

## 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: 17<sup>th</sup> June 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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

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

Sub: Daily PSP Report for the date 16.06.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-जून-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 16<sup>th</sup> June 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: 17-Jun-2021 NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) 56221 46869 37784 20122 3000 163996 Peak Shortage (MW) 370 0 0 8 378 Energy Met (MU) 430 1251 1151 885 55 3773 Hydro Gen (MU) 81 123 631 368 175 4.35 141 33.96 Wind Gen (MU) 19 209 Solar Gen (MU)\* Energy Shortage (MU) 4.27 0.00 0.00 0.000.08 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 60748 49970 40872 20144 166482 Time Of Maximum Demand Met (From NLDC SCADA) 22:09 15:00 09:33 21:11 19:19 21:42 B. Frequency Profile (%) Region All India 49.9 - 50.05 77.78 FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 > 50.05 0.028 0.00 0.00 3.16 C. Power Supply Position in States Max.Demand Drawal Shortage during Energy Met Energy Region States Met during the Schedule Shortage maximum (MU) (MU) (MW) day(MW) Demand(MW) (MU) (MU) 242.7 147 Punjab Haryana -4.6 11263 170.5 0.00 140.3 0.00 229.1 Rajasthan 11021 93.4 2.0 705 0.00 107.7 94.3 Delhi -1.4 204 NR UP 20376 373.7 161.8 1.0 600 0.82 Uttarakhand 1921 42.3 1.9 0.00 HP 1391 27.4 -2.4 -0.7 204 0.00 J&K(UT) & Ladakh(UT) 2153 44.8 20.5 -0.4 237 3.45 Chandigarh 233 5.1 -0.5 0.00 78.9 26.1 3368 0.3 436 Chhattisgarh 0.00 Gujarat 17784 375.0 153.4 0.00 951 8811 194.5 -0.3 MP 0 96.7 0.00WR Maharashtra 20419 448.6 156.9 0.00 Goa 469 10.2 8.4 1.2 0.00 DNH 787 18.3 18.2 0.1 47 0.00 AMNSIL 856 18.6 0.4 325 0.00 1.9 Andhra Pradesh 8775 185. 59.8 1.0 0.00 Telangana 6905 144.8 60.9 53.2 -0.9 625 0.00 SR Karnataka 8091 159.2 -1.5 504 0.00 33.3 3053 287 Kerala 63.7 -0.1 0.00 Tamil Nadu 14481 323.9 137.6 435 0.00 8.4 -0.1 53 Puducherry 396 0 8.3 0.00 Bihar 5424 103.0 95.7 353 DVC 3049 66.0 -35.6 -0.2 0.00 Jharkhand 208 21.6 -1.7 ER Odisha 4339 90.6 25.0 1.7 0.00 West Bengal 7048 144.0 38.1 Sikkim 81 1.3 1.4 -0.1 0.00 Arunachal Pradesh 141 0 2.1 2.0 0.0 64 0.01 Assam 1970 35.8 30.6 0.6 0.00 Manipur 194 2.6 2.6 0.0 31 0.01 NER Meghalaya 311 1.4 0.0 0.00 1.7 1.6 0.01 Mizoram 106 Nagaland 143 0.0 0.01 Tripura 0.04 D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan Nepal Bangladesh Actual (MU) Day Peak (MW)  $E.\ Import/Export\ by\ Regions\ (in\ MU)\ -\ Import(+ve)/Export(-ve);\ OD(+)/UD(-)$ WR ER NER TOTAL Schedule(MU -143.4 -137.2 19.2 23.5 -198.1 Actual(MU) O/D/U/D(MU) 300.4 -8.2 F Concretion Outogo(MW)

r. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7096	18998	8872	210	738	35914	43
State Sector	11378	18505	13848	4217	11	47959	57
Total	18474	37503	22720	4427	750	83873	100
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G. Sourcewise generation (MU)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	454	1052	350	479	10	2344	61
Lignite	27	9	52	0	0	88	2
Hydro	341	62	81	123	24	631	16
Nuclear	30	32	60	0	0	123	3
Gas, Naptha & Diesel	23	33	13	0	23	92	2
RES (Wind, Solar, Biomass & Others)	88	175	320	5	0	587	15
Total	962	1364	875	607	57	3865	100
CI APPOLLANT II (A)							
Share of RES in total generation (%)	9.09	12.83	36.54	0.80	0.42	15.19	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	47.66	19.74	52.70	21.12	42.00	34.70	

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.051
Based on State Max Demands	1.088

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)

