

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 29th Mar 2021

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 28.03.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-मार्च-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 28th March 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: 29-Mar-2021 NR WR SR ER TOTAL Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs) 41817 43929 21067 Peak Shortage (MW) 400 0 31 431 Energy Met (MU) 944 1305 1175 462 46 3932 102 48 67 32 4 253 Wind Gen (MU) 49 23 99.80 5.40 0.16 Solar Gen (MU)* 49.51 38.46 193 Energy Shortage (MU) 7.60 0.00 0.00 0.00 0.84 8.44 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 44612 57907 54532 21181 2768 175244 Time Of Maximum Demand Met (From NLDC SCADA) 19:13 15:51 B. Frequency Profile (%) < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05 Region All India 0.025 0.00 0.00 C. Power Supply Position in States Energy Met)D(+)/UD(-Max.Demand Drawal Max OD Shortage during Energy Region States Met during the maximu Schedule (MU) (MU) (MW) (MU) dav(MW) Demand(MW) (MU) 133.2 110 Punjab -1.0 Haryana 5252 112.7 70.6 0.0 192 0.00 10225 199.7 722 Rajasthan 1.7 0.4 0.00 Delhi 3159 48.9 134 NR 555 UP 16914 0 321.3 140.6 -1.3 0.00 Uttarakhand 26.4 27.2 47.7 нР 1418 0 20.8 0.0 127 0.00 J&K(UT) & Ladakh(UT) 400 41.8 -1.4 153 7.60 2368 3.0 51.1 Chandigarh 162 3.0 0.0 0.00 Chhattisgarh 4552 0 109.3 0.1 174 0.00 Gujarat 17327 143.1 0.00 MP 10847 223.6 123.9 -0.5 458 0.00 wr Maharashtra 543.5 635 24622 174.7 2.1 0.00 Goa 527 0 11.7 11.5 40 25 0.00 DD 319 0 7.0 6.9 0.1 0.00DNH 837 19.3 19.3 0.0 0.00 AMNSIL 781 17.6 1.2 0.2 266 0.00 101.9 Andhra Pradesl 11152 218.7 983 0.00 2.0 Telangana 13309 277.1 141.6 0.7 656 0.00 SR 13264 0 259.2 100.0 1.7 730 Karnataka 0.00 57.8 227.4 Kerala Tamil Nadu 334.2 14494 -1.5 417 0.00 Puducherry 372 8.0 87.4 -50.8 Bihar 4961 0 98.7 1.4 463 0.00 DVC 3182 71.4 284 -0.4 0.00Jharkhand 1543 29.4 23.8 111 0.00 ER Odisha 4385 92.5 33.6 0.3 363 0.00 West Bengal 169.3 30.5 Sikkim 66 0.9 1.1 -0.2 0.00 Arunachal Pradesh 125 2.2 -0.3 2.4 0.01 31 Assam 1559 48 27.1 0.1 110 0.80 Manipur 171 2.6 2.6 0.0 0.01 NER 5.9 Meghalaya Mizoram 110 1.5 1.4 -0.2 19 0.01 0.2 0.01 **Nagaland** 127 1.9 269 D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan Nepal -11.4 Bangladesh -22.1 -1024.0 203.0 -510.0 $E.\ Import/Export\ by\ Regions\ (in\ MU)\ -\ Import(+ve)/Export(-ve);\ OD(+)/UD(-)$ TOTAL WR SR ER NER NR Schedule(MU) Actual(MU) O/D/U/D(MU) -261.1 -252.8 120.1 250.0 -121.8 0.0 F. Generation Outage(MW) SR 7192 ER 758 % Share Central Sector State Sector 14133 41 14312 14905 7636 3500 40364 Total G. Sourcewise generation (MU) All India 3128 NER % Share Coal Lignite Hydro 10

41

157 934

16.83

28.44

0.87

6.00

0.42

11.99

96 1586

6.04

10.67

H. All	India	Demand	Diversity	Factor
Rocad	on Do	gional M	Iov Domoi	nde

Gas, Naptha & Diesel RES (Wind, Solar, Biomass & Others)

Share of RES in total generation (%)

Nuclear

 Based on Regional Max Demands
 1.033

 Based on State Max Demands
 1.076

Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)

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.

