

## 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

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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 19<sup>th</sup> July 2021

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 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 18.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-जुलाई-2021 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध है ।

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 18<sup>th</sup> July 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day

A Power Supply Position at All India and Regional level Date of Reporting: 19-Jul-2021

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58653	47940	33651	22902	2859	166005
Peak Shortage (MW)	200	0	0	0	2	202
Energy Met (MU)	1426	1143	806	504	54	3933
Hydro Gen (MU)	362	22	99	131	33	647
Wind Gen (MU)	41	141	156			338
Solar Gen (MU)*	47.58	22.89	57.38	4.65	0.16	133
Energy Shortage (MU)	15.95	0.50	0.00	0.00	0.05	16.50
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	69209	49026	37698	23647	2918	178918
Time Of Maximum Demand Met (From NLDC SCADA)	00:00	00:01	11:56	22:23	18:52	00:00

•		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortag (MU)
	Punjab	12831	0	299.4	183.0	-1.5	93	12.28
	Harvana	10353	0	209.3	174.0	0.0	266	0.00
	Rajasthan	11848	0	260.3	71.3	-2.7	864	0.00
	Delhi	6045	0	120.6	106.8	-0.9	219	0.00
NR	UP	23284	0	417.2	206.9	-2.7	435	0.00
	Uttarakhand	1833	0	37.7	10.6	-0.3	356	0.22
	HP	1365	0	28.3	-5.0	-3.1	0	0.00
	J&K(UT) & Ladakh(UT)	2333	250	46.4	21.5	-0.5	210	3.45
	Chandigarh	311	0	6.4	6.9	-0.5	0	0.00
	Chhattisgarh	4775	26	113.0	56.6	-1.5	356	0.50
	Gujarat	14411	0	328.9	138.3	0.2	923	0.00
	MP	10596	0	231.8	152.4	-1.2	664	0.00
WR	Maharashtra	18124	0	414.9	140.2	-3.4	652	0.00
	Goa	490	0	10.3	9.1	0.6	87	0.00
	DD	313	0	6.0	6.0	0.0	47	0.00
	DNH	813	0	18.6	18.6	0.0	55	0.00
	AMNSIL	862	0	19.6	6.0	0.2	369	0.00
	Andhra Pradesh	7332	0	157.8	35.8	-0.1	669	0.00
	Telangana	9796	0	188.4	75.3	-0.2	717	0.00
SR	Karnataka	7079	0	136.2	-9.7	-1.0	512	0.00
	Kerala	2790	0	58.2	24.7	-0.3	281	0.00
	Tamil Nadu	11360	0	258.0	108.0	-2.4	391	0.00
	Puducherry	345	0	7.3	7.6	-0.3	36	0.00
	Bihar	6179	0	117.6	111.2	-1.6	405	0.00
	DVC	2971	0	64.7	-41.6	0.5	229	0.00
	Jharkhand	1529	0	28.2	24.3	-3.4	128	0.00
ER	Odisha	5872	0	118.5	48.5	0.6	248	0.00
	West Bengal	8711	0	173.8	56.8	0.4	501	0.00
	Sikkim	70	0	1.1	1.2	-0.1	15	0.00
	Arunachal Pradesh	135	0	2.3	2.6	-0.4	11	0.01
	Assam	1861	0	34.9	27.3	0.8	124	0.00
	Manipur	200	0	2.6	2.7	-0.1	23	0.01
NER	Meghalaya	311	0	5.6	1.7	0.0	102	0.00
	Mizoram	103	0	1.6	1.5	-0.1	21	0.01
	Nagaland	132	0	2.5	2.3	-0.1	9	0.01
	Tripura	268	0	4.7	3.9	0.2	57	0.01

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	48.6	-3.8	-22.4
Day Peak (MW)	2067.0	-291.9	-969.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	339.2	-223.2	-43.1	-69.0	-3.9	0.0
Actual(MU)	317.3	-192.6	-44.4	-83.8	-5.2	-8.7
O/D/U/D(MU)	-21.9	30.6	-1.3	-14.8	-1.3	-8.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4692	13988	8982	1680	622	29963	43
State Sector	7460	19652	8415	4045	53	39625	57
Total	12152	33640	17397	5725	675	69588	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	585	1097	426	467	10	2585	64
Lignite	20	11	39	0	0	70	2
Hydro	362	22	99	131	33	647	16
Nuclear	30	32	42	0	0	104	3
Gas, Naptha & Diesel	30	27	9	0	22	88	2
RES (Wind, Solar, Biomass & Others)	109	164	245	5	0	522	13
Total	1137	1353	859	602	65	4016	100
CI APPOLLANT AL (A/)							i e
Share of RES in total generation (%)	9.62	12.09	28.46	0.77	0.25	13.01	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	44.13	16.07	44.86	22.51	50.90	31.70	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.020
Based on State Max Demands	1 049

