

## 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: 22<sup>nd</sup> Apr 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

- 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 21.04.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-अप्रैल-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 21<sup>st</sup> April 2021, is available at the NLDC website.

धन्यवाद,

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



Report for pro	evious day ply Position at All India and Regional level				Dat	e of Reporting:	22-A <sub>I</sub>	or-2021
A. I ower Sup	pry 1 ostaon at An India and Regional level	NR	WR	SR	ER	NER	TOTAL	1
Demand Met d	uring Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	46497	51527	44933	21335	2816	167108	1
Peak Shortage	(MW)	350	0	0	0	8	358	1
Energy Met (M	IU)	955	1316	1091	498	49	3910	1
Hydro Gen (M	U)	113	51	79	39	12	294	1
Wind Gen (MU	J)	9	60	43		-	112	
Solar Gen (MU	()*	49.16	35.90	103.87	5.09	0.21	194	
Energy Shortag	ge (MU)	6.40	0.00	0.00	0.11	0.08	6.59	
Maximum Dem	and Met During the Day (MW) (From NLDC SCADA)	47539	57816	51512	23409	3017	170796	
Time Of Maxin	num Demand Met (From NLDC SCADA)	19:38	14:55	14:41	00:01	19:15	11:51	
B. Frequency	Profile (%)							
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05	Ī
All India	0.048	0.00	1.37	8.62	9.99	72.89	17.13	
C. Power Sup	ply Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shorta
		day(MW)	Demand(MW)	(IVIU)	(MU)	(IVIU)	(14144)	(MU
	Punjab	5809	0	117.1	62.9	-1.5	153	0.00
	Harvana	6894	0	124.3	88.6	0.8	315	0.00

-		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)	(MU)	(MU)	(MU)	(NIW)	(MU)
	Punjab	5809	0	117.1	62.9	-1.5	153	0.00
	Haryana	6894	0	124.3	88.6	0.8	315	0.00
	Rajasthan	9951	0	205.6	60.6	-0.3	360	0.00
	Delhi	2980	0	64.2	48.4	-1.4	37	0.00
NR	UP	17394	0	328.3	99.3	-4.2	452	0.00
	Uttarakhand	1734	0	34.6	21.7	-1.5	75	0.00
	HP	1457	0	27.2	16.1	-0.8	114	0.00
	J&K(UT) & Ladakh(UT)	2543	350	51.3	39.6	0.2	484	6.40
	Chandigarh	148	0	2.8	3.2	-0.3	20	0.00
	Chhattisgarh	4173	0	99.2	43.8	-0.2	491	0.00
	Gujarat	17807	0	390.6	107.1	1.2	696	0.00
	MP	10912	0	229.5	127.6	-2.2	516	0.00
WR	Maharashtra	24228	0	542.6	191.0	-2.3	654	0.00
	Goa	558	0	12.2	12.0	-0.4	21	0.00
	DD	316	0	7.2	6.9	0.3	27	0.00
	DNH	781	0	18.2	18.3	-0.1	35	0.00
	AMNSIL	768	0	16.5	2.7	-0.2	341	0.00
	Andhra Pradesh	10332	0	208.3	100.0	0.1	778	0.00
	Telangana	10085	0	202.7	85.6	0.0	515	0.00
SR	Karnataka	11880	0	238.8	67.7	-0.4	599	0.00
	Kerala	3765	0	79.1	57.1	0.4	215	0.00
	Tamil Nadu	15852	0	353.2	226.9	3.7	858	0.00
	Puducherry	437	0	9.4	9.4	0.1	55	0.00
	Bihar	5435	0	115.8	101.2	4.9	460	0.00
	DVC	3189	0	68.4	-49.9	-1.1	135	0.00
	Jharkhand	1489	0	28.7	23.3	-3.1	167	0.11
ER	Odisha	5372	0	106.1	47.4	0.4	316	0.00
	West Bengal	9100	0	178.4	52.3	-3.2	174	0.00
	Sikkim	54	0	0.8	1.5	-0.7	7	0.00
	Arunachal Pradesh	127	3	2.1	2.4	-0.4	34	0.01
	Assam	1728	4	29.5	24.6	0.9	155	0.00
	Manipur	201	2	2.6	2.6	-0.1	21	0.01
NER	Meghalaya	341	0	5.8	3.7	0.0	167	0.00
	Mizoram	107	3	1.6	1.6	0.0	16	0.01
	Nagaland	139	4	2.2	2.2	0.0	13	0.01
	Trinura	293	2	5.4	4.5	0.9	86	0.04