126 845

14.96

93

385 4029

9.55

18.16

INTER-REGIONAL EXCHANGES

| Import=(+ve) /Export =(-ve) for NET (MU)
| Date of Reporting: 29-Mar-2021 |
| Export (MU) | NET (MU)

Sl No Impor							Date of Reporting:	
	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	29-Mar-2021 NET (MU)
	rt/Export of ER (V		Tion of circuit	mus import (mm)	max Export (mm)	Import (iire)	Export (Me)	1121 (112)
1		ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2		PUSAULI B/B	-	ŏ	248	0.0	6.0	-6.0
3		GAYA-VARANASI	2	0	652	0.0	9.6	-9.6
5		SASARAM-FATEHPUR GAYA-BALIA	1 1	0	233 385	0.0	2.9 5.9	-2.9 -5.9
6		PUSAULI-VARANASI	1	0	251	0.0	5.9 4.1	-5.9 -4.1
7		PUSAULI -ALLAHABAD	i	0	109	0.0	1.9	-1.9
8		MUZAFFARPUR-GORAKHPUR	2	159	555	0.0	4.2	-4.2
9	400 kV	PATNA-BALIA	4	0	1059	0.0	18.4	-18.4
10		BIHARSHARIFF-BALIA	2	82	230	0.0	1.8	-1.8
11 12		MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0	231 281	0.0	2.3 3.3	-2.3 -3.3
13		PUSAULI-SAHUPURI	1	30	104	0.0	1.2	-1.2
14		SONE NAGAR-RIHAND	î	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	1	20	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0	61.2
Impor	rt/Export of ER (V	Vith WR)			ER-14K	0.5	61.7	-61.2
1		JHARSUGUDA-DHARAMJAIGARH	4	1377	0	24.6	0.0	24.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	592	563	0.0	2.1	-2.1
3	765 kV	JHARSUGUDA-DURG	2	7	235	0.0	3.0	-3.0
4	400 kV	JHARSUGUDA-RAIGARH	4	0	358	0.0	4.9	-4.9
5		RANCHI-SIPAT	2	138	213	0.0	1.4	-1.4
6		BUDHIPADAR-RAIGARH	1	0	154	0.0	2.6	-2.6
7	220 kV	BUDHIPADAR-KORBA	2	137	0 ED WD	2.1	0.0	2.1
Imner	rt/Export of ER (V	Vith SR)			ER-WR	26.7	13.9	12.7
1		JEYPORE-GAZUWAKA B/B	2	0	353	0.0	8.6	-8.6
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	2469	0.0	51.6	-51.6
3	765 kV	ANGUL-SRIKAKULAM	2	Ü	3458	0.0	70.0	-70.0
4	400 kV	TALCHER-I/C	2	0	691	0.0	7.6	-7.6
5	220 kV	BALIMELA-UPPER-SILERRU	1	11	0 ER-SR	0.0	0.0	0.0
Imno	rt/Export of ER (V	Vith NER)			EK-SR	0.0	130.2	-130.2
1		BINAGURI-BONGAIGAON	2	116	225	0.0	1.1	-1.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	205	305	0.0	1.4	-1.4
3		ALIPURDUAR-SALAKATI	2	19	36	0.0	0.1	-0.1
	.m	(NPA NP)			ER-NER	0.0	2.6	-2.6
Impor	rt/Export of NER HVDC	(With NR) BISWANATH CHARIALI-AGRA		471	I	11.7		11.7
	HVDC	BISWANATH CHARIALI-AGRA		4/1	NER-NR	11.6 11.6	0.0	11.6 11.6
Impor	rt/Export of WR (With NR)			11231 1111	11.0	0.0	11.0
1		CHAMPA-KURUKSHETRA	2	0	0	0.0	25.3	-25.3
2	HVDC	VINDHYACHAL B/B	-	227	0	6.0	0.0	6.0
3	HVDC	MUNDRA-MOHINDERGARH	2	0	984	0.0	18.0	-18.0
4		GWALIOR-AGRA	2	0	2225	0.0	34.2	-34.2
5		PHAGI-GWALIOR JABALPUR-ORAI	2 2	0 386	835 677	0.0	12.5 18.0	-12.5 -18.0
7		GWALIOR-ORAI	í	494	0	9.4	0.0	9.4
8		SATNA-ORAI	1	0	1356	0.0	26.9	-26.9
9	765 kV	CHITORGARH-BANASKANTHA	2	1201	122	12.5	0.0	12.5
10		ZERDA-KANKROLI	1	377	0	5.8	0.0	5.8
11		ZERDA -BHINMAL	1	730	0	8.6	0.0	8.6
13		VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2	966 272	0 65	22.3 3.1	0.0	22.3
14		BHANPURA-RANPUR	1	66	28	0.6	0.1	0.5
15		BHANPURA-MORAK	1	0	30	1.2	0.0	1.2
16	220 kV	MEHGAON-AURAIYA	1	131	0	0.9	0.0	0.9
17	220 kV	MALANPUR-AURAIYA	1	92	1	1.6	0.0	1.6
18 19		GWALIOR-SAWAI MADHOPUR	1 2	0	0	0.0	0.0	0.0
19	132 kV	RAJGHAT-LALITPUR	4	0	0 WR-NR	72.0	0.0 135.1	0.0 -63.1
Impor	rt/Export of WR (With SR)			1710 1110	/2.0	133.1	-03.1
1				^				
	HVDC	BHADRAWATI B/B	-	0	1023	0.0	23.7	-23.7
2	HVDC	RAIGARH-PUGALUR	2	0	1653	0.0	70.5	-70.5
3	HVDC 765 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2	0	1653 2058	0.0	70.5 35.0	-70.5 -35.0
4	HVDC 765 kV 765 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2	0 0	1653 2058 3286	0.0 0.0 0.0	70.5 35.0 63.0	-70.5 -35.0 -63.0