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: 19-Jul-2021

Sl Voltage Level						Date of Reporting:	19-Jul-2021
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
		No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MC)	Export (MO)	NEI (MU)
Import/Export of ER	(With NR)						
1 HVDC	ALIPURDUAR-AGRA	2	0	1202	0.0	29.7	-29.7
2 HVDC	PUSAULI B/B		0	245	0.0	6.1	-6.1
3 765 kV	GAYA-VARANASI	2	0	434	0.0	6.8	-6.8
4 765 kV	SASARAM-FATEHPUR	1	294	47	2.4	0.0	2.4
5 765 kV	GAYA-BALIA	1	0	494	0.0	8.3	-8.3
6 400 kV	PUSAULI-VARANASI	<u> </u>	0	231	0.0	4.8	-4.8
7 400 kV	PUSAULI -ALLAHABAD	1	0	80	0.0	1.1	-1.1
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	0	460	0.0	8.1	-8.1
9 400 kV	PATNA-BALIA	4	0	813	0.0	15.2	-15.2
10 400 kV	BIHARSHARIFF-BALIA	2	0	267	0.0	4.3	-4.3
11 400 kV	MOTIHARI-GORAKHPUR	2	0	275	0.0	4.8	-4.8
12 400 kV	BIHARSHARIFF-VARANASI	2	78	121	0.0	1.2	-1.2
13 220 kV	PUSAULI-SAHUPURI	<u> </u>	0	149	0.0	2.5	-2.5
14 132 kV	SONE NAGAR-RIHAND	+ +	0	0	0.0	0.0	0.0
15 132 kV	GARWAH-RIHAND	<u> </u>	20	0	0.6	0.0	0.6
16 132 kV 17 132 kV	KARMANASA-SAHUPURI	+ +	0	0	0.0	0.0	0.0
1/ 132 KV	KARMANASA-CHANDAULI	1 1	0	ER-NR	0.0	92.8	0.0
Import/Export of ER	(With WD)			ER-NK	3.0	72.0	-89.9
			700	450	0.7	0.0	0.7
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	700	470	0.7	0.0	0.7
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	2197	0	35.2	0.0	35.2
3 765 kV	JHARSUGUDA-DURG	2	245	0	5.7	0.0	5.7
4 400 kV	JHARSUGUDA-RAIGARH	4	89	280	0.0	4.6	-4.6
5 400 kV	RANCHI-SIPAT	2	569	0	8.0	0.0	8.0
6 220 kV	BUDHIPADAR-RAIGARH	1	0	159	0.0	2.9	-2.9
7 220 kV	BUDHIPADAR-KORBA	2	136	0	1.2	0.0	1.2
			. 100	ER-WR	50.7	7.5	43.2
Import/Export of ER	(With SR)			12K-11K	24.1	1.0	73.4
1 HVDC	JEYPORE-GAZUWAKA B/B	2	197	0	3.5	0.0	3.5
2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1640	0.0	31.9	-31.9
3 765 kV	ANGUL-SRIKAKULAM	2	0	1867	0.0	26.3	-26.3
	TALCHER-I/C	2	369	893	0.0	8.6	
		1	369	893	0.0	0.0	-8.6 0.0
5 220 kV	BALIMELA-UPPER-SILERRU			ER-SR			
Import/Export of ER	(With NED)			ER-SK	3.5	58.2	-54.7
		1 4	Ι Δ	385	0.0	5.1	<i>5</i> 1
1 400 kV	BINAGURI-BONGAIGAON	2	0		0.0	3.2	-5.1
2 400 kV	ALIPURDUAR-BONGAIGAON	2 2	41	418	0.0	3.2 1.9	-3.2
3 220 kV	ALIPURDUAR-SALAKATI		0	135	0.0		-1.9
Import/Export of NEI	O (With ND)			ER-NER	0.0	10.1	-10.1
Import/Export of NEI	R (WITH NR)		_			17.1	
1 HVDC	BISWANATH CHARIALI-AGRA	2	0	703	0.0	17.1	-17.1
T 4/E 4 - 6 M/D	(Milet NID)			NER-NR	0.0	17.1	-17.1
Import/Export of WR						75 1	
1 HVDC	CHAMPA-KURUKSHETRA	2	0	4531	0.0	57.1	-57.1
2 HVDC	VINDHYACHAL B/B		195	254	3.3	1.8	1.5
3 HVDC	MUNDRA-MOHINDERGARH	2	0	1914	0.0	42.4	-42.4
4 765 kV	GWALIOR-AGRA	2	0	3080	0.0	53.2	-53.2
5 765 kV	GWALIOR-PHAGI	2	0	1600	0.0	27.8	-27.8
6 765 kV	JABALPUR-ORAI	2	0	1245	0.0	44.3	-44.3
7 765 kV	GWALIOR-ORAI	1	645	0	10.8	0.0	10.8
8 765 kV	SATNA-ORAI	1	0	1550	0.0	31.1	-31.1
9 765 kV	BANASKANTHA-CHITORGARH	2	314	494	0.0	2.0	-2.0
10 400 kV	ZERDA-KANKROLI	1	197	52	1.9	0.0	1.9
11 400 kV	ZERDA -BHINMAL	1	484	99	5.0	0.0	5.0
						0.0	
1 12 1 400 kV		1 1	965	0	22.1	0.0	22.1
12 400 kV 13 400 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2	965 50	0 471	22.1 0.0		22.1 -4.5
13 400 kV	RAPP-SHUJALPUR	2	50	471	0.0	4.5	-4.5
13 400 kV 14 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR		50 21	471 68	0.0	4.5 0.6	-4.5 -0.6
13 400 kV 14 220 kV 15 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK		50 21 0	471 68 30	0.0 0.0 0.4	4.5 0.6 0.1	-4.5 -0.6 0.3
13 400 kV 14 220 kV 15 220 kV 16 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA		50 21 0 78	471 68 30 27	0.0 0.0 0.4 0.1	4.5 0.6 0.1 0.4	-4.5 -0.6 0.3 -0.3
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		50 21 0 78 42	471 68 30 27 48	0.0 0.0 0.4 0.1 0.5	4.5 0.6 0.1 0.4 0.0	-4.5 -0.6 0.3 -0.3 0.5
