

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंटोलर ऑफ इंडिया लिमिटेड

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 21th August 2023

Τo,

- 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 20.08.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20-अगस्त-2023 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 20th August 2023, is available at the NLDC website.

धन्यवाद,

ग्रिड कंट्रलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Date of Reporting: 21-Aug-2023

Report for previous day

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	73577	55903	43797	25346	3206	201829
Peak Shortage (MW)	1292	0	0	377	35	1704
Energy Met (MU)	1715	1363	1103	579	65	4825
Hydro Gen (MU)	415	106	66	139	33	759
Wind Gen (MU)	9	138	178	-	-	325
Solar Gen (MU)*	104.05	30.41	119.13	2.33	0.96	257
Energy Shortage (MU)	17.37	0.49	0.02	2.16	1.73	21.77
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	75993	62310	52277	26896	3306	214773
Time Of Maximum Demand Met	14:20	09:49	11:57	22:29	18:46	11:56

B. Frequency Profile (%) Region All India FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05 0.029 0.00 0.39 4.35 4.74 82.64 12.61

C. Power Supply Position in States

. Tower Supply I		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day (MW)	maximum Demand (MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortage (MU)
	Punjab	14430	0	323.4	197.3	0.0	243	0.00
	Haryana	11332	0	246.6	186.6	-1.5	176	1.41
	Rajasthan	15462	0	325.2	134.5	-7.0	317	3.48
	Delhi	6745	0	132.8	114.7	-1.4	154	0.00
NR	UP	25888	240	548.1	268.8	1.8	747	12.18
	Uttarakhand	2111	0	46.5	19.9	0.8	189	0.07
	HP	1497	0	31.0	-4.2	-0.3	105	0.23
	J&K(UT) & Ladakh(UT)	2475	0	51.4	26.7	-1.1	188	0.00
	Chandigarh	324	0	6.6	6.7	-0.1	29	0.00
	Railways_NR ISTS	159	0	3.2	3.3	-0.1	42	0.00
	Chhattisgarh	4831	0	109.2	50.3	-1.8	188	0.00
	Gujarat	20547	0	426.8	174.5	0.0	1439	0.00
	MP	10878	0	235.8	107.1	-2.6	551	0.00
WR	Maharashtra	23620	0	518.9	188.6	-4.7	691	0.49
	Goa	579	0	12.0	11.6	0.0	80	0.00
	DNHDDPDCL	1275	0	29.5	29.5	0.0	44	0.00
	AMNSIL	831	0	18.6	7.2	-0.4	228	0.00
	BALCO	520	0	12.4	12.5	-0.1	3	0.00
	Andhra Pradesh	11040	0	225.3	72.5	0.8	575	0.00
	Telangana	10714	0	209.7	86.3	1.2	1101	0.00
SR	Karnataka	12775	0	236.3	74.4	-0.3	744	0.00
	Kerala	3846	0	76.7	59.7	1.9	271	0.00
	Tamil Nadu	15340	0	344.9	139.6	0.2	708	0.00
	Puducherry	434	10	9.6	8.4	0.5	103	0.02
	Bihar	7059	74	150.0	148.1	-3.6	531	1.29
	DVC	3188	0	73.9	-40.5	-0.6	231	0.00
	Jharkhand	1822	0	38.9	32.5	1.3	231	0.87
$\mathbf{E}\mathbf{R}$	Odisha	5043	0	115.2	38.6	-2.8	250	0.00
	West Bengal	9545	0	199.7	78.8	-2.1	185	0.00
	Sikkim	55	0	0.8	0.9	-0.1	8	0.00
	Railways_ER ISTS	22	0	0.1	0.2	0.0	13	0.00
	Arunachal Pradesh	163	0	2.8	2.5	-0.2	35	0.00
	Assam	2200	0	43.6	34.9	1.6	234	1.28
	Manipur	186	0	2.7	2.7	-0.1	15	0.00
NER	Meghalaya	303	25	5.6	0.8	-0.1	71	0.44
	Mizoram	105	0	1.9	1.5	-0.3	6	0.00
	Nagaland	160	0	3.0	2.7	-0.1	15	0.01
	Tripura	319	0	5.8	6.1	0.2	59	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	42.0	8.6	-24.7	-32.5
Day Peak (MW)	1939.3	429.0	-1074.0	-1424.0

