7	433	0.0
	Puducherry	372	0	7.8	8.0	-0.3	63	0.0
	Bihar	5573	Ů	110.0	104.6	-0.7	436	0.0
	DVC	2859	0	63.1	-40.2	0.4	218	0.0
	Jharkhand	1439	0	26.1	18.5	-1.3	139	0.0
ER	Odisha	4388	Ů	84.8	17.2	-0.9	338	0.0
2.1	West Bengal	7688	0	156.7	59.8	3,2	537	0.0
	Sikkim	80	0	1.0	1.1	-0.2	6	0.0
	Arunachal Pradesh	111	1	2.0	1.6	0.4	23	0.0
	Assam	1932	20	35.4	31.1	0.4	108	0.0
	Manipur	186	20	2.6	2.5	0.1	38	0.0
NER	Meghalaya	314	0	5.8	0.2	0.0	27	0.0
141514	Mizoram	90	1	1.6	1.1	0.4	36	0.0
	Nagaland	126	2	2.2	2.5	-0.4	45	0.0
	Nagaiand Tripura	298	2	4.8	<u>2.5</u> 5.7	-0.4 0.1	21	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	54.6	-1.6	-25.6
Day Peak (MW)	2314.0	-229.3	-1089.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	309.2	-323.3	106.3	-94.2	2.0	0.0
Actual(MU)	290.9	-341.5	131.7	-90.3	3.6	-5.6
O/D/U/D(MU)	-18.3	-18.2	25.4	3.9	1.5	-5.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	5122	16708	10162	2155	610	34757
State Sector	13534	29222	14412	5942	11	63121
Total	18656	45929	24574	8097	621	97877

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	433	907	340	426	7	2113
Lignite	27	8	22	0	0	58
Hydro	349	81	131	143	24	729
Nuclear	26	32	57	0	0	115
Gas, Naptha & Diesel	33	47	15	0	26	121
RES (Wind, Solar, Biomass & Others)	70	197	185	5	0	457
Total	939	1272	750	574	57	3592
<u></u>				,		
Share of RES in total generation (%)	7.46	15.51	24.68	0.81	0.11	12.73
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	47.49	24.36	49.80	25.75	42.12	36.22

H. All India Demand Diversity Factor

Based on Regional Wax Demands	1.020
Based on State Max Demands	1.064

Dissert on State Max Demantos

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: 25-Aug-2020

Sl Voltage Level						Date of Reporting:	
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	25-Aug-2020 NET (MU)
		No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MC)	Export (MC)	MEI (MU)
Import/Export of ER	(With NR)						
1 HVDC	ALIPURDUAR-AGRA	2	0	1003	0.0	24.5	-24.5
2 HVDC	PUSAULI B/B		0	199	0.0	4.8	-4.8
3 765 kV	GAYA-VARANASI	2	0	483	0.0	7.1	-7.1
4 765 kV	SASARAM-FATEHPUR	1	184	0	2.4	0.0	2.4
5 765 kV	GAYA-BALIA	1	0	485	0.0	8.4	-8.4
6 400 kV	PUSAULI-VARANASI	<u> </u>	0	186	0.0	4.1	-4.1
7 400 kV	PUSAULI -ALLAHABAD	1	0	54	0.0	0.7	-0.7
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	0	638	0.0	11.6	-11.6
9 400 kV	PATNA-BALIA	4	0	784	0.0	13.2	-13.2
10 400 kV	BIHARSHARIFF-BALIA	2	0	315	0.0	4.9	-4.9
11 400 kV	MOTIHARI-GORAKHPUR	2	0	325	0.0	5.2	-5.2
12 400 kV	BIHARSHARIFF-VARANASI	2	84	64	0.2	0.0	0.2
13 220 kV	PUSAULI-SAHUPURI	1	0	139	0.0	2.4	-2.4
14 132 kV	SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15 132 kV	GARWAH-RIHAND	1	30	0	0.6	0.0	0.6
16 132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17 132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
				ER-NR	3.3	87.0	-83.7
Import/Export of ER	(With WR)						
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1272	0	19.8	0.0	19.8
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	1225	0	23.0	0.0	23.0
3 765 kV	JHARSUGUDA-DURG	2	136	76	0.9	0.0	0.9
4 400 kV	JHARSUGUDA-RAIGARH	4	203	75	1.7	0.0	1.7
5 400 kV	RANCHI-SIPAT	2	428	0	8.1	0.0	8.1
				127		1.3	
6 220 kV	BUDHIPADAR-RAIGARH	1	3		0.0		-1.3
7 220 kV	BUDHIPADAR-KORBA	2	160	0	2.3	0.0	2.3
				ER-WR	55.8	1.3	54.5
Import/Export of ER							
1 HVDC	JEYPORE-GAZUWAKA B/B	2	0	336	0.0	7.6	-7.6
2 HVDC	TALCHER-KOLAR BIPOLE	2	Ŏ	1724	0.0	29.8	-29.8
3 765 kV	ANGUL-SRIKAKULAM	2	Ö	2688	0.0	50.8	-50.8
4 400 kV	TALCHER-I/C	2.	1029	632	10.8	0.0	10.8
5 220 kV	DALIMELA LIDDED CHI EDDII	1	1	0	0.0	0.0	0.0
3 220 KV	BALIMELA-UPPER-SILERRU	1 1	1	ER-SR			
Import/Export of ER	(With NFR)			ER-SK	0.0	88.1	-88.1
				457	0.0	· · ·	()
1 400 kV	BINAGURI-BONGAIGAON	2	0	457	0.0	6.0	-6.0
2 400 kV	ALIPURDUAR-BONGAIGAON	2	0	564	0.0	7.4	-7.4
3 220 kV	ALIPURDUAR-SALAKATI	2	0	141	0.0	2.3	-2.3