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		50 21 0 78 42 0	471 68 30 27 48	0.0 0.0 0.4 0.1 0.5	4.5 0.6 0.1 0.4 0.0 0.0	-4.5 -0.6 0.3 -0.3 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		50 21 0 78 42	471 68 30 27 48 0	0.0 0.0 0.4 0.1 0.5 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0	-4.5 -0.6 0.3 -0.3 0.5 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 MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR		50 21 0 78 42 0	471 68 30 27 48	0.0 0.0 0.4 0.1 0.5	4.5 0.6 0.1 0.4 0.0 0.0	-4.5 -0.6 0.3 -0.3 0.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RRAJGHAT-LALITPUR (With SR)		50 21 0 78 42 0	471 68 30 27 48 0 WR-NR	0.0 0.0 0.4 0.1 0.5 0.0 44.2	4.5 0.6 0.1 0.4 0.0 0.0 0.0	-4.5 -0.6 0.3 -0.3 0.5 0.0 0.0
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B		50 21 0 78 42 0 0	471 68 30 27 48 0 0 WR-NR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4	-4.5 -0.6 0.3 -0.3 0.5 0.0 0.0 -221.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGART-PUGALUR	1 1 1 1 1 1 2	50 21 0 78 42 0 0 300	471 68 30 27 48 0 0 WR-NR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4	-4.5 -0.6 0.3 -0.3 0.5 0.0 0.0 -221.3
13	RAPP-SHUJALPUR BHANPURA-MOPAK BHANPURA-MOPAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR	1 1 1 1 1 1 1 2	50 21 0 78 42 0 0 0	471 68 30 27 48 0 0 WR-NR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4	-4.5 -0.6 0.3 -0.3 -0.3 0.5 0.0 0.0 -221.3  7.3 23.3 27.7
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	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 1 1 1 1 1 2 2	50 21 0 78 42 0 0 0 300 974 2163 580	471 68 30 27 48 0 0 WR-NR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 11.9	-4.5 -0.6 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3 -7.3 -23.3 -27.7 -10.2
13	RAPP-SHUJALPUR BHANPURA-MORAK BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B SOLAPUR-RAICHUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 2	50 21 0 78 42 0 0 0 300 974 2163 580 1256	471 68 30 27 48 0 0 WR-NR	0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0	-4,5 -0.6 0.3 -0.3 -0.5 0.0 0.0 -221,3 -7,3 -23,3 -27,7 -10,2 -22,6
13	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-RUDGI KOLHAPUR-RUDGI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	50 21 0 78 42 0 0 300 974 2163 580 1256 0	471 68 30 27 48 0 0 WR-NR 0 0 1433 0	0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 11.9 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 23.7 -10.2 22.6 -0.0
13	RAPP-SHUJALPUR BHANPURA-MORAK BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADBAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	50 21 0 78 42 0 0 300 974 2163 580 1256 0	471 68 30 27 48 0 0 WR-NR 0 0 0 1433 0 0	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 0.3 -0.3 -0.3 -0.5 0.0 0.0 -221.3  7.3 23.3 27.7 -10.2 22.6 0.0 0.0
13	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-RUDGI KOLHAPUR-RUDGI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	50 21 0 78 42 0 0 300 974 2163 580 1256 0	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -0.1 -1.4
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WILIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (WIth SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1	300 300 300 300 974 2163 580 1256 0	471 68 30 27 48 0 0 WR-NR 0 0 0 1433 0 0	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 0.3 -0.3 -0.3 -0.5 0.0 0.0 -221.3  7.3 23.3 27.7 -10.2 22.6 0.0 0.0