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	6.1	-16.9	-21.5
Day Peak (MW)	557.0	-783.2	-1738.0

E. Import/Export by Regions (in MU) - Import(+ve)/Ex	xport(-ve); OD(+)/UD(-)					
	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	166,2	-274.9	175.4	-78.1	11.4	0.0
Actual(MU)	145.1	-292.5	200.9	-77.6	16.7	-7.4
O/D/U/D(MU)	-21.1	-17.6	25.5	0.5	5.3	-7.4

F. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3868	13898	7442	648	1310	27166	43
State Sector	12115	11106	8065	5195	11	36492	57
Total	15983	25004	15507	5843	1321	63658	100

1 Otal	15983	25004	15507	5843	1321	03058	100
G. Sourcewise generation (MU)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	547	1403	560	570	11	3091	77
Lignite	19	11	41	0	0	72	2
Hydro	113	51	79	39	12	294	7
Nuclear	31	11	42	0	0	85	2
Gas, Naptha & Diesel	38	49	10	0	14	111	3
RES (Wind, Solar, Biomass & Others)	82	96	177	5	0	360	9
Total	830	1622	910	615	38	4013	100
Share of RES in total generation (%)	9.84	5.93	19.49	0.82	0.56	8.98	_
Share of Non-fossil fuel (Hydro Nuclear and RES) in total generation(%)	27.18	9.75	32 84	7 17	32.72	18 41	

11. All fildia Deliand Diversity Factor	
Based on Regional Max Demands	1.073
Based on State Max Demands	1.103

Dissect on State Wist Definitions

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: 22-Apr-2021 |
| Export (MU) | NET (MU)