			<u> </u>	ER-NER	0.0	15.7	-15.7
Import/Export of NEI	R (With NR)						
1 HVDC	BISWANATH CHARIALI-AGRA	2	0	604	0.0	14.6	-14.6
				NER-NR	0.0	14.6	-14.6
Import/Export of WR	(With NR)						
1 HVDC	CHAMPA-KURUKSHETRA	2	0	1001	0.0	28.3	-28.3
2 HVDC	VINDHYACHAL B/B		447	0	12.1	0.0	12.1
3 HVDC	MUNDRA-MOHINDERGARH	2	0		0.0		
				1456		25.6	-25.6
4 765 kV	GWALIOR-AGRA	2	0	2753	0.0	53.1	-53.1
5 765 kV	PHAGI-GWALIOR	2	0	1322	0.0	27.4	-27.4
6 765 kV	JABALPUR-ORAI	2	0	1007	0.0	39.4	-39.4
7 765 kV	GWALIOR-ORAI	1	420	0	8.7	0.0	8.7
8 765 kV	SATNA-ORAI	1	0	1540	0.0	33.3	-33.3
9 765 kV	CHITORGARH-BANASKANTHA	2	Ö	1191	0.0	20.7	-20.7
10 400 kV	ZERDA-KANKROLI	1	Ö	209	0.0	2.6	-2.6
11 400 kV	ZERDA -BHINMAL	1	193	283	0.0	2.4	-2.4
12 400 kV		1 1	972		23.1	0.0	
12 400 kV	VINDHYACHAL -RIHAND	1	972	0	23.1	0.0	23.1
13 400 kV	RAPP-SHUJALPUR	2	0	0 517	0.0	8.5	23.1 -8.5
13 400 kV 14 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR	1 2 1	0 11	0 517 0	0.0	8.5 1.5	23.1 -8.5 -1.5
13 400 kV 14 220 kV 15 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK		0 11 0	0 517 0 139	0.0 0.0 0.0	8.5 1.5 1.4	23.1 -8.5 -1.5 -1.4
13 400 kV 14 220 kV 15 220 kV 16 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA		0 11 0 73	0 517 0 139 20	0.0 0.0 0.0 0.1	8.5 1.5 1.4 0.6	23.1 -8.5 -1.5 -1.4 -0.5
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA		0 11 0 73 39	0 517 0 139 20 51	0.0 0.0 0.0 0.1 0.3	8.5 1.5 1.4 0.6 0.1	23.1 -8.5 -1.5 -1.4 -0.5 0.2
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR		0 11 0 73 39	0 517 0 139 20 51	0.0 0.0 0.0 0.1 0.3	8.5 1.5 1.4 0.6 0.1	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA		0 11 0 73 39	0 517 0 139 20 51	0.0 0.0 0.0 0.1 0.3	8.5 1.5 1.4 0.6 0.1	23.1 -8.5 -1.5 -1.4 -0.5 0.2
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR		0 11 0 73 39	0 517 0 139 20 51	0.0 0.0 0.0 0.1 0.3 0.0	8.5 1.5 1.4 0.6 0.1 0.0 0.0	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0 0.0
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR		0 11 0 73 39	0 517 0 139 20 51 0	0.0 0.0 0.0 0.1 0.3	8.5 1.5 1.4 0.6 0.1	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0
13	RAPP-SHUJALPUR BHANPUR-ARANPUR BHANPUR-AMORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)		0 11 0 73 39 0	0 517 0 139 20 51 0 WR-NR	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0 0.0 -200.6
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEEGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B		0 11 0 73 39 0	0 517 0 139 20 51 0 WR-NR	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0 0.0 -200.6
13	RAPF-SHUJALPUR BHANPUR-ARANPUR BHANPUR-AMORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGART-PUGALUR	1 1 1 1 1 1 2	0 11 0 73 39 0 0	0 517 0 139 20 51 0 WR-NR	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6
13	RAPE-SHUJALPUR BHANPURA-MORAK BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR	1 1 1 1 1 1 2	0 11 0 73 39 0 0	0 517 0 139 20 51 0 WR-NR	0.0 0.0 0.1 0.1 0.3 0.0 0.0 44.3	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 14 HVDC 3 765 kV 4 765 kV 16 16 16 16 16 16 16 1	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD	1 1 1 1 1 1 2 2	0 111 0 73 39 0 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6 -20.8 -21.7 -40.0
13	RAPF-SHUJALPUR BHANPURA-MORAK BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-RUDGI	1 1 1 1 1 1 2	0 11 0 73 39 0 0 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 10 14 14 14 15 15 16 16 16 16 16 16	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	0 111 0 73 39 0 0 0 0 557 0	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 1	0 11 0 73 39 0 0 0 0 511 0 557 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0	23.1 -8.5 -1.8 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -27 -20.8 -21.7 -40.0 -6.1 -0.0