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WILIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (WIth SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1	300 300 300 300 974 2163 580 1256 0	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4,5 -0.6 0.3 -0.3 -0.3 -0.5 0.0 0.0 -221,3  7,3 22,7 -10,2 22,6 0.0 0.0 1,4 72,2 +ve)/Export(-ve)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI VELDEM-AMBEWADI IN	1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	300 300 300 300 300 300 974 2163 580 1256 0 0	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0 WR-SR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 22.3 27.7 1.8 22.6 0.0 0.0 0.0	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 11.9 0.0 0.0 11.9 1mport(	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WILIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (WIth SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI PONDA-AMBEWADI XELDEM-AMBEWADI	1	50   21   0   78   42   0   0   300   974   2163   580   1256   0   0   0	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4,5 -0.6 0.3 -0.3 -0.3 -0.5 0.0 0.0 -221,3  7,3 22,7 -10,2 22,6 0.0 0.0 1,4 72,2 +ve)/Export(-ve)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI RO	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 21 0 78 42 0 0 0 300 974 2163 580 0 1256 0 0 CHANGES Name	471 68 30 27 48 0 0 WR-NR 0 0 0 1433 1433 0 0 0 75 WR-SR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9  Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 -+ve)/Export(-ve) Energy Exchange
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI VELDEM-AMBEWADI IN	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50   21   21   0   0   78   42   0   0   1   21   1   2   2   2   2   2   2	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0 WR-SR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 22.3 27.7 1.8 22.6 0.0 0.0 0.0	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 11.9 0.0 0.0 11.9 1mport(	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI RO	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50   21   0   78   42   0   0   0   300   974   2163   580   0   0   0   0   0   0   0   0   0 	471 68 30 27 48 0 0 WR-NR 0 0 0 1433 1433 0 0 0 75 WR-SR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9  Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 -+ve)/Export(-ve) Energy Exchange
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER	1	50 21 0 78 42 0 0 300 974 2163 580 1256 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW)	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 WR-NR  Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 11.9 0.0 0.0 0.0 11.9 Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 27.7 -10.2 -22.6 -0.0 -0.0 1.4 72.2 +ve)/Export(-ve) Energy Exchange (MU) 15.6
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI KOLHAPUR-BUBGI ROHAPUR-BUBGI RO		50 21 0 78 42 0 0 300 974 2163 580 0 0 1256 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 9 180MW) URI 1,2,4 (& 400kV) RRI 1,2,4 (& 40kV) RRI 1,2,4 (& 400kV) RRI 1,2 (& 400kV) RRI 1	471 68 30 27 48 0 0 WR-NR 0 0 0 1433 1433 0 0 0 75 WR-SR	0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9  Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 27.7 -10.2 22.6 -0.0 -0.0 -1.4 72.2 +ve)/Export(-ve) Energy Exchange (MU)
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 21 0 78 42 0 0 300 974 2163 580 1256 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 19180MW) (RI) i.e. BINAGURI RID i.e. BINAGURI AREP (6#120MW)	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 WR-NR  Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 11.9 0.0 0.0 0.0 11.9 Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) -15.6
