

## National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

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

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

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दिनांक: 07<sup>th</sup> Dec 2020

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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 06.12.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06–दिसम्बर -2020 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 6<sup>th</sup> December 2020, is available at the NLDC website.

धन्यवाद.

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



Report for previous day Date of Reporting: 07-Dec-2020

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	44373	48577	33403	15920	2365	144638
Peak Shortage (MW)	500	0	0	169	58	727
Energy Met (MU)	921	1194	772	333	41	3260
Hydro Gen (MU)	110	39	58	41	13	260
Wind Gen (MU)	14	28	54	-	-	96
Solar Gen (MU)*	30.27	30.65	77.40	4.51	0.09	143
Energy Shortage (MU)	10.07	0.00	0.00	0.51	1.07	11.65
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	47943	57001	38074	16764	2437	156922
Time Of Maximum Demand Met (From NLDC SCADA)	10:39	10:50	09:32	18:30	17:29	10:28
B. Frequency Profile (%)						
Region FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05

All India	0.031	0.00	0.01	3.30	3.31	77.58	19.11	
C. Power Sur	pply Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortage
_		day(MW)	Demand(MW)	(MIU)	(MU)	(MU)	(NIW)	(MU)
	Punjab	6528	0	126.2	73.0	-0.9	54	0.00
	Haryana	6549	0	119.5	97.8	0.6	279	0.00
	Rajasthan	12895	0	245.3	67.9	-0.8	357	0.00
	Delhi	3445	0	58.6	40.9	0.9	203	0.00
NR	UP	14515	270	255.6	86.7	-0.7	382	0.00
	Uttarakhand	1834	0	33.9	24.9	-0.1	149	0.07
	HP	1551	0	27.5	21.9	-0.3	170	0.00
	J&K(UT) & Ladakh(UT)	2625	500	51.7	45.3	0.5	377	10.00
	Chandigarh	173	0	3.0	3.1	-0.1	12	0.00
	Chhattisgarh	3561	0	78.4	25.5	0.7	195	0.00
	Gujarat	15798	0	340.3	69.9	2.9	373	0.00
	MP	14312	0	284.0	182.4	0.9	620	0.00
WR	Maharashtra	21675	0	439.1	142.2	-3.3	752	0.00
	Goa	436	0	8.9	8.8	0.0	29	0.00
	DD	302	0	7.0	6.6	0.4	31	0.00
	DNH	770	0	18.0	17.9	0.1	41	0.00
	AMNSIL	800	0	17.9	2.9	0.1	278	0.00
	Andhra Pradesh	6819	0	145.9	76.1	0.1	525	0.00
	Telangana	7930	0	157.3	47.8	-0.7	481	0.00
SR	Karnataka	9616	0	176.8	49.4	0.0	557	0.00
	Kerala	3141	0	64.3	50.2	0.7	194	0.00
	Tamil Nadu	10540	0	221.1	152.1	-3.9	360	0.00
	Puducherry	302	0	6.2	6.4	-0.2	36	0.00
	Bihar	4195	0	73.1	72.5	-0.6	302	0.00
	DVC	2979	0	65.1	-39.6	2.1	330	0.00
	Jharkhand	1353	0	23.7	20.6	-1.6	205	0.51
ED	Odicho	3667	Δ.	667	1.2	0.7	2.41	0.00

5.4 1.7 2.3 18.2

3.2

1.8

66.7

102.7

1.5 2.1 22.5

3.0

6.3

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341

425

22 14 132

28

30 22

-0.7

-0.1

-0.2 -0.2

-0.3

0.0

-0.1 0.2

0.00

0.00

 $0.00 \\ 0.01$ 

0.02

0.00

0.01

0.01

0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan Nepal Bangladesh 10.1

West Bengal

Sikkim Arunachal Pradesh

Odisha

Assam

Manipur Meghalaya

Mizoram

Nagaland

ER

NER

Actual (MU) Day Peak (MW) E. Import/Export by Regions (in MII) - Import(+ve)/Export(-ve): OD(+)/IID(-)

E. Import/Export by Regions (in MiO) - Import(+ve)/Export(-ve), OD(+)/OD(-)									
	NR	WR	SR	ER	NER	TOTAL			
Schedule(MU)	239.2	-246.2	131.5	-125.9	1.4	0.0			
Actual(MU)	236.1	-228.8	118.7	-130.9	2.1	-2.8			
O/D/U/D(MU)	-3.1	17.4	-12.8	-5.0	0.7	-2.8			