Sl No Impo							Date of Reporting:	17-Jun-2021
Impo	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
7	ort/Export of ER (V			0	961	0.0	19.6	10.7
		ALIPURDUAR-AGRA PUSAULI B/B	- 2	0	801 248	0.0	6.2	-19.6 -6.2
3	765 kV	GAYA-VARANASI	2	0	1009	0.0	13.4	-13.4
5		SASARAM-FATEHPUR GAYA-BALIA	1	0	294 628	0.0	3.1 8.8	-3.1 -8.8
6		PUSAULI-VARANASI	i	0	202	0.0	4.1	-0.0 -4.1
7	400 kV	PUSAULI -ALLAHABAD	1	0	114	0.0	1.8	-1.8
9		MUZAFFARPUR-GORAKHPUR PATNA-BALIA	2 4	0	758 1255	0.0	11.8 18.9	-11.8 -18.9
10		BIHARSHARIFF-BALIA	2	Ő	431	0.0	6.4	-6.4
-11		MOTIHARI-GORAKHPUR	2	0	466	0.0	6.6	-6.6
12		BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	1	0	411 127	0.0	4.2 1.3	-4.2 -1.3
14		SONE NAGAR-RIHAND	î	Ö	0	0.0	0.0	0.0
15		GARWAH-RIHAND	1	20	0	0.3	0.0	0.3
16 17	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
					ER-NR	0.3	106.2	-105.9
	ort/Export of ER (							
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	722	424	5.3	0.0	5.3
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1050	114	15.0	0.0	15.0
3	765 kV	JHARSUGUDA-DURG		143 290	207 245	0.0	0.0	-0.3
5	400 kV 400 kV	JHARSUGUDA-RAIGARH RANCHI-SIPAT	2	381	36	1.2 5.4	0.0	1.2 5.4
6	220 kV		1			0.0	1.6	
7	220 kV 220 kV	BUDHIPADAR-RAIGARH BUDHIPADAR-KORBA	2	0 141	113 0	1.7	0.0	-1.6 1.7
				141	ER-WR	28.5	1.9	26.6
	ort/Export of ER (	Vith SR)						
1		JEYPORE-GAZUWAKA B/B	2 2	0	133	0.0	2.6 39.6	-2.6
3		TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2	0	1637 2522	0.0	45.7	-39.6 -45.7
4	400 kV	TALCHER-I/C	2	189	667	0.0	0.0	0.0
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0 ER-SR	0.0	0.0 87.0	0.0
Imp	ort/Export of ER (V	With NER)			ER-SK	0.0	87.9	-87.9
1	400 kV	BINAGURI-BONGAIGAON	2	0	396	0.0	5.2	-5.2
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	493	0.0	6.2	-6.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	139 ER-NER	0.0	13.6	-2.2 -13.6
Impo	ort/Export of NER	(With NR)				0.0		
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	502 NER-NR	0.0	12.2	-12.2
Impo	ort/Export of WR (	With NR)			NEK-NK	0.0	12.2	-12.2
1		CHAMPA-KURUKSHETRA	2	0	3529	0.0	58.7	-58.7
2	HVDC	VINDHYACHAL B/B		0	0	0.0	0.0	0.0
4		MUNDRA-MOHINDERGARH GWALIOR-AGRA	2 2	0	1912 2662	0.0	32.4 46.0	-32.4 -46.0
5		PHAGI-GWALIOR	2	0	2122	0.0	39.1	-39.1
6	765 kV	JABALPUR-ORAI	2	950	1064	0.0	36.4	-36.4
8		GWALIOR-ORAI	1	661	1592	12.0	0.0 32.8	12.0
9	765 kV	SATNA-ORAI CHITORGARH-BANASKANTHA	2	1451	1583 82	0.0 14.2	0.0	-32.8 14.2
10	400 kV	ZERDA-KANKROLI	1	352	0	4.4	0.0	4.4
11		ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	732 964	0	8.5 22.4	0.0	8.5 22.4
13		RAPP-SHUJALPUR	2	0	604	0.0	8.2	-8.2
14	220 kV	BHANPURA-RANPUR	1	0	92	0.0	1.7	-1.7
15		BHANPURA-MORAK	1	76	30 20	0.0	1.2 0.3	-1.2 -0.2
16 17		MEHGAON-AURAIYA MALANPUR-AURAIYA	1	53	38	0.2	0.0	0.9
18	132 kV	GWALIOR-SAWAI MADHOPUR	1					
19	132 kV			0	0	0.0	0.0	0.0
Imn		RAJGHAT-LALITPUR	2	0	0	0.0 0.0	0.0	0.0
	ort/Export of WR (				0	0.0		
1		With SR) BHADRAWATI B/B	2	693	0 0 WR-NR	0.0 0.0 62.4 9.4	0.0 256.8 0.0	9.4
1 2	HVDC HVDC	With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2	693 572	0 0 WR-NR 0 301	0.0 0.0 62.4 9.4 5.4	0.0 256.8 0.0 0.0	0.0 -194.4 9.4 5.4
1	HVDC	With SR) BHADRAWATI B/B	2	693	0 0 WR-NR	0.0 0.0 62.4 9.4	0.0 256.8 0.0	9.4 5.4 14.0 -23.1
1 2 3 4 5	HVDC HVDC 765 kV 765 kV 400 kV	With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2 2 2 2 2	693 572 2488 80 1360	0 WR-NR 0 301 653 1891 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0	0.0 256.8 0.0 0.0 0.0 23.2 0.0	0.0 -194.4 9.4 5.4 14.0 -23.1 17.4
1 2 3 4 5 6	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2 2	693 572 2488 80 1360	0 WR-NR 0 301 653 1891 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0	0.0 256.8 0.0 0.0 0.0 0.0 23.2 0.0 0.0	0.0 -194.4 9.4 5.4 14.0 -23.1 17.4 0.0