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WAIYA MALANPURA-WAIYA MALANPURA-WAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SIR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI XELDEM-AMBEWADI  IN Region  ER  ER		50   21   21   0   0   1   21   1   21   1   21   2	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0 0 75 WR-SR Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER	TERNATIONAL EX  2  2  2  2  2  2  1  1  TERNATIONAL EX  400KV MANGDECH  1,2&3 i.e. ALIPURDU  400KV MANGDECH  4	50   21   0   78   42   0   0   300   974   2163   580   1256   0   0   0   0   0   0   CHANGES   Name   1800 Na	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 WR-NR  Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 11.9 0.0 0.0 0.0 11.9 Import( Avg (MW)	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) -15.6
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WAIYA MALANPURA-WAIYA MALANPURA-WAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SIR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI XELDEM-AMBEWADI  IN Region  ER  ER		50   21   0   78   42   0   0   300   974   2163   580   1256   0   0   0   0   0   0   CHANGES   Name   1800 Na	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0 0 75 WR-SR Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARIP-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region  ER  ER	TERNATIONAL EX  2  2  2  2  2  2  1  1  TERNATIONAL EX  400KV MANGEEH  1,2&3 i.e. ALIPURDU  400KV MANGEL BIRAGI  MAUSA TALL BIRAGI  MALBASE T. HONAGU  RECEIPT (From TALL  RECEIPT (From CHU	50   21   21   0   78   42   0   0   1   21   1   2	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import  Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 227.7 -10.2 22.6 -0.0 -0.0 1.4 72.2 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-WAIYA MALANPURA-WAIYA MALANPURA-WAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SIR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-RUDGI XELDEM-AMBEWADI  IN Region  ER  ER	TERNATIONAL EX  2  2  2  2  2  2  1  1  TERNATIONAL EX  400KV MANGDECH  1,2&3 i.e. ALIPURDU  400KV MANGDECH  4	50   21   21   0   78   42   0   0   1   21   1   2	471 68 30 27 48 0 0 WR-NR 0 0 1433 0 0 0 0 75 WR-SR Max (MW)	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4  0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARIP-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region  ER  ER	TERNATIONAL EX  2  2  2  2  2  2  1  1  TERNATIONAL EX  400KV MANGEEH  1,2&3 i.e. ALIPURDU  400KV MANGEL BIRAGI  MAUSA TALL BIRAGI  MALBASE T. HONAGU  RECEIPT (From TALL  RECEIPT (From CHU	50   21   21   0   78   42   0   0   1   21   1   2	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import  Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  ER  ER	TERNATIONAL EX  2  2  2  2  2  2  1  1  TERNATIONAL EX  400KV MANGEEH  1,2&3 i.e. ALIPURDU  400KV MANGEL BIRAGI  MAUSA TALL BIRAGI  MALBASE T. HONAGU  RECEIPT (From TALL  RECEIPT (From CHU	50   21   21   0   0   78   42   0   0   1   24   2   0   0   1   24   2   2   2   2   2   2   2   2	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 11.9 0.0 0.0 11.9 Import  Avg (MW) 651	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (WALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARIP-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-RUIGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region  ER  ER	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50   21   21   0   0   78   42   0   0   1   24   2   0   0   1   24   2   2   2   2   2   2   2   2	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 11.9 1Importt Avg (MW) 651 1023 270	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 -+ve)/Export(-ve) Energy Exchange (MU) -15.6 -24.8 -6.5 -6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  ER  ER	TERNATIONAL EX  2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2 2	50	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 