E. Import/Export by Regions (in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	384.7	-326.1	76.5	-107.8	-6.4	20.9
Actual(MU)	366.8	-337.5	86.2	-113.3	-6.2	-4.0
O/D/LI/D(MLI)	-17 9	-11 4	9.7	-5.5	0.2	-24 9

F. Generation Outage(MW)

Tr Generalism Guenge (1.211)	2. Companies Companies										
	NR	WR	SR	ER	NER	TOTAL	% Share				
Central Sector	3668	12056	8418	4070	255	28466	49				
State Sector	6130	12149	7558	3280	157	29273	51				
Total	9798	24205	15976	7350	411	57739	100				

G. Sourcewise generation (Gross) (MU)

G. Both cewise generation (Gross) (Me)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	824	1495	598	616	17	3550	68
Lignite	26	8	41	0	0	76	1
Hydro	415	106	66	139	33	759	15
Nuclear	29	50	53	0	0	132	3
Gas, Naptha & Diesel	25	27	6	0	28	86	2
RES (Wind, Solar, Biomass & Others)	119	170	319	4	1	613	12
Total	1438	1857	1084	759	78	5217	100
Share of RES in total generation (%)	8.26	9.18	29.46	0.48	1.23	11.75	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	39.14	17.58	40.42	18.81	42.84	28.83	

H. All India Demand Diversity Factor

11. 111 India Belliana Biversity Tuetor							
Based on Regional Max Demands	1.027						
Based on State Max Demands	1.060						
•							

I. All India Peak Demand and shortage at Solar and Non-Solar Hour

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	214773	11:56	575
Non-Solar hr	203804	19:31	2353

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

**Note: All generation MU figures are gross
***Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)
Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours

 $[*] Source: RLDCs \ for \ solar \ connected \ to \ ISTS; SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 21-Aug-2023