1 2 3 4 5	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2	693 572 2488 80 1360	0 0 WR-NR 0 301 653 1891 0 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0	0.0 256.8 0.0 0.0 0.0 23.2 0.0	0.0 -194.4 9.4 5.4 14.0 -23.1 17.4
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 2 1	693 572 2488 80 1360 0	0 WR-NR 0 301 653 1891 0 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0	0.0 256.8 0.0 0.0 0.0 23.2 0.0 0.0 0.0 0.0 23.2 0.0 0.0 0.0 23.2	0.0 -194.4 9.4 5.4 14.0 -23.1 17.4 0.0 0.0 0.5 23.5
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 2 1	693 572 2488 80 1360 0	0 0 WR-NR 0 301 653 1891 0 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5	0.0 256.8 0.0 0.0 0.0 23.2 0.0 0.0 0.0 0.0 23.2 0.0 0.0 0.0 23.2	0.0 -194.4 5.4 14.0 -23.1 17.4 0.0 0.5 23.5 (+ve)/Export(-ve)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	693 572 2488 80 1360 0	0 0 WR-NR 0 301 653 1891 0 0	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5	0.0 256.8 0.0 0.0 0.0 23.2 0.0 0.0 0.0 0.0 23.2 0.0 0.0 0.0 23.2	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -17.4 -0.0 -0.5 -23.5 (+ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 1 1 1 TTERNATIONAL EX	693 572 2488 80 1360 0 0 1	0 0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5 46.7	0.0 256.8 0.0 0.0 0.0 0.0 23.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 -194.4 5.4 14.0 -23.1 17.4 0.0 0.5 23.5 (+ve)/Export(-ve)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH Le. ALIPURDUAR RE	0   693   572   2488   80   1360   0   0   1	0 0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5 46.7	0.0 256.8 0.0 0.0 0.0 0.0 23.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -17.4 -0.0 -0.5 -23.5 (+ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHH HEP 4	693 572 2488 80 1360 0 1 1 1  CHANGES  Name UU-ALIPURDUAR 1&2 CCEIPT (from #2180MW)	0 0 WR-NR 301 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5 46.7	0.0 256.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 -194.4 9.4 5.4 14.0 -2.3.1 17.4 0.0 0.5 23.5 (+ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX TERNATIONAL EX ANGECHH Le. ALIPURDUAR RE MANGBECHH Le. ALIPURDUAR RE MANGBECHH HEP 4 400kV MANGBECHH MANGBECHH HEP 4 400kV TALA-BINAG	693 572 2488 80 1360 0 0 1 1  CHANGES  Name IU-ALIPURDUAR 1&2 CZEIPT (from #180MUV URI 1,2,4 (& 400KV RID ise Missacuria	0 0 WR-NR 301 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.0 0.5 46.7	0.0 256.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 -194.4 9.4 5.4 14.0 -2.3.1 17.4 0.0 0.5 23.5 (+ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B BRAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE Le, ALIPURDUAR RE MANGDECHU HEP 4 400kV TAL-BINAGI MALBASE - BINAGI MALBASE - BINAGI ECELIPI (Fom TAL-	0  693 572 2488 80 1360 0 1 1  CHANGES Name IU-ALIPURDUAR 1&2 CZEIPT (from 1918) BMMW) URI 1,24 (4 400kV   RI) i.e. BINAGURI A HEP (6+170MW)	0 0 WR-NR 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 2.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -0.5 -+ve)/Export(-ve) Energy Exchange (MII) -14.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region ER ER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGBECHH i.e. ALIPURDUAR RE MANGBECHH HEP 4 400kV TALA-BINAGI RECEIPT (from TAL- 220kV CHUKHA-BIR	0   693   572   2488   80   1360   0   0   1   1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW)	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -2.2.5 -2.4ve)/Export(-ve) Energy Exchange (MII) -14.1 -24.4