SI							Date of Reporting:	22-Apr-2021
	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Impo	rt/Export of ER (V		Tion of circuit	mus import (mm)	max Export (mm)	import (iiic)	Export (MC)	1121 (112)
1 1		ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2		PUSAULI B/B	-	ŏ	248	0.0	6.1	-6.1
3		GAYA-VARANASI	2	46	458	0.0	5.6	-5.6
5		SASARAM-FATEHPUR GAYA-BALIA	1 1	43	165 397	0.0	1.3	-1.3
6		PUSAULI-VARANASI	1	0	246	0.0	6.3 5.2	-6.3 -5.2
7		PUSAULI -ALLAHABAD	i	0	60	0.0	0.7	-0.7
8		MUZAFFARPUR-GORAKHPUR	2	241	352	0.0	1.9	-1.9
9	400 kV	PATNA-BALIA	4	0	780	0.0	12.0	-12.0
10		BIHARSHARIFF-BALIA	2	127	165	0.0	0.8	-0.8
11 12		MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	30 91	387 192	0.0	4.0 1.3	-4.0 -1.3
13		PUSAULI-SAHUPURI	1	19	115	0.0	1.3	-1.3
14		SONE NAGAR-RIHAND	î	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	1	20	0	0.3	0.0	0.3
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	0.0
Impo	rt/Export of ER (V	Vith WR)			ER-14K	0.3	46.4	-46.1
1		JHARSUGUDA-DHARAMJAIGARH	4	1884	0	32.4	0.0	32.4
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1180	175	12.1	0.0	12.1
3	765 kV	JHARSUGUDA-DURG	2	101	201	0.2	0.0	0.2
4	400 kV	JHARSUGUDA-RAIGARH	4	198	322	0.0	0.8	-0.8
5		RANCHI-SIPAT	2	279	120	2.2	0.0	2.2
6		BUDHIPADAR-RAIGARH	1	0	141	0.0	2.7	-2.7
7	220 kV	BUDHIPADAR-KORBA	2	165	0 ED WD	2.7	0.0	2.7
Imper	rt/Export of ER (V	Vith SR)			ER-WR	49.5	3.4	46.1
1		JEYPORE-GAZUWAKA B/B	2	0	523	0.0	11.3	-11.3
2		TALCHER-KOLAR BIPOLE	2	0	1984	0.0	48.0	-48.0
3	765 kV	ANGUL-SRIKAKULAM	2	Ö	3144	0.0	62.9	-62.9
4	400 kV	TALCHER-I/C	2	0	193	0.0	3.3	-3.3
5	220 kV	BALIMELA-UPPER-SILERRU	11	11	0 ED CD	0.0	0.0	0.0
Impe	rt/Export of ER (V	Vith NER)			ER-SR	0.0	122.2	-122.2
1mpoi		BINAGURI-BONGAIGAON	2	74	326	0.0	2.1	-2.1
2		ALIPURDUAR-BONGAIGAON	2	118	452	0.0	3.8	-2.1
3		ALIPURDUAR-SALAKATI	2	22	97	0.0	0.8	-0.8
			-		ER-NER	0.0	6.6	-6.6
Impo	rt/Export of NER			10-		10 -		10.5
1	HVDC	BISWANATH CHARIALI-AGRA	2	491	0 NER-NR	10.6	0.0	10.6
Impo	rt/Export of WR (	With NR)			NEX-NX	10.6	0.0	10.6
1		CHAMPA-KURUKSHETRA	2	0	0	0.0	23.9	-23.9
2		VINDHYACHAL B/B		167	105	2.7	1.0	1.7
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1922	0.0	38.0	-38.0
4		GWALIOR-AGRA	2	0	2386	0.0	40.2	-40.2
5		PHAGI-GWALIOR JABALPUR-ORAI	2 2	0 616	1744 795	0.0	30.3 23.9	-30.3 -23.9
7		GWALIOR-ORAI	1	807	0	14.4	0.0	14.4
8		SATNA-ORAI	i	0	1350	0.0	28.1	-28.1
9		CHITORGARH-BANASKANTHA	2	1373	0	19.4	0.0	19.4
10	400 kV	ZERDA-KANKROLI	1	354	0	5.0	0.0	5.0
11		ZERDA -BHINMAL	1	504	3	6.5	0.0	6.5
12		VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2	966	0	21.0 0.4	0.0 3.5	21.0 -3.1
14		BHANPURA-RANPUR	1	169 22	324 64	0.0	0.7	-0.7
15		BHANPURA-MORAK	i	0	30	0.1	0.4	-0.3
16		MEHGAON-AURAIYA	1	125	35	0.6	0.1	0.6
17	220 kV	MALANPUR-AURAIYA	1	88	41	1.2	0.0	1.2
18		GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
19	132 kV	RAJGHAT-LALITPUR	2	0	0 WR-NR	0.0	0.0 190.2	0.0
Impo	rt/Export of WR (	With SR)			WK-NK	71.2	190.2	-118.9
1		BHADRAWATI B/B	-	0	1012	0.0	19.1	-19.1
2		RAIGARH-PUGALUR	1					
3				0	3007	0.0	43.4	-43.4
4		SOLAPUR-RAICHUR	2	0	2422	0.0 0.0	43.4 30.4	-43.4 -30.4
6		WARDHA-NIZAMABAD	2	0	2422 2506	0.0 0.0 0.0	43.4 30.4 43.7	-43.4 -30.4 -43.7
		WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2	0 0 700	2422 2506 69	0.0 0.0 0.0 8.2	43.4 30.4 43.7 0.0	-43.4 -30.4 -43.7 8.2
7	220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2	0	2422 2506 69 0	0.0 0.0 0.0 8.2 0.0	43.4 30.4 43.7 0.0 0.0	-43.4 -30.4 -43.7 8.2 0.0
	220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	0 0 700 0	2422 2506 69 0 0	0.0 0.0 0.0 8.2	43.4 30.4 43.7 0.0	-43.4 -30.4 -43.7 8.2
	220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2	0 0 700 0	2422 2506 69 0	0.0 0.0 0.0 8.2 0.0 0.0	43.4 30.4 43.7 0.0 0.0	-43.4 -30.4 -43.7 8.2 0.0
	220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1	0 0 700 0	2422 2506 69 0 0 111 WR-SR	0.0 0.0 0.0 8.2 0.0 0.0	43.4 30.4 43.7 0.0 0.0 0.0	-43.4 -30.4 -43.7 8.2 0.0 0.0 1.9 -126.5
