

## 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: 14<sup>th</sup> July 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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

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

Sub: Daily PSP Report for the date 13.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-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 13<sup>th</sup> July 2021, is available at the NLDC website.

धन्यवाद.

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



Report for previous day A. Power Supply Position at All India and Regional level Date of Reporting: 14-Jul-2021 NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) 61561 49045 38657 3021 Peak Shortage (MW) 200 0 0 205 Energy Met (MU) 55 1437 1152 881 510 4034 Hydro Gen (MU) 612 336 16 46.68 76 34.73 201 62.3 293 149 Wind Gen (MU) Solar Gen (MU)\* 4.61 0.15 Energy Shortage (MU) 3.62 0.00 0.00 0.000.03 3.65 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 65679 49430 41273 23562 3027 175126 Time Of Maximum Demand Met (From NLDC SCADA) 11:24 09:37 21:11 19:56 21:10 B. Frequency Profile (%) Region All India 49.9 - 50.05 73.68 FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 > 50.05 0.026 0.00 0.00 0.46 C. Power Supply Position in States Max.Demand Shortage during Energy Met Energy Region States Met during the Schedule Shortage maximum (MU) (MU) (MW) day(MW) Demand(MW) (MU) (MU) 243.7 176 Punjab 11166 161.0 -1.4 0.00 Haryana 176.0 0.00 258.2 Rajasthan 12247 74.8 3.9 631 0.00 119.9 108.7 Delhi -2.1 269 0.02 NR UP 23850 482.5 233.0 0.7 380 0.00 Uttarakhand 45.5 18.7 2058 0.4 0.00 HP 1394 27.3 -5.8 0 0.15 J&K(UT) & Ladakh(UT) 2310 41.5 14.7 320 1.5 3.45 Chandigarh 318 -0.2 0.00 54.2 4206 101.3 0.2 266 Chhattisgarh 0.00 Gujarat 15133 331.4 156.7 -0.1 801 0.00 10414 235.5 149.2 579 MP 0 -0.5 0.00WR Maharashtra 19544 429.4 -4.0 688 0.00 Goa 531 11.0 10.0 0.4 43 0.00 0.1 DNH 833 19.5 19.4 0.1 48 0.00 AMNSIL 807 17.3 0.1 0.00 3.8 Andhra Pradesh 7749 164.4 32.2 713 0.00 Telangana 8355 0.3 166. 699 0.00 SR Karnataka 8687 166.3 15.5 -0.2 0.00 34.6 3110 0.1 369 Kerala 64.3 0.00 Tamil Nadu 14033 310.7 120.7 -1.0 883 0.00 389 Puducherry 0 8.2 8.6 -0.4 16 0.00 Bihar 6382 132.4 123.0 DVC 3021 65.4 -36.3 -0.2 351 0.00 Jharkhand 1470 24.6 161 ER Odisha 5572 106.4 37.5 0.3 271 0.00 West Bengal 8340 174.8 51.2 0.4 Sikkim 105 1.7 2.5 1.4 0.2 0.00 Arunachal Pradesh 123 0 2.5 0.0 19 0.00 Assam 1957 35.0 28.5 0.00 0.0 Manipur 194 2.7 0.01 NER Meghalaya 5.4 -0.2 0.2 0.00 1.3 18 0.01 Mizoram 1.6 Nagaland 144 0.0 0.01 Tripura 281 0.00 D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan Nepal Bangladesh Actual (MU)  $E.\ Import/Export\ by\ Regions\ (in\ MU)\ -\ Import(+ve)/Export(-ve);\ OD(+)/UD(-)$ WR ER NER TOTAL Schedule(MU) -180.7 -178.2 -102.7 -112.4 -2.8 -4.0 Actual(MU) O/D/U/D(MU) -64.4 -6.5 F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4412	15853	8982	1070	622	30939	45
State Sector	7305	18396	7408	4875	11	37995	55
Total	11717	34249	16390	5945	633	68934	100

### G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	615	1134	484	513	11	2757	67
Lignite	28	11	42	0	0	82	2
Hydro	336	28	84	136	29	612	15
Nuclear	25	32	42	0	0	99	2
Gas, Naptha & Diesel	26	30	11	0	24	91	2
RES (Wind, Solar, Biomass & Others)	81	111	294	5	0	491	12
Total	1112	1348	956	653	64	4133	100
Share of RES in total generation (%)	7.29	8.23	30.76	0.71	0.23	11.88	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	39.75	12.72	43.85	21.54	44.87	29.09	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.045
Based on State Max Demands	1.099

Diversity factor = Sum of regional or state maximum demands / All India maximum demand
\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

### INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 14-Jul-2021

Sl No Impor							Date of Reporting:	14-Jul-2021
Impo	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
			10. 01 CITCUIT	max import (MW)	max export (MW)	тирогі (МО)	Export (MU)	MET (MU)
	rt/Export of ER (	With NR) ALIPURDUAR-AGRA	2	0	2001	0.0	35.7	357
2.		PUSAULI B/B		0	2001 245	0.0	5.8	-35.7 -5.8
3		GAYA-VARANASI	2	Ö	710	0.0	10.4	-10.4
4	765 kV	SASARAM-FATEHPUR	1	121	92	0.3	0.0	0.3
5		GAYA-BALIA	1	0	640	0.0	11.1	-11.1
7		PUSAULI-VARANASI PUSAULI -ALLAHABAD	+	0	236 77	0.0	4.8 1.0	-4.8 -1.0
8		MUZAFFARPUR-GORAKHPUR	2	0	566	0.0	11.3	-1.0 -11.3
9		PATNA-BALIA	4	ő	994	0.0	16.9	-16.9
10		BIHARSHARIFF-BALIA	2	0	299	0.0	5.6	-5.6
11		MOTIHARI-GORAKHPUR	2	0	337	0.0	5.4	-5.4
12 13		BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	1	0 8	265 128	0.0	3.2 1.8	-3.2 -1.8
14		SONE NAGAR-RIHAND	i	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	i	20	Ŏ	0.6	0.0	0.6
16		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
Imno	rt/Export of ER (	With WD)			ER-NR	0.9	112.9	-112.0
1		JHARSUGUDA-DHARAMJAIGARH	4	88	1086	0.0	13.4	-13.4
2		NEW RANCHI-DHARAMJAIGARH	2	1724	0	30.6	0.0	30.6
3		JHARSUGUDA-DURG	2	75	162	0.0	0.8	-0.8
4		JHARSUGUDA-RAIGARH	4	0	379	0.0	4.5	-4.5
5		RANCHI-SIPAT	2	444	0	7.9	0.0	7.9
6		BUDHIPADAR-RAIGARH	1	0	142	0.0	2.4	-2.4
7	220 kV	BUDHIPADAR-KORBA	2	106	0	1.4	0.0	1.4
					ER-WR	39.9	21.0	18.9
Impo	rt/Export of ER (							
1		JEYPORE-GAZUWAKA B/B	2	245	0	6.1	0.0	6.1
2		TALCHER-KOLAR BIPOLE	2	0	1635	0.0	28.4 29.0	-28.4
3		ANGUL-SRIKAKULAM TALCHER-I/C	2 2	0 802	1933 104	0.0 10.7	0.0	-29.0 10.7
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
					ER-SR	6.1	57.3	-51.2
Impo	rt/Export of ER (				044			
1	400 kV	BINAGURI-BONGAIGAON	2	0	416	0.0	6.4	-6.4
2		ALIPURDUAR-BONGAIGAON	2	101	354	0.0	2.6	-2.6
3	220 kV	ALIPURDUAR-SALAKATI	2	0	144 ED MED	0.0	2.2	-2.2
Imno	rt/Export of NER	(With ND)			ER-NER	0.0	11.1	-11.1
1		BISWANATH CHARIALI-AGRA	2.	1 0	703	0.0	16.9	-16.9
	птьс	DISWARATH CHARLEL-AGRA			NER-NR	0.0	16.9	-16.9
Impo	rt/Export of WR (	With NR)				VIV		****
1		CHAMPA-KURUKSHETRA	2	0	4035	0.0	65.8	-65.8
2	HVDC	VINDHYACHAL B/B	-	244	52	3.3	0.5	2.8
3		MUNDRA-MOHINDERGARH	2	0	1914	0.0	46.7	-46.7
4		GWALIOR-AGRA	2	0	2956	0.0	51.8	-51.8
6		GWALIOR-PHAGI JABALPUR-ORAI	2	0	1958 1339	0.0	35.8 48.1	-35.8
7		GWALIOR-ORAI	1	613	0	0.0 12.8	0.0	-48.1 12.8
8		SATNA-ORAI	1	013	1496	0.0	30.1	-30.1
9	765 kV	BANASKANTHA-CHITORGARH	2	1132	0	14.8	0.0	14.8
10	400 kV	ZERDA-KANKROLI	1	208	0	3.2	0.0	3.2
11	400 kV	ZERDA -BHINMAL	1	449	0	6.7	0.0	6.7
12		VINDHYACHAL -RIHAND	1	962	0	14.3	0.0	14.3
13		RAPP-SHUJALPUR	2	0	571	0.0	8.1	-8.1
14		BHANPURA-RANPUR BHANPURA-MORAK	1	5	87 30	0.0	1.1 0.5	-1.1 -0.4
15 16	220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1	94	8	0.1 0.2	0.3	-0.4 -0.1
17		MALANPUR-AURAIYA	î	60	37	0.6	0.0	0.6
18	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
19	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
					WR-NR	56.0	288.8	-232.8
								-232.0
	rt/Export of WR (	With SR)	1	501				
1	HVDC	BHADRAWATI B/B	- 2	791	0	14.1	0.0	14.1
2	HVDC HVDC	BHADRAWATI B/B RAIGARH-PUGALUR	2 2	1448	0	14.1 26.4		14.1 26.4
1	HVDC HVDC 765 kV	BHADRAWATI B/B	2 2 2 2			14.1	0.0	14.1
2 3	HVDC HVDC 765 kV 765 kV 400 kV	BHADRA WATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI		1448 1996	0 259	14.1 26.4 22.7	0.0 0.0 0.0 8.9 0.0	14.1 26.4 22.7
1 2 3 4 5 6	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI		1448 1996 478 1277	0 259 1200 0	14.1 26.4 22.7 0.0 19.4 0.0	0.0 0.0 0.0 8.9 0.0 0.0	14.1 26.4 22.7 -8.9 19.4 0.0
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 1	1448 1996 478 1277 0	0 259 1200 0 0	14.1 26.4 22.7 0.0 19.4 0.0 0.0	0.0 0.0 0.0 8.9 0.0 0.0	14.1 26.4 22.7 -8.9 19.4 0.0 0.0
1 2 3 4 5 6	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2	1448 1996 478 1277	0 259 1200 0 0 0	14.1 26.4 22.7 0.0 19.4 0.0 0.0	0.0 0.0 0.0 8.9 0.0 0.0 0.0	14.1 26.4 22.7 -8.9 19.4 0.0 0.0
