

## National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

## POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

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दिनांक: 06<sup>th</sup> July 2021

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

- 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 05.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-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 05<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 prev	ious day y Position at All India and Regional level				Da	te of Reporting:	06-Ju	ul-2021
TIVE OWEL SUPPL	Tobleson at 111 Inche and Regional 2010	NR	WR	SR	ER	NER	TOTAL	٦
Demand Met dur	ring Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	65012	51200	41207	22531	2965	182915	1
Peak Shortage (N	MW)	1205	0	0	0	14	1219	7
<b>Energy Met (MU</b>	J)	1558	1267	968	490	54	4337	1
Hydro Gen (MU)		353	53	120	140	27	692	1
Wind Gen (MU)		22	82	59	-	-	163	1
Solar Gen (MU)*	<b>;</b>	53.42	35.83	87.37	5.73	0.18	183	]
<b>Energy Shortage</b>	(MU)	14.80	0.00	0.00	0.00	0.04	14.84	]
Maximum Demai	nd Met During the Day (MW) (From NLDC SCADA)	70280	56767	44920	22934	3127	192169	7
Time Of Maximu	ım Demand Met (From NLDC SCADA)	12:19	15:27	14:50	21:02	20:01	12:31	]
B. Frequency Pr	rofile (%)							
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05	T
All India	0.045	0.00	1.72	10.50	12.22	75.95	11.83	]
C. Power Suppl	y Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	En

	ppry Position in States	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)	Shortage (MU)
	Punjab	12839	450	301.7	179.6	-0.8	182	7.70
	Haryana	11266	0	243.4	195.6	-1.0	236	0.00
	Rajasthan	12900	323	275.7	80.5	2.2	646	0.00
	Delhi	6437	0	127.5	116.7	-1.2	302	0.01
NR	UP	22864	370	482.5	227.2	1.2	651	3.20
	Uttarakhand	2206	0	46.6	18.7	0.2	131	0.44
	HP	1482	0	29.0	-2.1	-3.1	0	0.00
	J&K(UT) & Ladakh(UT)	2283	250	44.4	18.9	0.8	322	3.45
	Chandigarh	387	0	7.3	7.3	0.0	36	0.00
	Chhattisgarh	3735	0	85.4	47.0	-2.3	540	0.00
	Gujarat	17731	0	382.8	148.9	0.5	351	0.00
	MP	10089	0	229.7	123.5	6.4	1154	0.00
WR	Maharashtra	23797	0	514.0	181.4	-2.7	962	0.00
	Goa	558	0	11.2	10.7	-0.1	82	0.00
	DD	333	0	7.2	6.7	0.5	43	0.00
	DNH	828	0	19.1	18.4	0.7	72	0.00
	AMNSIL	817	0	17.1	4.2	0.0	248	0.00
	Andhra Pradesh	8146	0	171.9	50.0	1.8	1200	0.00
	Telangana	10615	0	219.9	78.2	0.6	640	0.00
SR	Karnataka	10182	0	196.4	54.9	1.4	684	0.00
	Kerala	3428	0	72.1	45.1	-0.2	227	0.00
	Tamil Nadu	13962	0	300.4	158.3	-2.4	472	0.00
	Puducherry	386	0	7.6	7.8	-0.2	45	0.00
	Bihar	6207	0	124.5	112.2	2.0	424	0.00
	DVC	2883	0	63.0	-52.0	-0.3	440	0.00
	Jharkhand	1476	0	27.5	23.9	-2.3	197	0.00
ER	Odisha	5267	0	105.9	33.0	-0.4	313	0.00
	West Bengal	8530	0	167.1	34.4	1.8	49	0.00
	Sikkim	124	0	2.0	1.5	0.5	566	0.00
	Arunachal Pradesh	135	1	2.2	2.3	-0.3	42	0.01
	Assam	1912	0	34.3	26.6	0.4	99	0.00
	Manipur	197	1	2.7	2.5	0.2	38	0.01
NER	Meghalaya	335	0	6.2	1.8	0.3	30	0.00
	Mizoram	106	1	1.6	1.6	-0.1	16	0.01
	Nagaland	145	1	2.4	2.4	0.1	30	0.01
	Tripura	285	10	4.7	3.9	0.0	48	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	50.7	-6.8	-22.2
Day Peak (MW)	2568.0	-459.5	-951.0