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1	0 0 700 0 0 0	2422 2506 69 0 0 1111 WR-SR	0.0 0.0 0.0 8.2 0.0 0.0 1.9	43.4 30.4 43.7 0.0 0.0 0.0 136.7	-43.4 -30.4 -43.7 8.2 0.0 0.0 1.9
	220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1 1 INTER	0 0 700 0 0 0 NATIONAL EXCHA!	2422 2506 69 0 0 111 WR-SR	0.0 0.0 0.0 8.2 0.0 0.0	43.4 30.4 43.7 0.0 0.0 0.0	-43.4 -30.4 -43.7 8.2 0.0 0.0 1.9 -126.5
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 0 1111 WR-SR NGES	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5 Energy Exchange (MII)
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 INTER Line 400kV MANGECHH i.e. ALIPURDUAR RE	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 0 1111 WR-SR	0.0 0.0 0.0 8.2 0.0 0.0 1.9	43.4 30.4 43.7 0.0 0.0 0.0 136.7	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH	0 0 700 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 1880MW)	2422 2506 69 0 0 1111 WR-SR NGES	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5 Energy Exchange (MII)
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURJAR RE MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 0 1111 WR-SR NGES	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5 Energy Exchange (MII)
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400kY MANGDECHH Le. ALIPURDUAR RE- MANGDECHU HEP 4 400kY TALA-BINAGU MALBASE - BINAGU MEEGEIPT (from TALA	0 0 700 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from **180MW) RI 1,2,4 (& 400kV R) i.e. BINAGURI	2422 2596 69 0 1111 WR-SR NGES Max (MW)	0.0 0.0 9.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW)	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5 Energy Exchange (MII)
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region 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 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 0 WR-SR WGES Max (MW)	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW)	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5 Energy Exchange (MII) -3.1
	220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEF 4 400KV TALA-BINAGG MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR.	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2596 69 0 1111 WR-SR NGES Max (MW)	0.0 0.0 9.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW)	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5 Energy Exchange (MII)
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	2 2 2 1 1 INTER Line 400KV MANGDECHH tie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR. RECEIPT (from TALA	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 111 WR-SR NGES Max (MW) 199 255	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEF 4 400KV TALA-BINAGG MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR.	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 0 WR-SR WGES Max (MW)	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW)	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5 Energy Exchange (MII) -3.1
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	2 2 2 1 1 INTER Line 400KV MANGDECHH tie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR. RECEIPT (from TALA	0 0 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2422 2506 69 0 111 WR-SR NGES Max (MW) 199 255	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 1 1 INTER Line 400KV MANGDECHH tie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR. RECEIPT (from TALA	0 0 700 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2.4 (& 400kV RI 1,2.4 (& 400kV R) 4.6 BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) -SALAKATI	2422 2506 69 0 111 WR-SR NGES Max (MW) 199 255	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 106	43.4 30.4 43.7 0.0 0.0 0.0 136.7 Avg (MW) 130 114	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	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 0 700 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2.4 (& 400kV RI 1,2.4 (& 400kV R) 4.6 BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) -SALAKATI	2422 2506 69 0 0 WR-SR NGES Max (MW) 199 255 77	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2 Min (MW)	