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	With SR) BHADRAWATI B/B BRAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE Le, ALIPURDUAR RE MANGDECHU HEP 4 400kV TAL-BINAGI MALBASE - BINAGI MALBASE - BINAGI ECELIPI (Fom TAL-	0   693   572   2488   80   1360   0   1   1   1   1   1   1   1   1	0 0 WR-NR 301 653 1891 0 0 0 75 WR-SR	0.0 0.0 62.4 2.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -0.5 -+ve)/Export(-ve) Energy Exchange (MII) -14.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABHA-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 2 2 2 2 1 1 STERNATIONAL EX Line 400kV MANGDECHH ie, ALIPURDIAR RE MANGDECHU HEP 4 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TALL 220kV CHUKHA-BIR RECEIPT (from CHU	0  693  572  2488  80  1360  0  1  CHANGES  Name  IU-ALIPURDUAR 1&2  CZEIPT (from 151 RD, 182	0 0 WR-NR 301 653 1891 0 0 0 75 WR-SR Max (MW) 669	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -0.5 -23.5 -+ve)/Export(-ve) Energy Exchange (MID)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region ER ER	2 2 2 2 2 2 2 2 1 1 ITERNATIONAL EX Line 400kV MANGDECHH Le, ALIPURUAR RE MANGDECHU HEP 4 400kV TAL-BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR	0  693  572  2488  80  1360  0  1  CHANGES  Name  IU-ALIPURDUAR 1&2  CZEIPT (from 151 RD, 182	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW)	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -2.2.5 -2.4ve)/Export(-ve) Energy Exchange (MII) -14.1 -24.4
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER Region ER ER ER ER	2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH HEP 4 400kV TALA-BINAGI MALBASE - BINAGU RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRAGU MALBASE - BIRAG	0   693   572   2488   80   1369   0   0   1   1     1     1     1     1     1     1     1     1     1       1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 1006	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -2.3.5 -1.1  14.1  24.4  5.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABHA-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 2 2 2 2 1 1 STERNATIONAL EX Line 400kV MANGDECHH ie, ALIPURDIAR RE MANGDECHU HEP 4 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TALL 220kV CHUKHA-BIR RECEIPT (from CHU	0   693   572   2488   80   1369   0   0   1   1     1     1     1     1     1     1     1     1     1       1	0 0 WR-NR 301 653 1891 0 0 0 75 WR-SR Max (MW) 669	0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7 Min (MW)	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -0.5 -23.5 -+ve)/Export(-ve) Energy Exchange (MID)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABHA-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR MANGBECHU HEP 4 400kV TALA-BINAGU MALBASE - BINACU RECEIPT (from TAL) 200kV CHUKHA-BIR MALBASE - BINACU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang	0   693   572   2488   80   1360   0   0   1   1     1     1     1     1     1     1     1       1	0 0 WR-NR 301 653 1891 0 0 75 WR-SR Max (MW) 669	0.0 0.0 0.0 62.4  9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0  1006	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -7.4 -0.0 -0.5 -0.5 -2.5.5 -+ve)/Export(-ve) Energy Exchange (MID) -14.1  24.4  5.8 -1.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER Region ER ER ER ER	2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH HEP 4 400kV TALA-BINAGI MALBASE - BINAGU RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRAGU MALBASE - BIRAG	0  693 572 2488 80 1360 0 1 1  CHANGES  Name IU-ALIPURDUAR 1&2 CCEIPT (from #180MU) URI 12,4 (& 400kV   WR) URI 12,4 (& 400kV   WR) R) 48 (A 400kV   WR) R) 58 (A 400kV   WR) R)	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 1006	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -2.2.5 -2.2.5 -2.4 -2.4  5.8 -1.