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 1 1	1448 1996 478 1277 0 0	0 259 1200 0 0	14.1 26.4 22.7 0.0 19.4 0.0 0.0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 1	1448 1996 478 1277 0 0	0 259 1200 0 0 0	14.1 26.4 22.7 0.0 19.4 0.0 0.0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 1 1 1 TERNATIONAL EX	1448 1996 478 1277 0 0	0 259 1200 0 0 0	14.1 26.4 22.7 0.0 19.4 0.0 0.0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 TERNATIONAL EX	1448 1996 478 1277 0 0 0 CHANGES	0 259 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EX	1448 1996 478 1277 0 0 0 CHANGES Name	0 259 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU. MANGDECHH HEP 4	1448 1996 478 1277 0 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from PISOMW)	0 259 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Imports	14.1 26.4 22.7 8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHI 1,283 i.e. ALPURDU. MANGDECHI HE? 400KV TALA BINAGI	1448 1996 478 1277 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\psi\$ 180MW)	0 259 1200 0 0 0 81 WR-SR Max (MW)	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1 Min (MW)	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 8.9 Import Avg (MW)	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHU HEP 4 400KV TALA BINAGU MALBASE - BINAGU MALBASE - BINAGU	1448 1996 478 1277 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 9±180MW) IRI 1,24 (& 400KV) RIN 1,24 (& 400KV) RIN 1,24 (& 40KV)	0 259 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Imports	14.1 26.4 22.7 8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 1 1 1 TERNATIONAL EX TERNATIONAL EX Honey MANGBECHH 1,2&3 i.e. ALIPURDU MANGBECHH HP 400KY TALA-BINAGI MALBASE - BINAGI MALBASE - BINAGI MEEGEIPT (From TAL)	1448 1996 478 1277 0 0 0 0 CHANGES  Name U-ALIPURDUAR AR RECEIPT (from † 180MW) 181 1,24 (8. 400kV   RI) i.e. BINAGURI	0 259 1200 0 0 0 81 WR-SR Max (MW)	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1 Min (MW)	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 8.9 Import Avg (MW)	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHU HEP 4 400KV TALA BINAGU MALBASE - BINAGU MALBASE - BINAGU	1448 1996 478 1277 0 0 0 CHANGES Name UU-ALIPURDUAR AR RECEIPT (from ±180MW) IRI 1,2,4 (& 400kV) IRI 1,2,4 (& 400kV) RI 1,2,4 (& 400kV) A HEP (6±170MW) PARA 1&2 (& 42 200kV	0 2.59 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1 Min (MW)	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 8.9 Import Avg (MW)	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL Z20kV CHUKHA-BIR	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) URI 1,24 (& 400kV   RI) i.e. BINAGURI 4 MFP (6#10MW) PARA 142 (& 220kV A) i.e. BIRPAGURI	0 259 1200 0 0 0 81 WR-SR Max (MW)	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1 Min (MW)	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Importi Avg (MW)	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII)
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 128 1124 (4400kV   180   140   1	0 259 1200 0 0 0 81 WR-SR Max (MW) 667	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 623	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MU) 15.0 24.3
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 128 1124 (4400kV   180   140   1	0 2.59 1200 0 0 0 81 WR-SR	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1 Min (MW)	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Importi Avg (MW)	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MUI) 15.0
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 128 1124 (4400kV   180   140   1	0 259 1200 0 0 0 81 WR-SR Max (MW) 667	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 623	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MU) 15.0 24.3