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI 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 0 700 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPAR KHA HEP 4*84MW) - SALAKATI	2422 2506 69 0 0 WR-SR  NGES Max (MW)  199  255  77  40	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 88	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130 114 8	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGU MALBASE - BINAGU ECCEIPT (From TALA 226KV GHUKHA-BIR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV Motanga-Rangi	0 0 700 0 0 0 0 0 0 NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,2,4 (& 400kV IRI 1,2,4 (& 400kV A) i.e. BINAGURI .HEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA (III AHEP 4*8-MW) - SALAKATI	2422 2506 69 0 0 WR-SR NGES Max (MW) 199 255 77	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 106	43.4 30.4 43.7 0.0 0.0 0.0 136.7 Avg (MW) 130 114	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-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 0 700 0 0 0 0 0 0 NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,2,4 (& 400kV IRI 1,2,4 (& 400kV A) i.e. BINAGURI .HEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA (III AHEP 4*8-MW) - SALAKATI	2422 2506 69 0 0 WR-SR  NGES Max (MW)  199  255  77  40	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 88	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130 114 8	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-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 - BIRAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(	0 0 700 0 0 0 0 0 0 NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,2,4 (& 400kV IRI 1,2,4 (& 400kV A) i.e. BINAGURI .HEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA (III AHEP 4*8-MW) - SALAKATI	2422 2506 69 0 0 WR-SR  NGES Max (MW)  199  255  77  40	0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 88	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7 Avg (MW) 130 114 8	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region 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 - BIRAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(	0 0 700 0 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) RI 1,2.4 (& 400kV RI 1,2.4 (& 400kV R) 1.6. BINAGURI HEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) -SALAKATI a iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	2422 2506 69 0 0 WR-SR WGES Max (MW) 199 255 77 40 -14	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 1 0	43.4 30.4 43.7 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchang (MII)
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-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 0 700 0 700 0 0 0 0 0 0 NATIONAL EXCHA! Name 1800 1800 1800 1800 1800 1800 1800 180	2422 2596 69 0 0 WR-SR NGES Max (MW) 199 255 77 40 -14 -81	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -69  -348	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchang (MII) -3.1 -2.7 -6.2 -6.5 -0.0 -1.7 -8.3
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region 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 - BIRAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-Motanga-Rangi 132kV-TANAKPUR(N MAHENDRANAGAR(	0 0 700 0 700 0 0 0 0 0 0 NATIONAL EXCHA! Name 1800 1800 1800 1800 1800 1800 1800 180	2422 2506 69 0 0 WR-SR WGES Max (MW) 199 255 77 40 -14	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 1 0	43.4 30.4 43.7 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchang (MII)
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-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 0 700 0 700 0 0 0 0 0 0 NATIONAL EXCHA! Name 1800 1800 1800 1800 1800 1800 1800 180	2422 2596 69 0 0 WR-SR NGES Max (MW) 199 255 77 40 -14 -81	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -69  -348	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchang (MII) -3.1 -2.7 -6.2 -6.5 -0.0 -1.7 -8.3