13 400 kV 14 220 kV 15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 10 14 14 14 15 15 16 16 16 16 16 16	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	0 111 0 73 39 0 0 0 0 557 0	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0	0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 29.7 20.8 21.7 40.0 0.0 0.0	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0 0.0 -200.6 -9.7 -20.8 -21.7 -40.0 6.1 0.0 0.0
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 11 0 73 39 0 0 0 0 511 0 0 557 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 0 WR-SR	0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0	23.1 -8.5 -1.8 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -27 -20.8 -21.7 -40.0 -6.1 -0.0
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 11 0 73 39 0 0 0 0 511 0 557 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 0 WR-SR	0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 29.7 20.8 21.7 40.0 0.0 0.0	23.1 -8.5 -1.5 -1.4 -0.5 0.2 0.0 0.0 -200.6 -9.7 -20.8 -21.7 -40.0 6.1 0.0 0.0
13	RAPF-SHUJALPUR BHANPUR-ARANPUR BHANPUR-AMORAK MEHGAON-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA (GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDH-ANIZAMABAD 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	0 111 0 73 39 0 0 0 0 511 0 557 0 0	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -27 -20.8 -21.7 -40.0 -6.1 -0.0 -1.4 -84.6
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	0 11 0 73 39 0 0 0 0 511 0 0 557 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 0 WR-SR	0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 29.7 20.8 21.7 40.0 0.0 0.0	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -0.0
13	RAPF-SHUJALPUR BHANPUR-ARANPUR BHANPUR-AMORAK MEHGAON-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA (GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDH-ANIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	0 111 0 73 39 0 0 0 0 511 0 557 0 0	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -27 -20.8 -21.7 -40.0 -6.1 -0.0 -1.4 -84.6
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 111 0 73 39 0 0 0 0 511 0 0 5511 0 0 0 NATIONAL EXCHA	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR NGES	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 24.8 Avg (MW)	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -24.6
13	RAPF-SHUJALPUR BHANPUR-ARANPUR BHANPUR-AMORAK MEHGAON-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA MALASPUR-AURAIYA (GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDH-ANIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	0 111 0 73 39 0 0 0 1 0 1 511 0 0 557 0 0 NATIONAL EXCHA Name	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -0.0
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI		0 111 0 73 39 0 0 0 0 0 0 0 0 0 511 0 0 557 0 0 0 NATIONAL EXCHA Name U-ALIPURDUAR I&2 CCEIPT (from 42180MW)	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR NGES	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -24.6
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION	1	0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 557 0 0 0 NATIONAL EXCHA Name UU-ALIPURDUAR 1&2 CEIPT (from \$\$^{18}B0W)\$ URI 12,4 (& 400K)	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 4vg (MW)	2.3.1 -8.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	0 111 0 73 39 0 0 0 0 511 0 0 511 0 0 S511 0 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 4*1804TW) URI 1,2,4 (& 4000V) RR) 1.e. BINAGURI	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR NGES	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -24.6