3667

5444

93 109

1346

233

333

105

123

215

F. Generation Outage(MW)						
	NR	WR	SR	ER	NER	TOTAL
Central Sector	7466	16195	11682	2940	689	38971
State Sector	12936	13685	13687	4522	11	44840
Total	20402	29879	25369	7462	700	83812

G. Sourcewise generation (MU)						
	NR	WR	SR	ER	NER	All India
Coal	447	1241	355	439	7	2489
Lignite	24	15	15	0	0	54
Hydro	110	39	58	41	13	260
Nuclear	28	33	60	0	0	120
Gas, Naptha & Diesel	22	53	13	0	24	112
RES (Wind, Solar, Biomass & Others)	71	60	167	5	0	303
Total	701	1441	668	484	44	3338
Share of RES in total generation (%)	10.15	4.14	25.03	0.94	0.21	9.07
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	29.70	9.14	42.67	9.32	30.22	20.47

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.034
Based on State Max Demands	1.060

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: 07-Dec-2020 |
| Export (MU) | NET (MU)

							Date of Reporting:	07-Dec-2020
	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
	Export of ER (			1	1	F ( /	1	
1	HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2		PUSAULI B/B		0	301	0.0	7.4	-7.4 12.4
4	765 kV 765 kV	GAYA-VARANASI SASARAM-FATEHPUR	1	0	1114 385	0.0	13.4 3.8	-13.4 -3.8
5	765 kV	GAYA-BALIA	i	0	536	0.0	7.8	-7.8
6		PUSAULI-VARANASI	1	0	221	0.0	4.7	-4.7
8	400 kV 400 kV	PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	1	0	150 930	0.0	2.6 10.1	-2.6 -10.1
9	400 kV	PATNA-BALIA	4	0	1279	0.0	17.9	-17.9
10	400 kV	BIHARSHARIFF-BALIA	2	0	471	0.0	5.0	-5.0
11	400 kV	MOTIHARI-GORAKHPUR	2	0	396	0.0	5.6	-5.6
12		BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	2	7 57	201 30	0.0 0.5	1.4 0.0	-1.4 0.5
14	132 kV	SONE NAGAR-RIHAND	i	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	1	20	0	0.3	0.0	0.3
16	132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0 0.8	0.0 79.5	0.0 -78.8
Import/	Export of ER (	With WR)			Dit 11iq	0.0	17.0	-/0.0
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	697	601	0.6	0.0	0.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	597	377	4.2	0.0	4.2
3	765 kV	JHARSUGUDA-DURG	2	30	230	0.0	2.9	-2.9
4	400 kV	JHARSUGUDA-RAIGARH	4	65	398	0.0	3.6	-3.6
5		RANCHI-SIPAT	2	177	153	0.8	0.0	0.8
6	220 kV	BUDHIPADAR-RAIGARH	1	15	71	0.0	0.4	-0.4
7		BUDHIPADAR-KORBA	2	82	46	0.3	0.0	0.3
			_		ER-WR	5.8	6.9	-1.1
Import/	Export of ER (							
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	488	0.0	11.5	-11.5
3	HVDC 765 kV	TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2 2	0	1989 2706	0.0	42.5 46.2	-42.5 -46.2
4		TALCHER-I/C	2	96	2706 748	0.0	46.2 10.0	-46.2 -10.0
5		BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
					ER-SR	0.0	100.2	-100.2
	Export of ER (							
2	400 kV 400 kV	BINAGURI-BONGAIGAON	2 2	269 411	89 117	3.7 5.0	0.0 0.0	3.7 5.0
3		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2		34			
				64	ER-NER	9.6 9.3	0.0	0.6 9.3
Import/	Export of NER	(With NR)				7.0	1 0.0	7.0
1	HVDC	BISWANATH CHARIALI-AGRA	2	472	0	11.5	0.0	11.5
		Will NO			NER-NR	11.5	0.0	11.5
1mport/	Export of WR (			0	2001	0.0	25.6	25.6
2		CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	193	2001	0.0 3.3	35.6 0.0	-35.6 3.3
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1918	0.0	36.7	-36.7
4	765 kV	GWALIOR-AGRA	2	Ŏ	2556	0.0	47.0	-47.0
5	765 kV	PHAGI-GWALIOR	2	0	1658	0.0	20.7	-20.7
6	765 kV	JABALPUR-ORAI	2	0	974	0.0	33.2	-33.2
7		GWALIOR-ORAI	1	709	1200	11.1	0.0	11.1
9	765 kV 765 kV	SATNA-ORAI CHITORGARH-BANASKANTHA	1	0	1309 742	0.0	27.5 7.4	-27.5 -7.4
10	400 kV	ZERDA-KANKROLI	í	92	143	0.0	0.4	-0.4
11	400 kV	ZERDA -BHINMAL	1	143	320	0.0	3.0	-3.0
12	400 kV	VINDHYACHAL -RIHAND	1	969	0	22.3	0.0	22.3
13		RAPP-SHUJALPUR	2	60	362	0.0	2.9	-2.9
14	220 kV 220 kV	BHANPURA-RANPUR	1	13	151	0.0	1.5	-1.5
15 16	220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1	11 112	0	0.4 0.4	0.3 0.0	0.0 0.4