Day Peak (MW) 2568.0 -459.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	393.5	-225.5	16.2	-178.6	-5.6	0.0
Actual(MU)	399.1	-210.7	-5.0	-179.7	-8.0	-4.2
O/D/U/D(MU)	5.6	14.9	-21.2	-1.1	-2.4	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5060	15176	7072	210	738	28256	44
State Sector	8955	15471	6775	4195	11	35407	56
Total	14015	30647	13847	4405	750	63664	100

G. Sourcewise generation (MU)

G. Both cewise generation (Me)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	650	1242	597	555	15	3060	69
Lignite	28	12	40	0	0	80	2
Hydro	353	53	120	140	27	692	16
Nuclear	26	32	46	0	0	105	2
Gas, Naptha & Diesel	36	41	11	0	25	113	3
RES (Wind, Solar, Biomass & Others)	94	118	171	6	0	389	9
Total	1187	1498	986	701	67	4439	100
Share of RES in total generation (%)	7.93	7.85	17.38	0.82	0.27	8.77	•
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	39.87	13.55	34.23	20.74	40.37	26.72	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.030
Based on State Max Demands	1.066

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

 $<sup>*</sup>Source: RLDCs \ for \ solar \ connected \ to \ ISTS; SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$ 

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 06-Jul-2021

1	X7-14 T1						Date of Reporting:	06-Jul-2021
Import 1	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1	_				()	<b>F</b> ()		
1	t/Export of ER (V			1 0	1000		20.0	•••
_		ALIPURDUAR-AGRA	2	0	1203	0.0	28.9	-28.9
2		PUSAULI B/B	-	0	249	0.0	5.9	-5.9
3		GAYA-VARANASI	2	0	1102	0.0	18.9	-18.9
4		SASARAM-FATEHPUR	1	0	329	0.0	4.6	-4.6
5		GAYA-BALIA	1	0	703	0.0	14.2	-14.2
6		PUSAULI-VARANASI	1	0	210	0.0	4.2	-4.2
7		PUSAULI -ALLAHABAD	11	0	112	0.0	1.8	-1.8
8		MUZAFFARPUR-GORAKHPUR	2	0	854	0.0	16.3	-16.3
9		PATNA-BALIA	4	0	1289	0.0	27.0	-27.0
10		BIHARSHARIFF-BALIA	2	0	571	0.0	11.1	-11.1
11		MOTIHARI-GORAKHPUR	2	Ö	458	0.0	8.9	-8.9
12		BIHARSHARIFF-VARANASI	2	0	464	0.0	7.8	- <del>7.8</del>
13		PUSAULI-SAHUPURI	1	0	155	0.0	2.8	-2.8
14		SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15			1				0.0	
		GARWAH-RIHAND	1	20	0	0.3		0.3
16		KARMANASA-SAHUPURI	1 1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	11	0	0	0.0	0.0	0.0
					ER-NR	0.3	152.2	-151.9
<b>Import</b>	t/Export of ER (\)	With WR)						
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	0	1208	0.0	15.9	-15.9
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1146	99	14.1	0.0	14.1
+								
3	765 kV	JHARSUGUDA-DURG	2	57	234	0.0	2.1	-2.1
4	400 kV	JHARSUGUDA-RAIGARH	4	67	426	0.0	3.8	-3.8
5		RANCHI-SIPAT	2	342	46		0.0	4.1
<b>—</b>						4.1		
6	220 kV	BUDHIPADAR-RAIGARH	1	0	149	0.0	2.0	-2.0
7	220 kV	BUDHIPADAR-KORBA	2	150	6	1.8	0.0	1.8
$\vdash$	V IX 1		·	100	ER-WR	20.1	23.7	-3.7
T	4/E	With SD)			ŁK-WK	<i>4</i> <b>U.1</b>	43.1	-3./
	t/Export of ER (V		· -		300	^ ^	2.4	2.1
1		JEYPORE-GAZUWAKA B/B	2	98	390	0.0	3.4	-3.4
2		TALCHER-KOLAR BIPOLE	2	17	1629	0.0	25.9	-25.9
3		ANGUL-SRIKAKULAM	2	0	1964	0.0	29.6	-29.6
4		TALCHER-I/C	2	1821	273	15.1	0.0	15.1
5		BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
	•	<del></del>		<del></del>	ER-SR	0.0	58.9	-58.9
Import	t/Export of ER (V	With NER)			LA DI	V•V	. 20,7	2017
1		BINAGURI-BONGAIGAON	2	0	364	0.0	5.3	-5.3
2		ALIPURDUAR-BONGAIGAON	2	53	337	0.0	3.1	-3.3 -3.1
3		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	0	337 121		1.9	-3.1 -1.9
3	220 KV	ALIPURDUAK-SALAKATI	2	<u> </u>		0.0		
<del> </del>					ER-NER	0.0	10.3	-10.3
<b>Import</b>	t/Export of NER							
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	854	0.0	20.5	-20.5
					NER-NR	0.0	20.5	-20.5
Import	t/Export of WR (	(With NR)						
1		CHAMPA-KURUKSHETRA	2	0	3529	0.0	66.8	-66.8
2		VINDHYACHAL B/B	_	0	203	0.0	4.8	-4.8
3		MUNDRA-MOHINDERGARH	2	0	1916	0.0	48.4	-4.6 -48.4
4		GWALIOR-AGRA	2	0	2873	0.0	53.2	-53.2
5		PHAGI-GWALIOR	2	0	1914	0.0	38.7	-38.7