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION	1	0 111 0 73 39 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 4vg (MW)	2.3.1 -8.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROHAPUR-GHIKODI PONDA-AMBEWADI Region ER ER	1	0 111 0 73 39 0 0 0 0 0 511 0 5511 0 0 0 STII 0 0 NATIONAL EXCHA Name (IALIPURDUAR 1&2 CELIPT (from 14 180AW) URI 1,2,4 (& 4000V) RIGH 1,2,4 (& 4000V) RIGH 1,2,9 (& 4000V) RIG	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR Max (MW)	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 92.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION		0 111 0 73 39 0 0 0 0 0 0 0 0 511 0 0 557 0 0 0 NATIONAL EXCHA Name 1 SOMW) 1 SOMW) 1 SOMW (18) 12,4 (4 400kV) 1 RI 1,2,4 (4 400kV) 1 RI 1,2,4 (8 400kV) 1 PARA 182 (& 220kV) 1 C BINAGURI 1 PARA 182 (& 220kV) 1 C BINAGURI 1 A EN (6 220kV) 1 C BINAGURI 1 A EN (6 400kV) 1 C BINAGURI 1 C BINAGU	0 517 0 139 20 51 0 0 WR-NR 403 1641 1834 2472 0 0 0 80 WR-SR	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 4vg (MW)	2.3.1 -8.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROHAPUR-GHIKODI PONDA-AMBEWADI Region ER ER	1	0 111 0 73 39 0 0 0 0 0 0 0 0 511 0 0 557 0 0 0 NATIONAL EXCHA Name 1 SOMW) 1 SOMW) 1 SUBJECT (from 14 SOMW) 1 SUBJECT (From 14 SOMW) 1 SUBJECT (From 15 SINAGURI ALE) 1 SUBJECT (From 16 SINAGURI ALE) 1 SUBJECT (From 17 SINAGURI ALE) 1 SUBJECT (From 18 SINAGURI ALE) 1 SUBJECT (FROMW) 1 SUBJECT (FROMW	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR Max (MW)	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 92.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SAN HANDAH MADHOPUR RAJIGHAT-LALITPUR (WITH SR) BHADBAWATI BJB RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-RUICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	I I I I I I I I I I I I I I I I I I I	0 111 0 73 39 0 0 0 0 0 0 0 511 0 0 557 0 0 0 NATIONAL EXCHA Name 10 HUJALIPURDUAR 1&2 CEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) A HEP (6*170MW) PARA 1&2 (& 220kV) A Le BIRPARA KHA HEP 4*84MW)	0 517 0 0 139 20 51 0 0 WR-NR 51 1641 1834 2472 0 0 0 80 WR-SR MGES Max (MW) 777 1027 373	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 22.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPE-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROHAPUR-GHIKODI PONDA-AMBEWADI Region ER ER		0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 10 HUJALIPURDUAR 1&2 CEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) A HEP (6*170MW) PARA 1&2 (& 220kV) 1,6 BIRPARA KHA HEP 4*84MW)	0 517 0 139 20 51 0 WR-NR 403 1641 1834 2472 0 0 0 WR-SR Max (MW)	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 92.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SAN HANDAH MADHOPUR RAJIGHAT-LALITPUR (WITH SR) BHADBAWATI BJB RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-RUICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	I I I I I I I I I I I I I I I I I I I	0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 10 HUJALIPURDUAR 1&2 CEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) A HEP (6*170MW) PARA 1&2 (& 220kV) 1,6 BIRPARA KHA HEP 4*84MW)	0 517 0 0 139 20 51 0 0 WR-NR 0 1641 1834 2472 0 0 0 80 WR-SR Max (MW) 777 1027 373	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 22.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER		0 111 0 73 39 0 0 0 0 1511 0 1511 0 1557 0 0 10 1511 0 NATIONAL EXCHA Name U-ALIPURDUAR 182 SCEIPT (from 181 12,4 (& 400KV) URD 11,2 (& 400KV) URD 11,2 (& 400KV) RD 11,2 (& 400KV) A) 1.c. BIRPARA KHA HEP #98MW) U-SALAKATI	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 92.1 Avg (MW) 758 1027	23.1 -8.5 -1.5 -1.4 -0.5 -0.5 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SAN HANDAH MADHOPUR RAJIGHAT-LALITPUR (WITH SR) BHADBAWATI BJB RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-RUICHUR WARDHA-MIZ-MADHOPUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	I I I I I I I I I I I I I I I I I I I	0 111 0 73 39 0 0 0 0 1511 0 1511 0 1557 0 0 10 1511 0 NATIONAL EXCHA Name U-ALIPURDUAR 182 SCEIPT (from 181 12,4 (& 400KV) URD 11,2 (& 400KV) URD 11,2 (& 400KV) RD 11,2 (& 400KV) A) 1.c. BIRPARA KHA HEP #98MW) U-SALAKATI	0 517 0 0 139 20 51 0 0 WR-NR 0 1641 1834 2472 0 0 0 80 WR-SR Max (MW) 777 1027 373	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 22.1 Avg (MW) 758	23.1 -8.5 -1.