17	220 kV	MALANPUR-AURAIYA	1	73	15	1.0	0.0	1.0
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
I	Export of WR (	With CD)			WR-NR	38.5	216.2	-177.7
1 mport/	HVDC	BHADRAWATI B/B		0	1002	0.0	1 40 - 1	
2								-10.7
3	765 kV	RAIGARH-PUGALUR	2	0	997	0.0 0.0	10.7 13.1	-10.7 -13.1
4		SOLAPUR-RAICHUR	2	1324	997 2372	0.0 0.0	13.1 16.8	-13.1 -16.8
5	765 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2	1324 606	997 2372 1919	0.0 0.0 0.0	13.1 16.8 18.5	-13.1 -16.8 -18.5
	400 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	1324 606 882	997 2372 1919 71	0.0 0.0 0.0 6.4	13.1 16.8 18.5 0.0	-13.1 -16.8 -18.5 6.4
6	400 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2	1324 606	997 2372 1919 71 0	0.0 0.0 0.0 6.4 0.0	13.1 16.8 18.5 0.0 0.0	-13.1 -16.8 -18.5 -6.4 0.0
6 7 8	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	1324 606 882 0	997 2372 1919 71 0 0	0.0 0.0 0.0 6.4 0.0	13.1 16.8 18.5 0.0 0.0	-13.1 -16.8 -18.5 -6.4 -0.0
7	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2	1324 606 882	997 2372 1919 71 0	0.0 0.0 0.0 6.4 0.0	13.1 16.8 18.5 0.0 0.0	-13.1 -16.8 -18.5 -6.4 0.0
7	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1	1324 606 882 0	997 2372 1919 71 0 42 WR-SR	0.0 0.0 0.0 6.4 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0	-13.1 -16.8 -18.5 6.4 0.0 0.0 0.8 -51.8
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1 1	1324 606 882 0 1 0	997 2372 1919 71 0 42 WR-SR	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0	-13.1 -16.8 -18.5 6.4 0.0 0.0 0.8 -51.8
8	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1 1 1 INTER	1324 606 882 0 1 0 NATIONAL EXCHA	997 2372 1919 71 0 42 WR-SR	0.0 0.0 0.0 6.4 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.0 -0.8
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 1 1 1 INTER Line	1324 606 882 0 1 0 NATIONAL EXCHA Name	997 2372 1919 71 0 0 WR-SR NGES Max (MW)	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.0 -51.8 Energy Exchange
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 1 1 1 INTER Line 400kV MANGECHI ic. ALIPURDUAR RE	1324 606 882 0 1 0 NATIONAL EXCHA: Name U-ALIPURDUAR 1&2 CEEPT (from	997 2372 1919 71 0 42 WR-SR	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0	-13.1 -16.8 -18.5 6.4 0.0 0.0 0.8 -51.8 Energy Exchange
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 1 1 1 INTER Line 400kV MANGECHI ic. ALIPURDUAR RE	1324 606 882 0 1 0 NATIONAL EXCHA: Name U-ALIPURDUAR 1&2 CEEPT (from	997 2372 1919 71 0 0 WR-SR  MGES  Max (MW)	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.0 -51.8 Energy Exchange
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RA MANGDECHI HEP - 400kV TALA-BINAGI MALBASE - BINAGG	1324 606 882 0 1 1 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 C/EIPT (from 4180MW) URI 1,2,4 (& 400kV IRI) Le, BINAGURI	997 2372 1919 71 0 0 WR-SR  MGES  Max (MW)	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.0 -51.8 Energy Exchange
8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RA MANGDECHI HEP - 400kV TALA-BINAGI MALBASE - BINAGG	1324 606 882 0 1 1 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 C/EIPT (from 4180MW) URI 1,2,4 (& 400kV IRI) Le, BINAGURI	997 2372 1919 71 0 42 WR-SR NGES Max (MW)	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 -51.8 -3.7
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER	2 2 2 2 1 1 1 INTER Line 400EV MANGDECHH EAALPURDUAR RE MANGDECHH HEP- 400EV TALA-BINAGI MALBASE - BINAGU RECEIPT (from TALL 220EV CHUKHA-BIR	1324 606 882 0 1 1 0 NATIONAL EXCHA: Name IU-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) URI 1;2,4 (& 4000V) RRI 1;2,7 (& 4000V) RRI 1;2,4 (& 4000V) RAILED (& 2700W) PARA 1&2 (& 2270W)	997 2372 1919 71 0 0 42 WR-SR NGES Max (MW) 165	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW)	13.1 16.8 18.5 9.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7