<u>4</u> 5	HVDC 765 kV 765 kV 400 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2	0 0 0 840	1653 2058 3286 0	0.0 0.0 0.0 14.0	70.5 35.0 63.0 0.0	-70.5 -35.0 -63.0 14.0
4	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2	0 0	1653 2058 3286	0.0 0.0 0.0	70.5 35.0 63.0	-70.5 -35.0 -63.0
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2	0 0 0 840	1653 2058 3286 0 0 0 91	0.0 0.0 0.0 14.0 0.0 0.0	70.5 35.0 63.0 0.0 0.0 0.0	-70.5 -35.0 -63.0 14.0 0.0 0.0
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1	0 0 0 840 0 0	1653 2058 3286 0 0 0 91 WR-SR	0.0 0.0 0.0 14.0 0.0	70.5 35.0 63.0 0.0 0.0	-70.5 -35.0 -63.0 14.0 0.0
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1	0 0 0 840 0	1653 2058 3286 0 0 0 91 WR-SR	0.0 0.0 0.0 14.0 0.0 0.0	70.5 35.0 63.0 0.0 0.0 0.0	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1	0 0 0 840 0 0	1653 2058 3286 0 0 0 91 WR-SR	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8	70.5 35.0 63.0 0.0 0.0 0.0 192.2	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1 1 INTER	0 0 0 840 0 0 0 NATIONAL EXCHA!	1653 2058 3286 0 0 0 91 WR-SR	0.0 0.0 0.0 14.0 0.0 0.0	70.5 35.0 63.0 0.0 0.0 0.0	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER	0 0 0 840 0 0 0 NATIONAL EXCHA! Name	1653 2058 3286 0 0 0 91 WR-SR NGES	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8	70.5 35.0 63.0 0.0 0.0 0.0 192.2	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR REI MANGDECHU HEP 4	0 0 0 840 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from	1653 2058 3286 0 0 0 91 WR-SR	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	-70.5 -35.0 -63.0 14.0 0.0 1.8 -176.4 Energy Exchange
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGG	0 0 0 840 0 0 0 0 NATIONAL EXCHA! Name value 122 CEIPT (from *180MW) [81] 1,24 (4 400kV	1653 2058 3286 0 0 9 91 WR-SR NGES Max (MW)	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 65.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4 Energy Exchange (MII)
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDAR RE MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE BINAGU MALBASE BINAGU	0 0 0 840 9 0 0 840 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 1880MV) IRI 1,2,4 (& 400kV	1653 2058 3286 0 0 0 91 WR-SR NGES	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	-70.5 -35.0 -63.0 14.0 0.0 1.8 -176.4 Energy Exchange
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGG	0 0 0 0 840 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from #180MW) RI 1,2.4 (& 400kV	1653 2058 3286 0 0 9 91 WR-SR NGES Max (MW)	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 65.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4 Energy Exchange (MII)
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR.	0 0 0 840 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from 1804)(% 400kV RI) i.e. BINAGURI PARA 1&2 (& 220kV).i.e. BIPA (% 400kV).i.e. BIPARA	1653 2058 3286 0 0 9 91 WR-SR NGES Max (MW)	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 65.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	-70.5 -35.0 -63.0 14.0 0.0 0.0 1.8 -176.4 Energy Exchange (MII)
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI ROHAPUR-KUBGI REGION ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA ZEOKV CHUKHA-BIR	0 0 0 840 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from 1804)(% 400kV RI) i.e. BINAGURI PARA 1&2 (& 220kV).i.e. BIPA (% 400kV).i.e. BIPARA	1653 2058 3286 0 0 0 91 WR-SR NGES Max (MW)	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.1 -18 -176.4 Energy Exchange (MIT)