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER		0 111 0 73 39 0 0 0 0 1511 0 1511 0 1557 0 0 10 1511 0 NATIONAL EXCHA Name U-ALIPURDUAR 182 SCEIPT (from 181 12,4 (& 400KV) URD 11,2 (& 400KV) URD 11,2 (& 400KV) RD 11,2 (& 400KV) A) 1.c. BIRPARA KHA HEP #98MW) U-SALAKATI	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 92.1 Avg (MW) 758 1027	23.1 -8.5 -1.5 -1.4 -0.5 -0.5 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -84.6 Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI BJB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDH-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER		0 111 0 73 39 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 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 10221 Avg (MW) 758	2.3.1 -8.5 -1.5 -1.5 -1.5 -1.6 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER	- Land State of the Control of the C	0 111 0 73 39 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 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 92.1 Avg (MW) 758 1027	23.1 -8.5 -1.5 -1.4 -0.5 -0.5 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -84.6 Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI BJB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDH-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER		0 111 0 73 39 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 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 10221 Avg (MW) 758	2.3.1 -8.5 -1.5 -1.5 -1.5 -1.6 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER NER	- 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 INTER LINE ### ALIPURDIA HEP ### ANAIGNEUH HEP ### ANAIG	0 111 0 73 39 0 0 0 0 0 1 0 1 511 0 0 557 0 0 0 1 511 0 0 NATIONAL EXCHA Name (IU-ALIPURDUAR IN2 SCEIPT (from 194 ISBOWW) (IRI) i.e. BINAGURI A HEP (6* 170MW) PARA 182 (8* 220kV A) i.e. BINAGURI KIH A HEP (4* 184 MW) (J. SALAKATI iia	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 337 -55 -53	23.1 -8.5 -1.5 -1.4 -0.5 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -20.8 -21.7 -40.0 -6.1 -84.6 Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI BJB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDH-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	- Land State of the Control of the C	0 111 0 73 39 0 0 0 0 0 1 0 1 511 0 0 557 0 0 0 1 511 0 0 NATIONAL EXCHA Name (IU-ALIPURDUAR IN2 SCEIPT (from 194 ISBOWW) (IRI) i.e. BINAGURI A HEP (6* 170MW) PARA 182 (8* 220kV A) i.e. BINAGURI KIH A HEP (4* 184 MW) (J. SALAKATI iia	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 0.0 10221 Avg (MW) 758	2.3.1 -8.5 -1.5 -1.5 -1.5 -1.6 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -20.8 -21.7 -20.8 -21.7 -40.0 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER NER	- 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 INTER LINE ### ALIPURDIA HEP ### ANAIGNEUH HEP ### ANAIG	0 111 0 73 39 0 0 0 0 0 1 0 1 511 0 0 557 0 0 0 1 511 0 0 NATIONAL EXCHA Name (IU-ALIPURDUAR IN2 SCEIPT (from 194 ISBOWW) (IRI) i.e. BINAGURI A HEP (6* 170MW) PARA 182 (8* 220kV A) i.e. BINAGURI KIH A HEP (4* 184 MW) (J. SALAKATI iia	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 337 -55 -53	23.1 -8.5 -1.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -6.1 -84.6 Energy Exchange (MU) -18.2 -1.3 -1.3 -1.