6		JABALPUR-ORAI	2	0	1118	0.0	41.6	-41.6
7	765 kV	GWALIOR-ORAI	1	811	0	16.0	0.0	16.0
8		SATNA-ORAI	1	0	1472	0.0	30.8	-30.8
9		CHITORGARH-BANASKANTHA	2	1116	270	9.9	0.0	9.9
10		ZERDA-KANKROLI	1	273	0	3.5	0.0	3.5
11		ZERDA -BHINMAL	1	408	8	5.5	0.0	5.5
12		VINDHYACHAL -RIHAND	1	962	0	22.4	0.0	22.4
13		RAPP-SHUJALPUR	2	0	567	0.0	8.2	-8.2
			1				1.2	
14		BHANPURA-RANPUR	1	0	81	0.0		-1.2
15		BHANPURA-MORAK	1	0	30	0.0	0.6	-0.5
16				108	Λ	Λ5	0.0	1) 1
17		MEHGAON-AURAIYA	1		0	0.5	0.0	0.4
	220 kV	MALANPUR-AURAIYA	1	75	21	1.1	0.0	1.1
18	220 kV		1 1 1					
	220 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	<u> </u>	75 0	21	1.1 0.0	0.0	1.1 0.0
18	220 kV 132 kV	MALANPUR-AURAIYA	1	75	21 0 0	1.1 0.0 0.0	0.0 0.0 0.0	1.1 0.0 0.0
18 19	220 kV 132 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1	75 0	21 0	1.1 0.0	0.0	1.1 0.0
18 19 Import	220 kV 132 kV 132 kV t/Export of WR (	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1 2	75 0 0	21 0 0 WR-NR	1.1 0.0 0.0 58.9	0.0 0.0 0.0 294.2	1.1 0.0 0.0 -235.4
18 19 Import	220 kV 132 kV 132 kV t/Export of WR ( HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B	1 2	75 0 0	21 0 0 WR-NR	1.1 0.0 0.0 58.9	0.0 0.0 0.0 294.2	1.1 0.0 0.0 -235.4 9.5
18 19 Import 1 2	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR	1 2 - 2	75 0 0 591 574	21 0 0 WR-NR	1.1 0.0 0.0 58.9 9.5 0.0	0.0 0.0 0.0 294.2	1.1 0.0 0.0 -235.4 9.5 -6.3
18 19 Import 1 2 3	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	1 2 - 2 2	75 0 0 591 574 2059	0 WR-NR 0 1002 369	1.1 0.0 0.0 58.9 9.5 0.0 18.5	0.0 0.0 0.0 294.2 0.0 6.3 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5
18 19 Import 1 2 3 4	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 2 2 2 2 2 2	75 0 0 591 574 2059	0 WR-NR 0 1002 369 2024	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0
18 19 Import 1 2 3 4 5	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 2 2 2 2 2 2 2	75 0 0 591 574 2059 0 1173	0 WR-NR 0 1002 369 2024 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 2 2 2 2 2 2 2 2	75 0 0 591 574 2059 0 1173	21 0 0 WR-NR 0 1002 369 2024 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0
18 19 Import 1 2 3 4 5 6 7	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 2 2 2 2 2 2 2 2 1	75 0 0 591 574 2059 0 1173	21 0 0 WR-NR 0 1002 369 2024 0 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 2 2 2 2 2 2 2 2	75 0 0 591 574 2059 0 1173	21 0 0 WR-NR 0 1002 369 2024 0 0 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3
18 19 Import 1 2 3 4 5 6 7	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 2 2 2 2 2 2 2 2 1	75 0 0 591 574 2059 0 1173	21 0 0 WR-NR 0 1002 369 2024 0 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0
18 19 Import 1 2 3 4 5 6 7	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 2 2 2 2 2 2 2 2 1 1	75 0 0 591 574 2059 0 1173 0 0	21 0 0 WR-NR 0 1002 369 2024 0 0 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6
18 19 Import 1 2 3 4 5 6 7	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	75 0 0 591 574 2059 0 1173 0 0	21 0 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve)
18 19 Import 1 2 3 4 5 6 7	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	75 0 0 591 574 2059 0 1173 0 0	21 0 0 WR-NR 0 1002 369 2024 0 0 0	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX	75 0 0 591 574 2059 0 1173 0 0 1	21 0 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve)