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI RELDEM-AMBEWADI Region ER ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALA RECEIPT (from CHUI	0 0 0 0 0 840 0 0 0 0 0 0 0 0 0 0 0 0 0	1653 2058 3286 0 0 0 91 91 WR-SR NGES Max (MW) 163	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135	70.5 35.0 -63.0 -63.0 14.0 0.0 0.0 0.1 18 -176.4 Energy Exchange (MII) 3.2 1.0
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-KUBGI ROHAPUR-KUBGI REGION ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR.	0 0 0 0 0 840 0 0 0 0 0 0 0 0 0 0 0 0 0	1653 2058 3286 0 0 0 91 WR-SR NGES Max (MW)	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW)	70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.1 -18 -176.4 Energy Exchange (MIT)
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHANDI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le ALIPURDUAR RE MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TALA ZORV CHUKHA-BIRI MALBASE - BIRPAR, ECEIPT (from CHU 132KV-GEYLEGPHU	0 0 0 840 9 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *1880MW) IRI 1,24 (& 400KV RI 1,24 (&	1653 2058 3286 0 0 0 91 WR-SR Max (MW) 163 42	0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135	70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MII) -0.9 -0.9
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI RELDEM-AMBEWADI Region ER ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALA RECEIPT (from CHUI	0 0 0 840 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *1880MW) IRI 1,24 (& 400KV RI 1,24 (& 400KV RI 1,24 (& 400KV RI 1,24 (& 404KV A) i.e. BIRPARA KIHA HEP 4*84MW) - SALAKATI	1653 2058 3286 0 0 0 91 91 WR-SR NGES Max (MW) 163	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135	70.5 35.0 -63.0 -63.0 14.0 0.0 0.0 0.1 18 -176.4 Energy Exchange (MII) 3.2 1.0
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHANDI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie, ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALU 132KV-GEYLEGPHU 132KV Motanga-Rangi	0 0 0 0 0 840 0 0 0 0 0 0 0 0 0 0 0 0 0	1653 2058 3286 0 0 0 91 WR-SR Max (MW) 163 42	0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135	70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MII) -0.9 -0.9
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TALA RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV Motanga-Rangi	0 0 0 840 9 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) IRI 1,24 (& 400kV RI) LE (& 100 LE	1653 2058 3286 0 0 0 91 WR-SR Max (MW) 163 42	0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW)	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135	70.5 35.0 -63.0 -63.0 -63.0 -63.0 -6.0 -6.0 -6.0 -6.0 -6.0 -6.0 -6.0 -6
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHANDI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie, ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALU 132KV-GEYLEGPHU 132KV Motanga-Rangi	0 0 0 840 9 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) IRI 1,24 (& 400kV RI) LE (& 100 LE	1653 2058 3286 0 0 0 91 91 WR-SR NGES Max (MW) 163 42 0	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW) 0 37	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0	70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.1 -176.4 Energy Exchange (MII) -0.9 -0.9