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-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 0 700 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400KV RI 1,24 (& 400KV RI 1,24 (& 400KV A) i.e. BIRAGURI HEP (6=170MW) -SALAKATI a HU -SALAKATI  a UR - DHALKEBAR DC	2422 2596 69 0 0 WR-SR NGES Max (MW) 199 255 77 40 -14 -81	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -69  -348	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchang (MII) -3.1 -2.7 -6.2 -6.5 -0.0 -1.7 -8.3
	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  ER  ER  ER	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 0 700 0 0 0 0 0 0 NATIONAL EXCHA! Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400KV RI 1,24 (& 400KV RI 1,24 (& 400KV A) i.e. BIRAGURI HEP (6=170MW) -SALAKATI a HU -SALAKATI  a UR - DHALKEBAR DC	2422 2506 69 0 0 WR-SR WGES Max (MW) 199 255 77 40 -14 -81 -352	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 106  8 1 0 -257	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2  -69  -348	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchang (MII) -3.1 -2.7 -0.2 -1.7 -8.3 -6.9
7 8	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-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 0 700 0 0 0 0 0 NATIONAL EXCHA! NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400kV IRI 1,24 (& 400kV IRI 1,24 (& 400kV A) i.e. BINAGURI SHEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA LEP 4*SAMW) -SALAKATI  a HI PG) UR - DHALKEBAR DC  ML (BANGLADESH)	2422 2506 69 0 0 WR-SR NGES Max (MW) 199 255 77 40 -14 -81 -352 -350	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 0 -257 -172	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2  -69  -348  -287  -751	-43.4 -43.7 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5 -0.0 -1.7 -8.3 -6.9 -18.0
7 8	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-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 0 700 0 0 0 0 0 NATIONAL EXCHA! NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400kV IRI 1,24 (& 400kV IRI 1,24 (& 400kV A) i.e. BINAGURI SHEP (6=170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA LEP 4*SAMW) -SALAKATI  a HI PG) UR - DHALKEBAR DC  ML (BANGLADESH)	2422 2506 69 0 0 WR-SR WGES Max (MW) 199 255 77 40 -14 -81 -352	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 106  8 1 0 -257	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2  -69  -348	-43.4 -30.4 -43.7 -8.2 -0.0 -0.0 -1.26.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5 -1.7 -8.3 -6.9
7 8	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  Region  ER  ER  NER  NER  NER  NER  NER  ER  E	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 0 700 0 0 0 0 0 NATIONAL EXCHA! NATIONAL EXCHA! NATIONAL EXCHA! NATIONAL EXCHA! NATIONAL EXCHA! NATIONAL EXCHA! U-ALIPURDUAR 1&2 E180MW) IRI 1,24 (& 400kV IRI 1,24 (& 400kV IRI 1,24 (& 400kV A) i.e. BINAGURI HEP (6+170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA LEP 4*84MW) - SALAKATI  a iiii - PG) UR - DHALKEBAR DC  ML (BANGLADESH) NAGAR - ESH)-1	2422 2506 69 0 0 WR-SR WGES Max (MW) 199 255 77 40 -14 -81 -352 -350 -866	0.0 0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 106  8 1 0 -257 -172 -514	43.4 30.4 43.7 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2  -69  -348  -287  -751	-43.4 -43.7 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchange (MII) -3.1 -2.7 -0.2 -0.5 -0.0 -1.7 -8.3 -6.9 -18.0
7 8	220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-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 0 700 0 0 0 0 0 0 0 NATIONAL EXCHA! NAME U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,2,4 (& 400KV IRI 1,2,4 (& 400KV A) Le. BINAGURI .HEP (% 170AIW) PARA 1&2 (& 220KV A) Le. BIRPARA U-ALIPURDUAR 1&2 LIBER (% 170AIW) - SALAKATI  a IHI - PG) UR - DHALKEBAR DC AL  (BANGLADESH)  NAGAR - ESSII - 1  VAGAR -	2422 2506 69 0 0 WR-SR NGES Max (MW) 199 255 77 40 -14 -81 -352 -350	0.0 0.0 0.0 0.0 8.2 0.0 0.0 1.9 10.2  Min (MW)  0 8 1 0 -257 -172	43.4 30.4 43.7 0.0 0.0 0.0 0.0 136.7  Avg (MW)  130  114  8  20  -2  -69  -348  -287  -751	-43.4 -43.7 -43.7 -8.2 -0.0 -0.0 -1.9 -126.5  Energy Exchang (MUI) -3.1 -2.7 -0.2 -0.5 -0.0 -1.7 -8.3 -6.9 -18.0