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI	75 0 0 591 574 2059 0 1173 0 0 1 1	21 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU	75 0 0 591 574 2059 0 1173 0 0 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from	21 0 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP	75 0 0 591 574 2059 0 1173 0 0 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW)	21 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG	75 0 0 591 574 2059 0 1173 0 0 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW)	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDI MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAG	75 0 0 0 591 574 2059 0 1173 0 1173 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI	21 0 WR-NR 0 1002 369 2024 0 0 0 T5 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL	75 0 0 591 574 2059 0 1173 0 0 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW)	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIR	75 0 0 0 591 574 2059 0 1173 0 0 1 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2 Import( Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8	0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 0.0 28.2 Import(  Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR	75 0 0 0 591 574 2059 0 1173 0 0 1 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2 Import( Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2 Import( Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW)	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2 0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2 Import( Avg (MW)	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW)	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6  +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER	TERNATIONAL EX  2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) MAKATI	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6  +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) MAKATI	21 0 0 WR-NR 0 1002 369 2024 0 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0 24.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER	TERNATIONAL EX  2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA	75 0 0 0 591 574 2059 0 1173 0 0 1173 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) MAKATI	21 0 0 WR-NR 0 1002 369 2024 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6  +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIE MALBASE - BIRPAE RECEIPT (from CHU 132kV GELEPHU-SA	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER	1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIE MALBASE - BIRPAE RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI	21 0 0 WR-NR 0 1002 369 2024 0 0 75 WR-SR Max (MW) 647 1026	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 22.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0 24.6 6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER	TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIE MALBASE - BIRPAE RECEIPT (from CHU 132kV GELEPHU-SA	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0 24.6 6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER	1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIE MALBASE - BIRPAE RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0 24.6 6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER	1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIE MALBASE - BIRPAE RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R	75 0 0 0  591 574 2059 0 1173 0 0 1173 0 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI RANGIA	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW)	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25	1.1 0.0 0.0 -235.4 9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0 24.6 6.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA  132kV MOTANGA-R  132kV MAHENDRAN TANAKPUR(NHPC)	75 0 0 0  591 574 2059 0 1173 0 0 1173 0 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI RANGIA	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0  24.6  6.3  0.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BII MALBASE - BIRPAH RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI RANGIA NAGAR- ROM BIHAR)	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0  24.6  6.3  0.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BII MALBASE - BIRPAH RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI 400kV DHALKEBAR	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI RANGIA NAGAR- ROM BIHAR)	21 0 0 WR-NR  0 1002 369 2024 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0  24.6  6.3  0.6