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHAPUR-KURGI REGION REGION ER ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA ZORV CHIKHA-BIR MALBASE - BIRNAGU RECEIPT (from CHUI 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(0 0 0 8-40 0 0 0 0 8-40 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 1880MV) IRI 1,24 (& 400kV RR) i.e. BINAGURI HEP (6-170MW) PARA 1&2 (& 4220kV A) i.e. BIRPARA LIKH AFEP 4**SAMW) - SALAKATI a HII) - PG)	1653 2058 3286 0 0 0 1 WR-SR NGES Max (MW) 163 42 0 27 -111	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18	7-0.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MII) -0.9 -0.9 -0.4 -0.2
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA ZORV CHIKHA-BIR MALBASE - BIRNAGU RECEIPT (from CHUI 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(0 0 0 840 9 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) IRI 1,24 (& 400kV RI) LE (& 100 LE	1653 2058 3286 0 0 0 91 91 WR-SR NGES Max (MW) 163 42 0	0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW) 0 37	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0	770.5 35.0 -63.0 -63.0 -63.0 -63.0 -63.0 -6.0 -0.0 -0.0 -176.4 -176.4 -0.9 -0.9 -0.4 -0.2
4 5 6	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHAPUR-KURGI REGION REGION ER ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGG MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHENDANAGAR(400KV-MUZAFFARPI	0 0 0 0 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2-4 (4 400kV RI) i.e. BINAGURI , BEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPAR KHA HEP 4*84MW) - SALAKATI a HI) - PC) UR - DHALKEBAR DC	1653 2058 3286 0 0 0 1 WR-SR NGES Max (MW) 163 42 0 27 -111	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18	7-70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchang (MII) -0.9 -0.9 -0.4 -0.2
4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI KOLHAPUR-KURGI ROHAPUR-KURGI REGION REGION ER ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA ZORV CHIKHA-BIR MALBASE - BIRNAGU RECEIPT (from CHUI 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(0 0 0 0 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2-4 (4 400kV RI) i.e. BINAGURI , BEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPAR KHA HEP 4*84MW) - SALAKATI a HI) - PC) UR - DHALKEBAR DC	1653 2058 3286 0 0 0 1 WR-SR NGES Max (MW) 163 42 0 27 -111	0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11	70.5 35.0 63.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18	7-70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchang (MII) -0.9 -0.9 -0.4 -0.2
4 5 6	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGG MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHENDANAGAR(400KV-MUZAFFARPI	0 0 0 0 840 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2-4 (4 400kV RI) i.e. BINAGURI , BEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPAR KHA HEP 4*84MW) - SALAKATI a HI) - PC) UR - DHALKEBAR DC	1653 2058 3286 0 0 0 9 91 WR-SR NGES Max (MW) 163 42 0 27 -111 0 -225	0.0 0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11 0 0 -165	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6	7-0.5 -35.0 -63.0
4 5 6	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI ROHAPUR-KUDGI REGION REGION ER ER ER NER NER NER NER ER E	2 2 2 1 1 1 INTER Line 400EV MANGDECHH 400EV MANGDECHU HEP 4 400EV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALA MALBASE - BINAGU RECEIPT (from CHUI 132EV-GEYLEGPHU 132EV-TANAEPUR(N MAHENDRANAEPUR(N MAHENDRAN	0 0 0 8-40 0 0 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) RI 1,24 (& 400kV RI 1,24	1653 2058 3286 0 0 0 91 WR-SR NGES Max (MW) 163 42 0 27 -111 0 -225	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11 0 0 -165	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6	7-0.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MIT) -0.9 -0.4 -0.2 -5.2 -6.2