11.9 1Importt Avg (MW) 651 1023 270	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 -+ve)/Export(-ve) Energy Exchange (MU) -15.6 -24.8 -6.5 -6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  ER  ER		50	471 68 30 27 48 0 WR-NR 0 0 WR-NR 0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 11.9 1Importt Avg (MW) 651 1023 270	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 -23.3 -27.7 -10.2 -22.6 -0.0 -0.0 -1.4 -72.2 -+ve)/Export(-ve) Energy Exchange (MU) -15.6 -24.8 -6.5 -6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SHEET SH	TERNATIONAL EX  2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2 2	50	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR  1023 299	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -1.4 1.4 22.4 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8  6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SHEET SH	TERNATIONAL EX  2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	50   21   21   0   0   0   0   0   0   0   0   0	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR  1023 299	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -1.4 1.4 22.4 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8  6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA MALAPPUR-AURAIYA (WITH SHEET SH		50   21   21   0   0   0   0   0   0   0   0   0	471 68 30 27 48 0 WR-NR  0 0 1433 0 0 75 WR-SR  1023 299	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -1.4 1.4 22.4 +ve)/Export(-ve) Energy Exchange (MU) 15.6  24.8  6.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAF-LALITPUR (With SR) BHADBAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN  Region  ER  ER  ER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	50   21   21   0   0   0   0   0   0   0   0   0	471 68 30 27 48 0 WR-NR 0 WR-NR 0 0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.1 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 11.9 1mport( Avg (MW) 651 1023 270 23	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3 -7.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) -15.6 -24.8 -6.5 -6.5 -1.2 -1.1
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARA MALANPURA-WARATA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI REDHAMBEWADI  IN Region  ER  ER  ER  NER  NER	- Land State of the state of th	50	471 68 30 27 48 0 WR-NR  0 0 WR-NR  0 0 14333 0 0 75 WR-SR  1023 299 28 62 -74	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)  0  1023  0  -1	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -0.0 -1.4 -1.4 -1.5 -6.5  -1.1 -0.2
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAF-LALITPUR (With SR) BHADBAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN  Region  ER  ER  ER  NER  NER	- Land State of the state of th	50   21   21   0   0   0   0   0   0   0   0   0	471 68 30 27 48 0 WR-NR 0 WR-NR 0 0 0 1433 0 0 75 WR-SR	0.0 0.0 0.0 0.1 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 11.9 1mport( Avg (MW) 651 1023 270 23	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3 -7.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU) -15.6 -24.8 -6.5 -6.5 -1.2 -1.1
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARA MALANPURA-WARATA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI REDHAMBEWADI  IN Region  ER  ER  ER  NER  NER	- Land State of the state of th	50	471 68 30 27 48 0 WR-NR  0 0 WR-NR  0 0 14333 0 0 75 WR-SR  1023 299 28 62 -74	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)  0  1023  0  -1	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -0.0 -1.4 -1.4 -1.5 -6.5  -1.1 -0.2