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER NER		0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 0 NATIONAL EXCHA Value 194 1860WV) 194 1860WV 195 181 12,4 (4 400kV 196 181 12,4 (4 400kV 197 181 182 (6 220kV 197 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 181 181 181 181 181 181 181 18	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 337 -55 -53	23.1 -8.5 -1.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -6.1 -84.6 Energy Exchange (MU) -18.2 -1.3 -1.3 -1.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPURA-URAIYA MALAPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI ROLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER NER	- 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 0 NATIONAL EXCHA Value 194 1860WV) 194 1860WV 195 181 12,4 (4 400kV 196 181 12,4 (4 400kV 197 181 182 (6 220kV 197 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 181 181 181 181 181 181 181 18	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 0.0 244.8 9.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 337 -55 -53	23.1 -8.5 -1.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -0.0 -200.6 -200.6 -21.7 -40.0 -6.1 -6.1 -6.1 -84.6 Energy Exchange (MU) -18.2 -1.3 -1.3 -1.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-HIKODI PONDA-AMBEWADI REGION ER ER ER NER NER		0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 0 NATIONAL EXCHA Value 194 1860WV) 194 1860WV 195 181 12,4 (4 400kV 196 181 12,4 (4 400kV 197 181 182 (6 220kV 197 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 181 181 181 181 181 181 181 18	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 224.8 1027 Avg (MW) 758 1027 -55 -53 -19	2.3.1 -8.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -20.8 -21.7 -40.0 -6.1 -0.0 -0.0 -20.8 -21.7 -40.0 -3.1 -40.0 -3.1 -3.1 -3.1 -1.3 -0.5 -0.1
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-HIKODI PONDA-AMBEWADI REGION ER ER ER NER NER	- 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 111 0 73 39 0 0 0 0 0 0 0 1 511 0 0 557 0 0 0 NATIONAL EXCHA Name 0 NATIONAL EXCHA Value 194 1860WV) 194 1860WV 195 181 12,4 (4 400kV 196 181 12,4 (4 400kV 197 181 182 (6 220kV 197 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 182 (8 220kV 197 181 181 181 181 181 181 181 181 181 18	0	0.0 0.0 0.0 0.0 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 224.8 1027 Avg (MW) 758 1027 -55 -53 -19	23.1 -8.5 -1.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -20.8 -21.7 -40.0 -3.1 -40.0 -3.1 -40.0 -3.1 -40.0 -3.1 -40.0 -
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPURA-URAIYA MALAPPURA-URAIYA GWALIOR-SAWAH MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADBAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER NER NER NER NER NER NER	I I I I I I I I I I I I I I I I I I I	0 111 0 73 39 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 0.1 0.3 0.0 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016 0 -19	8.5 1.5 1.4 0.6 0.1 0.0 0.1 0.0 0.0 244.8 9.7 40.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 337 -55 -53 -19 -3 -47	23.1 -8.5 -1.5 -1.4 -0.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -200.6 -21.7 -40.0 -0.1 -0.0 -0.0 -1.4 -84.6 Energy Exchange (MU) -1.3 -1.3 -1.3 -0.5 -0.1
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA MALAYPUR-AURAIYA (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-KULGI KOI-HAPUR-HIKODI PONDA-AMBEWADI REGION ER ER ER NER NER	- 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 111 0 73 39 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 0.1 0.3 0.0 0.0 44.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 7.5 Min (MW) 0 1016	8.5 1.5 1.4 0.6 0.1 0.0 0.0 244.8 9.7 20.8 21.7 40.0 0.0 0.0 0.0 0.0 224.8 1027 Avg (MW) 758 1027 -55 -53 -19	23.1 -8.5 -1.5 -1.5 -1.4 -0.5 -0.2 -0.0 -0.0 -200.6 -200.6 -200.6 -21.7 -40.0 -6.1 -0.0 -0.0 -20.8 -21.7 -40.0 -3.1 -40.0 -3.1 -40.0 -3.1 -40.0 -3.1 -40.0 -
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