4 5 6	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGG MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHENDANAGAR(400KV-MUZAFFARPI	0 0 0 8-40 0 0 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) RI 1,24 (& 400kV RI 1,24	1653 2058 3286 0 0 0 9 91 WR-SR NGES Max (MW) 163 42 0 27 -111 0 -225	0.0 0.0 0.0 0.0 14.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11 0 0 -165	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6	70.5 35.0 -63.0 -6
4 5 6 7 8 8	HVDC 765 kV 765 kV 265 kV 220 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH i.e. ALIPURDIAR RE MANGDECHU HEP 4 400KV TALABINAGI MALBASE - BINAGU BECEIPT (From TALA 250KV CHUKRIA-BIR AGECIPT (From TALA 250KV CHUKRIA-BIR 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHENDRANAGAR 400KV-MUZAFFARPI 132KV-BIHAR - NEP/ BHERAMARA HVDC	0 0 0 840 0 0 0 840 0 0 0 NATIONAL EXCHA! Name L-ALIPURDUAR 1&2 CEIPT (from 18R1 1,24 (4400kV RR 1 1,	1653 2058 3286 0 0 91 91 WR-SR NGES Max (MW) 163 42 0 27 -11 0 -225 -285 -859	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 111 0 -165 -104	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6	7-0.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MIT) -0.9 -0.4 -0.2 -5.2 -6.2
4 5 6 7 8 8	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI ROHAPUR-KUDGI REGION REGION ER ER ER NER NER NER NER ER E	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH Le. ALIPURDUAR RE BINAGU RECEIPT (from TALL ZÜRV CHIKHA-BIR MALBASE - BIRAGU RECEIPT (from CHUI 132kV-GEYLEGPHU 132kV-MOTARASPHUR) MAHENDRANAGAR 400kV-MUZAFFARPI 132kV-BIHAR - NEPA BHERAMARA HVDC 132kV-SURAJMANI 1	0 0 0 8-40 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *1880MW) IRI 1,24 (& 4006V R) IRI 1,24 (& 4006V R) AND 1 R) IRI 1,24 (& 4006V R) IR	1653 2058 3286 0 0 0 91 WR-SR NGES Max (MW) 163 42 0 27 -111 0 -225	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 11 0 0 -165	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6	7-70.5 -35.0 -63.0 -14.0 -0.0 -0.0 -0.0 -1.8 -176.4 Energy Exchange (MIT) -0.9 -0.4 -0.2 -5.2 -6.2
4 5 6 7 8 8	HVDC 765 kV 765 kV 265 kV 220 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANDDECHH te. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132kV-GHUKHA-BIR 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-TANAKPUR(N MAHENDRANAGAR(400kV-MUZAFFARPI 132kV-BIHAR - NEP/ BHERAMARA HVDC 132kV-SURAJMANI 1 COMILLA(BANGLAI	0 0 0 8-40 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from ** 1880MW) IRI 1,2.4 (& 400kV RI) IRI 1,2.	1653 2058 3286 0 0 91 91 WR-SR NGES Max (MW) 163 42 0 27 -11 0 -225 -285 -859	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 111 0 -165 -104	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6 -217 -260 -774	-70.5 -35.0 -63.0
4 5 6 7 8 8	HVDC 765 kV 765 kV 265 kV 220 kV 220 kV 220 kV 220 kV	RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH Le. ALIPURDUAR RE BINAGU RECEIPT (from TALL ZÜRV CHIKHA-BIR MALBASE - BIRAGU RECEIPT (from CHUI 132kV-GEYLEGPHU 132kV-MOTARASPHUR) MAHENDRANAGAR 400kV-MUZAFFARPI 132kV-BIHAR - NEPA BHERAMARA HVDC 132kV-SURAJMANI 1	0 0 0 840 0 0 0 840 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RR 1,24 (4 400kV RR 1,24	1653 2058 3286 0 0 91 91 WR-SR NGES Max (MW) 163 42 0 27 -11 0 -225 -285 -859	0.0 0.0 0.0 0.0 14.0 0.0 0.0 0.0 1.8 15.8 Min (MW) 0 37 0 111 0 -165 -104	70.5 35.0 63.0 0.0 0.0 0.0 0.0 192.2 Avg (MW) 135 42 0 18 -6 -217 -260 -774	-70.5 -35.0 -63.0