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURE-AURAIYA MALANPURE-AURAIYA GWALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  NER  NER  NER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2	50	471 68 30 27 48 0 WR-NR 0 WR-NR 0 0 1433 0 0 75 WR-SR    Max (MW) 655 1023 299 28 62 -74 -53	0.0 0.0 0.0 0.0 0.1 0.4 0.1 0.5 0.0 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023  0  -1 -18	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU)  15.6  24.8  6.5  -1.1 -0.2 -2.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARA MALANPURA-WARATA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI KOLHAPUR-RUGGI REDHAMBEWADI  IN Region  ER  ER  ER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2	50	471 68 30 27 48 0 WR-NR  0 0 WR-NR  0 0 14333 0 0 75 WR-SR  1023 299 28 62 -74	0.0 0.0 0.0 0.4 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1 Min (MW)  0  1023  0  -1	4.5 0.6 0.1 0.1 0.4 0.0 0.0 0.0 265.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 22.3 22.7 -10.2 22.6 -0.0 -0.0 -1.4 -1.4 -1.5 -6.5  -1.1 -0.2
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURE-AURAIYA MALANPURE-AURAIYA GWALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  NER  NER  NER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2	50	471 68 30 27 48 0 WR-NR 0 WR-NR 0 0 1433 0 0 75 WR-SR    Max (MW) 655 1023 299 28 62 -74 -53	0.0 0.0 0.0 0.0 0.1 0.4 0.1 0.5 0.0 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023  0  -1 -18	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU)  15.6  24.8  6.5  -1.1 -0.2 -2.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANAVIR BHANPURA-WARANAVIA MALANPURA-WARANAVIA MALANPURA-WARANAVIA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-GHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  NER  ER  NER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2	50	471 68 30 30 27 48 0 0 WR-NR  0 0 14333 0 0 75 WR-SR  Max (MW) 655 1023 299 28 62 -74 -53 -165	0.0 0.0 0.0 0.0 0.1 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023  0  -1 -18 -816	4.5 0.6 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221.3  7.3 23.3 27.7 -10.2 -22.6 -0.0 -0.0 -0.1 -1.4 -7.2 -1.1 -0.2 -1.1 -0.2 -1.1 -0.2 -2.5 -19.7
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURE-AURAIYA MALANPURE-AURAIYA GWALIOR-SAWAI MADHOPUR RAJIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJIGARI-PUGALUR SOLAPUR-RAJICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region  ER  ER  NER  NER  NER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX  2 2 1 1 1 TERNATIONAL EX  400kV MANGDECHH 1,2k3 i.e. ALIPURDU MANGDECHH 1,2k4 i.e. ALIPURDU MANGDECHH 1,2k5 i.e. ALIPURDU MANGDECHH 1,	50	471 68 30 27 48 0 WR-NR 0 WR-NR 0 0 1433 0 0 75 WR-SR    Max (MW) 655 1023 299 28 62 -74 -53	0.0 0.0 0.0 0.0 0.1 0.4 0.1 0.5 0.0 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023  0  -1 -18	4.5 0.6 0.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -221.3  7.3 23.3 -27.7 -10.2 -22.6 -0.0 -1.4 -72.2 +ve)/Export(-ve) Energy Exchange (MU)  15.6  24.8  6.5  -1.1 -0.2 -2.5
13	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BANAVIR BHANPURA-WARANAVIA MALANPURA-WARANAVIA MALANPURA-WARANAVIA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-GHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  NER  ER  NER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2AS 1,E ALIPURDE 400kV MANGDECHH 1,2AS 1,E ALIPURDE 400kV MANGDECHH 1,2AS 1,E ALIPURDE 1,1	50	471 68 30 30 27 48 0 0 WR-NR  0 0 14333 0 0 75 WR-SR  Max (MW) 655 1023 299 28 62 -74 -53 -165	0.0 0.0 0.0 0.0 0.1 0.1 0.5 0.0 0.0 44.2 7.3 23.3 27.7 1.8 22.6 0.0 0.0 1.4 84.1  Min (MW)  0  1023  0  -1 -18 -816	4.5 0.6 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-4.5 -0.6 -0.3 -0.3 -0.3 -0.5 -0.0 -0.0 -0.0 -221,3 -7.3 -23,3 -27,7 -10,2 -22,6 -0.0 -0.0 -1.4 -7.2 -1.1 -0.2 -1.1 -0.2 -1.1 -0.2 -1.1 -0.2 -2.5 -19.7