7 8	400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINACI MALBASE - BINACI MALBASE - BINACI MALBASE - BINACI MALBASE - BIRPAR	1324 606 882 0 1 1 0 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) URI 1,2-4 (400kV) RID 1,6- BINAGURI ALIEP (6*120MW) PARA 1&2 (& 220kV)	997 2372 1919 71 0 42 WR-SR NGES Max (MW)	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 -51.8 -3.7
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI ie. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL. 20kV CHUKHIA-BIR RECEIPT (from CHU	1324 606 882 0 1 1 0 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) IRI) i.e. BINAGURI ALIEP (6*120MW) PARA I.&2 (& 220kV A) i.e. BIRPAGURI KHA HEP 4*84MW)	997 2372 1919 71 0 0 42 WR-SR NGES Max (MW) 165	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW)	13.1 16.8 18.5 9.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINACI MALBASE - BINACI MALBASE - BINACI MALBASE - BINACI MALBASE - BIRPAR	1324 606 882 0 1 1 0 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) IRI) i.e. BINAGURI ALIEP (6*120MW) PARA I.&2 (& 220kV A) i.e. BIRPAGURI KHA HEP 4*84MW)	997 2372 1919 71 0 0 42 WR-SR NGES Max (MW) 165	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW)	13.1 16.8 18.5 9.0 0.0 0.0 0.0 59.0 Avg (MW)	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI ie. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL. 20kV CHUKHIA-BIR RECEIPT (from CHU	1324 606 882 0 1 1 0 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) IRI) i.e. BINAGURI ALIEP (6*120MW) PARA I.&2 (& 220kV A) i.e. BIRPAGURI KHA HEP 4*84MW)	997 2372 1919 71 0 0 42 WR-SR  NGES  Max (MW) 165 225	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW)	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW) 153 212	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 2 1 1 1 INTER Line 400KV MANGDECHI Lie, ALIPUUAR RE MANGDECHU HEP, 400KV TALA, BINACI MALBASE - BINAGU RECEIPT (from TAL ZÜNK 'CHIKHA-BIR MALBASE - BIRPAR MALBASE - BIRPA	1324 606 608 882 0 1 1 0 NATIONAL EXCHA Name III-ALIPURDUAR 1&2 CEIPT (from 64 180MW) URI 12.4 (& 400KV  RI) i.e. BINAGURI AUEP (6-170MW) PARA 1&2 (& 220KV A) i.e. BIRPARA KIHA HEP 4*84MW) I- SALAKATI	997 2372 1919 71 0 0 42 WR-SR  NGES Max (MW) 165 225 84	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW) 0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW) 153 212	-13.1 -16.8 -18.5 -6.4 -0.9 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI ie. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL. 20kV CHUKHIA-BIR RECEIPT (from CHU	1324 606 608 882 0 1 1 0 NATIONAL EXCHA Name III-ALIPURDUAR 1&2 CEIPT (from 64 180MW) URI 12.4 (& 400KV  RI) i.e. BINAGURI AUEP (6-170MW) PARA 1&2 (& 220KV A) i.e. BIRPARA KIHA HEP 4*84MW) I- SALAKATI	997 2372 1919 71 0 0 42 WR-SR  NGES  Max (MW) 165 225	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW)	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW) 153 212	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 2 1 1 1 INTER Line 400RV MANGDECHI ie. ALIPURUAR RE MANGDECHI HEP 400RV TALA-BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL 220RV CHUKHA-BIR HALBASE - BIRPAR RECEIPT (from CHU 132RV-GEYLEGPHU 132RV Motanga-Rang	1324 606 882 0 1 1 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) URI 1,2,4 (& 400kV) IRI 1,6,4 (& 400kV) IRI 1,6,4 (& 20kV) A 1,6,4 (& 10kV) A 1,6,4 (A 1,6 (A 1,	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16	0.0 0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW) 0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW) 153 212 55	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 2 2 1 INTER Line 400KY MANGBECHI Le, ALIPURDUAR RE