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 is. ALPURBOU. MANGDECHH HB '- 400kV TALA-BINAGU RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132kV GELEPHU-SAI	1448 1996 478 1277 0 0 0 CCHANGES  Name IU-ALIPURDUAR AR RECEIPT (from PF 180MW) IRI 1,24 (& 400KV IRI) RIP 1,24 (& 400KV IRI) RIP 1,24 (& 40KV IRI) RIP 1,24 (& 40KV IRI) RIP 1,24 (& 40KV IRI) LE BINAGURI AHEP (6+170MW) PARA 1&2 (& 220KV A) i.e. BIRPARA	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0	0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 623	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1448 1996 478 1277 0 0 0 CCHANGES  Name IU-ALIPURDUAR AR RECEIPT (from PF 180MW) IRI 1,24 (& 400KV IRI) RIP 1,24 (& 400KV IRI) RIP 1,24 (& 40KV IRI) RIP 1,24 (& 40KV IRI) RIP 1,24 (& 40KV IRI) LE BINAGURI AHEP (6+170MW) PARA 1&2 (& 220KV A) i.e. BIRPARA	0 259 1200 0 0 0 81 WR-SR Max (MW) 667	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW) 0	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Imports Avg (MW) 623	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MU) 15.0
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHICGI KOLHAPUR-CHICGI FONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 is. ALPURBOU. MANGDECHH HB '- 400kV TALA-BINAGU RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132kV GELEPHU-SAI	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p+180MW) 181 12,4 (4 400kV RI) i.e. BINAGURI AT ILE P(=10MW) AT ILE P(=10MW) AT ILE P(=20MW) AT ILE P(=20M	0 2.59 1200 0 0 81 WR-SR Max (MW) 667 1023	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW) 0 21	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mports Avg (MW) 623 1012 282 27	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p+180MW) 181 12,4 (4 400kV RI) i.e. BINAGURI AT ILE P(=10MW) AT ILE P(=10MW) AT ILE P(=20MW) AT ILE P(=20M	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW) 0	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 8.9 Imports Avg (MW) 623	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHICGI KOLHAPUR-CHICGI FONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU. MANGDECHH 1,283 ie. ALIPURDU. MANGDECHH 1,284 ie. ALIPURDU. MANGDECHH 400kV TALA-BINAGU RECEIPT (from TAL. RECEIPT (from THU 132kV GELEPHU-SAI 132kV MOTANGA-R/	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p+180MW) 181 12,4 (4 400kV RI) i.e. BINAGURI AT ILE P(=10MW) AT ILE P(=10MW) AT ILE P(=20MW) AT ILE P(=20M	0 2.59 1200 0 0 81 WR-SR Max (MW) 667 1023	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW) 0 21	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mports Avg (MW) 623 1012 282 27	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHICGI KOLHAPUR-CHICGI FONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU. MANGDECHH 1,283 ie. ALIPURDU. MANGDECHH 1,284 ie. ALIPURDU. MANGDECHH 400kV TALA-BINAGU RECEIPT (from TAL. RECEIPT (from THU 132kV GELEPHU-SAI 132kV MOTANGA-R/	1448 1996 478 1277 0 0 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from P-180MW) URI 1,24 (& 400kV RR)	0 2.59 1200 0 0 81 WR-SR Max (MW) 667 1023	14.1 26.4 22.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW) 0 21	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mports Avg (MW) 623 1012 282 27	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400EV MANGDECHH 1,283 Le. ALIPURDU MANGDECHU HEP 4 400EV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TAL 220EV CHUKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132EV GELEPHU-SAI 132EV MOTANGA-R/ 132EV MAHENDRAN TANAKPUR(NHPC)	1448 1996 478 1277 0 0 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from P-180MW) URI 1,24 (& 400kV RR)	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302	14.1 26.4 20.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0  21 26	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 8.9 Imports Avg (MW) 623 1012 282 27 48	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER  ER  NER  NER  NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV MANGDECHH 1,283 ie. Ali PURDU MANGDECHU HEP 2 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SAI 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPURNHPC) NEPAL IMPORT (FR	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 1918) 1800W) 181 12.4 (4 400kV   181 1	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302 35 62 -81	14.1 26.4 22.7 0.0 19.4 0.0 1.5 84.1  Min (MW)  0  0  21 26 0  -72	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 100 0.0 100 623 1012 282 27 48	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV MANGDECHH 1,283 ie. Ali PURDU MANGDECHU HEP 2 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SAI 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPURNHPC) NEPAL IMPORT (FR	1448 1996 478 1277 0 0 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from P-180MW) URI 1,24 (& 400kV RR)	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302	14.1 26.4 20.