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BII MALBASE - BIRPAH RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI RANGIA NAGAR- ROM BIHAR)	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BII MALBASE - BIRPAH RECEIPT (from CHU 132kV GELEPHU-SA  132kV MOTANGA-R  132kV MAHENDRAN TANAKPUR(NHPC)  NEPAL IMPORT (FI 400kV DHALKEBAR 1&2	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER  NER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI 400kV DHALKEBAR 1&2 BHERAMARA B/B F	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  NER  NER  NER  ER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BII MALBASE - BIRPAH RECEIPT (from CHU 132kV GELEPHU-SA  132kV MOTANGA-R  132kV MAHENDRAN TANAKPUR(NHPC)  NEPAL IMPORT (FI 400kV DHALKEBAR 1&2	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74  -221	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0 19 24	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45 -121	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1  -2.9
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  NER  NER  NER  ER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA  132kV MOTANGA-R  132kV MOTANGA-R  132kV MAHENDRAR TANAKPUR(NHPC)  NEPAL IMPORT (FI 400kV DHALKEBAR 1&2  BHERAMARA B/B F (BANGLADESH)	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) JLAKATI RANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74  -221	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0 19 24	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45 -121	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1  -2.9
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV 132 kV  t/Export of WR (	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN  Region  ER  ER  NER  NER  NER  ER  ER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MAHENDRAM TANAKPUR(NHPC)  NEPAL IMPORT (FI 400kV DHALKEBAR 1&2 BHERAMARA B/B F (BANGLADESH) 132kV COMILLA-SU	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) JLAKATI RANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW) 647  1026  287  29 66 -74  -164 -815	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0 19 24	0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45 -121	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchange (MU) 15.0  24.6  6.3  0.6  1.2  -1.1  -2.9  -2.8  -19.3
18 19 Import 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV t/Export of WR ( HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  NER  NER  NER  ER	TERNATIONAL EX  2 2 2 2 2 2 1 1 1 1  TERNATIONAL EX  Line  400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA  132kV MOTANGA-R  132kV MOTANGA-R  132kV MAHENDRAR TANAKPUR(NHPC)  NEPAL IMPORT (FI 400kV DHALKEBAR 1&2  BHERAMARA B/B F (BANGLADESH)	75 0 0 0 591 574 2059 0 1173 0 0 1173 0 1 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) FURI 1,2,4 (& 400kV URI) i.e. BINAGURI A HEP (6*170MW) RPARA 1&2 (& 220kV RA) i.e. BIRPARA JKHA HEP 4*84MW) JLAKATI RANGIA NAGAR- ROM BIHAR) R-MUZAFFARPUR	21 0 0 WR-NR  0 1002 369 2024 0 0 0 75 WR-SR  Max (MW)  647  1026  287  29  66  -74  -221	1.1 0.0 0.0 58.9 9.5 0.0 18.5 0.0 20.4 0.0 0.0 1.3 49.8 Min (MW) 0 1022 0 19 24	0.0 0.0 0.0 0.0 294.2  0.0 6.3 0.0 222.0 0.0 0.0 0.0 0.0 28.2  Import( Avg (MW)  625  1024  262  25  51 -45 -121 -117 -806	1.1 0.0 0.0 0.0 -235.4  9.5 -6.3 18.5 -22.0 20.4 0.0 0.0 1.3 21.6 +ve)/Export(-ve) Energy Exchang (MU) 15.0  24.6  6.3  0.6  1.2  -1.1  -2.9