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABHA-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX TERNATIONAL EX TERNATIONAL EX TERNATIONAL EX TO STATE A STA	0  693 572 2488 80 1360 0 1 1  CHANGES  Name IU-ALIPURDUAR 1&2 CCEIPT (from #180MU) URI 12,4 (& 400kV   WR) URI 12,4 (& 400kV   WR) R) 48 (A 400kV   WR) R) 58 (A 400kV   WR) R)	0 0 WR-NR 301 653 1891 0 0 75 WR-SR Max (MW) 669	0.0 0.0 0.0 62.4  9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0  1006	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -7.4 -0.0 -0.5 -0.5 -4ve)/Export(-ve) Energy Exchange (MII) -1.1  24.4 -1.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABHA-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER NER	2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE CEIPT (from TAL) 220kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGU MALBASE - MIRAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(*) MAHENDRANAGAR	0  693 572 2488 80 1360 0 1 1  CHANGES  Name IU-ALIPURDUAR 1&2 CCEIPT (from #180MU) URI 12,4 (& 400kV   WR) URI 12,4 (& 400kV   WR) R) 48 (A 400kV   WR) R) 58 (A 400kV   WR) R)	0 0 WR-NR 301 653 1891 0 0 75 WR-SR Max (MW) 669	0.0 0.0 0.0 62.4  9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0  1006	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -7.4 -0.0 -0.5 -0.5 -4ve)/Export(-ve) Energy Exchange (MII) -1.1  24.4 -1.1
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  Region ER  ER  ER  NER  NER	2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE CEIPT (from TAL) 220kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGU MALBASE - MIRAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(*) MAHENDRANAGAR	0   693   572   2488   572   2488   80   1360   0   0   1   1     1     1     1     1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669 1024 -66 -66 -73	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 -27 -18	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -1.1  24.4  5.8  -1.1  -1.2
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  Region ER  ER  ER  NER  NER	2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE MANGBECHH i.e. ALIPURDUAR RE CEIPT (from TAL) 220kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRAGU MALBASE - MIRAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(*) MAHENDRANAGAR	0  693 572 2488 80 1350 0 1350 0 1 1  CHANGES  Name IL-ALIPURDUAR 1&2 CCEIPT (from 1/2) 1/2 (1/4 400kV   1/2) 1/2 (1/4 400kV   1/2) 1/2 (1/4 400kV   1/4) 1/3 (1/4 400kV   1/4) 1/4 (1/4 400kV   1/4)	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669 1024 -66 -66 -73	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 -27 -18	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -2.3.5 -1.1  24.4  5.8  -1.1  -1.2
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 266 kV 220 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KY MANGDECHH 16-ALIPICHUA RR MANGDECHH HEP- 400KY TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL- 220KV CHUKHA-BIR RECEIPT (from TAL- 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR( MAHENDRANAGAR 400KV-MUZAFFARP	0  693 572 2488 80 1350 0 1350 0 1 1  CHANGES  Name IL-ALIPURDUAR 1&2 CCEIPT (from 1/2) 1/2 (1/4 400kV   1/2) 1/2 (1/4 400kV   1/2) 1/2 (1/4 400kV   1/4) 1/3 (1/4 400kV   1/4) 1/4 (1/4 400kV   1/4)	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR  Max (MW) 669 1024 294 -66 -66 -73 -201	0.0 0.0 0.0 62.4  9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -7.4 -0.0 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 266 kV 220 