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0  21 26	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 8.9 Imports Avg (MW) 623 1012 282 27 48	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER  ER  NER  NER  NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV MANGDECHH 1,283 ie. Ali PURDU MANGDECHU HEP 2 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SAI 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPURNHPC) NEPAL IMPORT (FR	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 1918) 1800W) 181 12.4 (4 400kV   181 1	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302 35 62 -81	14.1 26.4 22.7 0.0 19.4 0.0 1.5 84.1  Min (MW)  0  0  21 26 0  -72	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 100 0.0 100 623 1012 282 27 48	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHH HEP 4 400kV TALA-BINAGU MALGASE - BINAGU M	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 1918) 1800W) 181 12.4 (4 400kV   181 1	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302 35 62 -81	14.1 26.4 22.7 0.0 19.4 0.0 1.5 84.1  Min (MW)  0  0  21 26 0  -72	0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 100 0.0 100 623 1012 282 27 48	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5 -2.9
1 2 3 4 5 6 7	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER  ER  NER  NER  NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHH HEP 4 400kV TALA-BINAGU MALGASE - BINAGU M	1448 1996 478 1277 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PISOMW) ORI 1,24 (& 400K) ORI 1,24 (& 400K) KIN JA (& 400K) ALIPURDUAR ALIP	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302 35 62 -81 -176	14.1 26.4 20.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0  0	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 8.9 Imports Avg (MW) 623 1012 282 27 48 -62 -122	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5
1 2 3 4 5 5 6 7 8	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER  ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 i.e. Ali PURDU MANGDECHH HEP, 400kV TALA.BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 250kV CHUKRIA-BIR HALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-R-I 132kV MAHENDRAN 132kV MAHENDRAN NEPAL IMPORT (FR 400kV DHALKEBAR-BHERAMARA B/B H	1448 1996 478 1277 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from p+180MW) IGH 12.74 (400kV rR) i.e. BINAGURI AHPP (6+120MW) PARA 182 (& 220kV A) LAKATI ANGIA AGAR- COM BIHAR) MUZAFFARPUR 1&2 WUZAFFARPUR 1&2	0 2.59 1200 0 0 0 81 WR-SR  Max (MW) 667  1023 302 35 62 -81 -176 -232	14.1 26.4 21.7 0.0 0.0 19.4 0.0 0.0 0.1.5 84.1  Min (MW)  0 0 0	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 0.0 0.0 1mports  Avg (MW)  623  1012  282  27  48  -62  -122  -170	14.1 26.4 22.7 8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5 -2.9 -4.1
1 2 3 4 5 5 6 7 8	HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHH HEP 4 400kV TALA-BINAGU MALGASE - BINAGU M	1448 1996 478 1277 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from p+180MW) IGH 12.74 (400kV rR) i.e. BINAGURI AHPP (6+120MW) PARA 182 (& 220kV A) LAKATI ANGIA AGAR- COM BIHAR) MUZAFFARPUR 1&2 WUZAFFARPUR 1&2	0 2.59 1200 0 0 0 81 WR-SR Max (MW) 667 1023 302 35 62 -81 -176	14.1 26.4 20.7 0.0 19.4 0.0 0.0 1.5 84.1  Min (MW)  0  0	0.0 0.0 0.0 0.0 0.0 8.9 0.0 0.0 0.0 8.9 Imports Avg (MW) 623 1012 282 27 48 -62 -122	14.1 26.4 22.7 -8.9 19.4 0.0 0.0 1.5 75.2 +ve)/Export(-ve) Energy Exchange (MII) 15.0 24.3 6.8 0.7 1.2 -1.5 -2.9