MANGBECHI HEP, 400KY TALA-BINAGI MALBASE - BINAGI MALBASE - BIRAGI M	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 0 42 WR-SR  NGES Max (MW) 165 225 84	0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW) 0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 59.0 Avg (MW) 153 212	-13.1 -16.8 -18.5 -6.4 -0.9 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 2 2 1 1 INTER Line 400KY MANGBECHI ie, ALIPURDUAR RE HANGBECHI HEP, 400KY TALA, BINAGI MALBASE - BINAGI MALBASE - BIRAGI MALBASE - BIRAGI MALBASE - BIRAGI 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR( MAHENDRANAGAR	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16	0.0 0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW) 0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW) 153 212 55	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 2 1 1 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TALL 220kV CHUKHIA-BIR RECEIPT (from TALL 220kV CHUKHIA-BIR 132kV-GEYLEGPHL 132kV-MALBASE - BIRPAR RECEIPT (from TALL 234kV-TANARPHR 132kV-TANARPHR 132kV-TANARPHR 400kV-MUZAFFARP	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16	0.0 0.0 0.0 0.0 6.4 0.0 0.0 0.8 7.2 Min (MW) 0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW) 153 212 55	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8 Energy Exchange (MII) 3.7 5.1
7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER  NER	2 2 2 2 2 1 1 INTER Line 400KY MANGBECHI ie, ALIPURDUAR RE HANGBECHI HEP, 400KY TALA, BINAGI MALBASE - BINAGI MALBASE - BIRAGI MALBASE - BIRAGI MALBASE - BIRAGI 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR( MAHENDRANAGAR	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 0 42 WR-SR  NGES  Max (MW) 165 225 84 16 -9 -54	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW) 153 212 55 5 -3 -41	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) -1.3 -0.1
7 8 B	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHI HEP- 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV - GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR( MAHENDRANAGAR 400kV-MUZAFFARP DC	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.2  Min (MW)  0 202  0 -4 5	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41 -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) 3.7 -1.1 -0.1 -1.0 -4.3
7 8 B	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER  NER	2 2 2 2 1 1 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TALL 220kV CHUKHIA-BIR RECEIPT (from TALL 220kV CHUKHIA-BIR 132kV-GEYLEGPHL 132kV-MALBASE - BIRPAR RECEIPT (from TALL 234kV-TANARPHR 132kV-TANARPHR 132kV-TANARPHR 400kV-MUZAFFARP	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 0 42 WR-SR  NGES  Max (MW) 165 225 84 16 -9 -54	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW) 153 212 55 5 -3 -41	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) -1.3 -0.1
7 8 B	400 kV 220 kV 220 kV 220 kV 220 kV BHUTAN	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHI HEP- 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV - GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR( MAHENDRANAGAR 400kV-MUZAFFARP DC	1324   606   882   0   1   1   1   1   1   1   1   1   1	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.2  Min (MW)  0 202  0 -4 5	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41 -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) 3.7 -1.1 -0.1 -1.0 -4.3
7 8 B	400 kV 220 kV 220 kV 220 kV 220 kV BHUTAN	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHI HEP- 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV - GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR( MAHENDRANAGAR 400kV-MUZAFFARP DC	1324 606 606 882 0 1 1 0 NATIONAL EXCHA Name III-ALIPURDUAR 1&2 CEEPT (from 4*180MW) URI 12.4 (& 400KV IRI 12.4 (& 400KV	997 2372 1919 71 0 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54 -245	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41 -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.8 -51.8  Energy Exchange (MII) 3.7 -1.1 -0.1 -1.0 -4.3