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER NER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KY MANGDECHH 16-ALIPICHUA RR MANGDECHH HEP- 400KY TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL- 220KV CHUKHA-BIR RECEIPT (from TAL- 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR( MAHENDRANAGAR 400KV-MUZAFFARP	0   693   572   2488   572   2488   80   1360   0   1   1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR  Max (MW) 669 1024 294 -66 -66 -73 -201	0.0 0.0 0.0 62.4  9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -7.4 -0.0 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 266 kV 220 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  Region  ER  ER  NER  NER  NER  NER  NER  ER  E	2 2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR AN MANGBECHU HEP 4 400kV TALA-BINAGI MALBASE - BINACH RECEIPT (from TAL) 250kV CHUKHA-BIR MALBASE - BINACH MALBASE - BIN	0   0   0   0   0   0   0   0   0   0	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669 1024 294 -66 -66 -73 -201 -264	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 -27 -18	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -23.5 -2.5 -2.5 -2.5 -2.5 -2.4 -1.1  -1.2  -1.2  -3.1 -4.0
1 2 3 4 5 6 7 8	HVDC HVDC 765 kV 765 kV 266 kV 220 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  Region  ER  ER  NER  NER  NER  NER  NER  ER  E	2 2 2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH 1e, ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL/ 220kV CHUKHIA-BIR RECEIPT (from TAL/ 132kV-Motanga-Rang 132kV-TANAKPUR() MAHENDRANAGAR 400kV-MUZAFFARP 132kV-BIHAR - NEP, BHERAMARA HVDC	0   693   572   2488   80   1360   0   0   1   1   1   1   1   1   1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR Max (MW) 669 1024 294 -66 -66 -73 -201 -264	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 -27 -18	0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -14.0 -2.3.1 -17.4 -0.0 -0.5 -23.5 -2.5 -2.5 -2.5 -2.5 -2.4 -1.1  -1.2  -1.2  -3.1 -4.0
1 2 3 4 5 6 7 8	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BRAGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  ER  ER  ER  NER  NER  NER  NER  ER	2 2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH i.e. ALIPURDUAR AN MANGBECHU HEP 4 400kV TALA-BINAGI MALBASE - BINACH RECEIPT (from TAL) 250kV CHUKHA-BIR MALBASE - BINACH MALBASE - BIN	0   693   572   2488   80   1360   0   0   1   1   1   1   1   1   1	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR  Max (MW) 669 1024 294 -66 -66 -73 -201 -264 -929	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 1006  0 -27 -18 0 -52 -143	0.0 0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -23.5 -(+ve)/Export(-ve) Energy Exchange (MII) -14.1  24.4 -5.8 -1.1 -1.2 -1.2 -3.1 -4.0 -22.1
1 2 3 4 5 6 7 8	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	With SR) BHADRAWATI B/B BRAGABRI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  ER  ER  ER  NER  NER  NER  NER  ER	2 2 2 2 2 2 2 2 1 1 1 TTERNATIONAL EX Line 400kV MANGDECHH 1e, ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL/ 220kV CHUKHIA-BIR RECEIPT (from TAL/ 132kV-Motanga-Rang 132kV-TANAKPUR() MAHENDRANAGAR 400kV-MUZAFFARP 132kV-BIHAR - NEP, BHERAMARA HVDC	0   0   0   0   0   0   0   0   0   0	0 WR-NR 0 301 653 1891 0 0 0 75 WR-SR  Max (MW) 669 1024 294 -66 -66 -73 -201 -264 -929	0.0 0.0 0.0 62.4 9.4 5.4 14.0 0.0 17.4 0.0 0.5 46.7  Min (MW)  0 1006  0 -27 -18 0 -52 -143	0.0 0.0 256.8  0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -194.4  9.4 -5.4 -5.4 -14.0 -23.1 -7.4 -0.0 -0.5 -23.5 -(+ve)/Export(-ve) Energy Exchange (MII) -14.1  24.4 -5.8 -1.1 -1.2 -1.2 -3.1 -4.0 -22.1