7 8 B	400 kV 220 kV 220 kV 220 kV 220 kV BHUTAN	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER	2 2 2 2 2 1 INTER INTER LINE 400KV MANGDECHI LE ALIPURDUAR RE MANGDECHI HEP- 400KV TALA-BINAGI RECEIPT (from TAL- 20kV CHUKHA-BIR MALBASE - BINAGR MALBASE - BI	1324 606 606 882 0 1 1 0 NATIONAL EXCHA Name III-ALIPURDUAR 1&2 CEEPT (from 4*180MW) URI 12.4 (& 400KV IRI 12.4 (& 400KV	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.2  Min (MW)  0 202  0 -4 5	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41 -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) 3.7 -1.1 -0.1 -1.0 -4.3
8 B	400 kV 220 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  ER  ER  ER	2 2 2 2 2 1 INTER INTER LINE 400KV MANGDECHI LE ALIPURDUAR RE MANGDECHI HEP- 400KV TALA-BINAGI RECEIPT (from TAL- 20kV CHUKHA-BIR MALBASE - BINAGR MALBASE - BI	1324 606 882 0 1 0 NATIONAL EXCHA Name Un-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) RIT 1,2,4 (400KV) RIT 1,2,4 (400KV) RIT 1,2,4 (400KV) RIT 1,2,4 (400KV) ALIEP (6*120MW) PARA 1&2 (& 220KV) A) 1,6 BIRPAGURI ALIEP (6*120MW) I- SALAKATI ia NHI) - (PG) PUR - DHALKEBAR AL	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54 -245 72 -674	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41  -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) -0.1 -1.0 -4.3 -6.2 -11.3
8 B	400 kV 220 kV 220 kV 220 kV 220 kV BHUTAN	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL. 220kV CHUKHA-BIR RECEIPT (from TAL. 220kV CHUKHA-BIR AUGUSTAL 32kV-GEYLEGPHL 132kV-GEYLEGPHL 132kV-TANARPUR( MAHENDRANAGAR 400kV-MUZAFFARP DC 132kV-BIHAR - NEP. BHERAMARA HVDG	1324 606 882 0 1 1 0 NATIONAL EXCHA Name 11-ALIPIRDUAR 182 CEEPT (IRA) 4800 11-ALIPIRDUAR 182 CEEPT (IRA) 1801 1801 1801 1801 1801 1801 1801 180	997 2372 1919 71 0 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54 -245	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41 -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.8 -51.8  Energy Exchange (MII) 3.7 -1.1 -0.1 -1.0 -4.3
8 B	400 kV 220 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  ER  ER  ER	2 2 2 2 2 1 1 INTER LINE LINE 400KY MANGDECHI LE, ALIPURDUAR RE MANGDECHI LE, ALIPURDUAR RE MANGDECHI HEP, 400KY TALA, BINAGI MALBASE - BINAGI MALBASE - BIRAGI	1324 606 882 0 1 1 0 NATIONAL EXCHA Name 11- 11- 11- 11- 11- 11- 11- 11- 11- 11	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54 -245 72 -674	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41  -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) -0.1 -1.0 -4.3 -6.2 -11.3
8 B	400 kV 220 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  ER  ER  ER	2 2 2 2 2 1 INTER LINE HORY MANGBECH LE, ALIPURDUAR RE MANGBECHI HEP, 400KY MANGBECH LE, ALIPURDUAR RE MANGBECHI HEP, 400KY TALA, BINAGI BECEIPT (from TAL 200K) CHU KILA, BIR MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR( MAHENDRANAGAR 400KY-MUZAFFARF DC 132KV-BIHAR - NEP, BHERAMARA HVDG 132KV-SURAJMANI	1324 606 882 0 1 0 NATIONAL EXCHA Name Un-ALIPURDUAR 1&2 CELEPT (from 4*180MW) (MI) L. & BINAGURI ALIEP (6*10MW) PARA 1&2 (& 220kV A) L. & BINAGURI ALIEP (6*10MW) - SALAKATI  ia NNI) - (RG) - CUR - DHALKEBAR AL  C(BANGLADESH) NAGAR - DESH)-1 NAGAR -	997 2372 1919 71 0 42 WR-SR  NGES Max (MW) 165 225 84 16 -9 -54 -245 72 -674	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.1 16.8 18.5 0.0 0.0 0.0 0.0 0.0 0.0 59.0  Avg (MW)  153  212  55  -3  -41  -180	-13.1 -16.8 -18.5 -6.4 -0.0 -0.0 -0.8 -51.8  Energy Exchange (MII) -0.1 -1.0 -4.3 -6.2 -11.3