The Control of Pick Vision The Control of		Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1			2	0	501	0.0	12.2	-12.2
1	2 HVDC	PUSAULI B/B		2	95	0.0	2.2	-2.2
1	5 765 kV	GAYA-BALIA		0	604	0.0	10.5	-10.5
			1					
10	8 400 kV	MUZAFFARPUR-GORAKHPUR			762		15.4	
10								
13								
14 20 20 20 20 20 20 20 2	12 400 kV	MOTIHARI-GORAKHPUR			413	0.0		-8.4
15 1.55 1.			2					
10 15 15 15 15 15 15 15	15 132 kV	NAGAR UNTARI-RIHAND	1	0	0		0.0	
18 18 18 18 18 18 18 18								
					0		0.0	
					ER-NR	0.6	86.4	-85.9
2 SALV SALVE BANDERSHAMMAN STATE 121 338 138 4.0 135 1				1507		21.0	0.0	21.0
1								
BOOK	3 765 kV	JHARSUGUDA-DURG				0.0		-0.9
## DESIGN BIS								
The Part The Part	6 220 kV	BUDHIPADAR-RAIGARH		0		0.0	2.7	-2.7
INDIFFEDENCE OF CREEK WITH SAME 1	7 220 kV	BUDHIPADAR-KORBA	2	60				
	Import/Export of FR ((With SR)			ER-WK	37.6	0.8	30.8
2 10 10 10 10 10 10 10		JEYPORE-GAZUWAKA B/B	2	0	390	0.0		-8.7
SOUTH TALICIPATE	2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1643	0.0	36.0	-36.0
S SANAY BALBELA APPRICAL PERSON 1 0 0 0 0 0 0 0 0 0								
			1		0	0.0	0.0	0.0
BOBAY BINAGEREON/CARECON 2 0 254 00 1.5 1.4	T	WALNED			ER-SR	0.0	79.0	-79.0
1			1 2	Δ	224	0.0	2.7	2.2
2 20 8 120 12 12 12 12 12 12 1								
INDICATE WINDING SENYAMPH (CHARALLAGERA 3 6 70 16.5					82	0.0	1.2	-1.2
HYDE BISTYLANDE 169 16	Inches Addition of the Control of th	(WALNE)			ER-NER	0.0	8.9	-8.9
Import September Septemb	1 HVDC	RISWANATH CHARIALI-AGRA	2	0	703	0.0	16.9	-16.9
Images Imag	11100	HAMALPAUKA		J J				
NYDEC VINDIACIBAL BID -					•			
HYPIC MINDRA-MORINDERCARM 2 0 78 0.0 342 342 342 346 762 76 76 76 76 76 76								
4 75 CMALIDRAGINA 2 0 2211 0.0 35.8 35.8								
0	4 765 kV	GWALIOR-AGRA			2313	0.0		-35.8
7. 76.54 V								
9	7 765 kV	GWALIOR-ORAI	1		0		0.0	
10		SATNA-ORAI	•					
1 499		VINDHYACHAL-VARANASI						
1 490 kV VNDIYACHIA, BRIAND 1 944 0 21.6 0.9 21.6 14 490 kV RAPF-SHUJAFIER 2 0 669 0.0 9.1 9.1 15 490 kV RAPF-SHUJAFIER 2 0 669 0.0 0.0 0.0 16 2.25 kV BRIANCIKA RANYTIR 1 0 0 0 0.0 0.0 17 220 kV BRIANCIKA RANYTIR 1 0 0 0 0.0 18 2.25 kV MAHCANANA RANYA 1 1.0 1.0 19 132 kV MAHCANANA RANYA 1 1.0 7.6 9 0.7 19 132 kV GWALJORS KAMAM MODIFUR 1 0 0 0 0.0 10 10 10 0 0 0 0.0 10 10 10 0 0 0 0.0 10 10 10 0 0 0 0 10 10	11 400 kV	ZERDA-KANKROLI	1	172	201	0.8		-0.8
14 400 kV RAPP-SIGLALPIRE								
16 2294	14 400 kV	RAPP-SHUJALPUR	_	0	690	0.0	9.1	-9.1
1 19 220 kV MILANGER MATAYA			1					
1324Y GWALIOR-SWAH ADDITOTUR			1					
1328			1					
Import/Export of WR (With SR)					-		0.00	
HVDC HADRAWATIEB			_	,				
NEPAL PER PER NEPAL PER PER NEPAL PER PER NEPAL PER PER								
3 765 kV WADDIA-REAGEUR 2 1471 2294 9.4 6.8 2.6			-			0.0		7.2
S 400 kV KOLHAPUR-KUIGG 2 1216 0 20.6 0.0 20.6					2004			
Color					2294	0.0 9.4	29.5 6.8	-29.5 2.6
7 220 kV PONDA-AMBEWADI		WARDHA-NIZAMABAD	2 2	1471 0	2294 2795	0.0 9.4 0.0	29.5 6.8 27.0	-29.5 2.6 -27.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	5 400 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	1471 0 1216	2294 2795 0	0.0 9.4 0.0 20.6	29.5 6.8 27.0 0.0	-29.5 2.6 -27.0 20.6
INTERNATIONAL EXCHANGES	5 400 kV 6 220 kV 7 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1	1471 0 1216 0	2294 2795 0 0	0.0 9.4 0.0 20.6 0.0	29.5 6.8 27.0 0.0 0.0 0.0	-29.5 2.6 -27.0 20.6 0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MII)	5 400 kV 6 220 kV 7 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1	1471 0 1216 0	2294 2795 0 0 0 115	0.0 9.4 0.0 20.6 0.0 0.0 2.2	29.5 6.8 27.0 0.0 0.0 0.0	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2
Max (MW) Min (MW) Avg (MW) MIII (MW) Avg (MW) Avg (MW) Avg (MW) MIII (MW) Avg (MW)	5 400 kV 6 220 kV 7 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	1471 0 1216 0 0	2294 2795 0 0 0 115	0.0 9.4 0.0 20.6 0.0 0.0 2.2	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3
FR	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 2 2 2 2 1 1 1	1471 0 1216 0 0 0	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve)
HEP 4*PROMATY ALA BINAGURI 1,2.4 (& 400kV	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 2 2 2 2 1 1 1 TERNATIONAL EXC	1471 0 1216 0 0 0 0	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange
BHUTAN ER MALBASE - BINAGURI) i.e. BINAGURI 1020 982 983 23,60 RECEIPT (from TAL A HEP e*/190M*) 132 72 95 2.28 PROPERTY (from TAL A HEP e*/190M*) 132 72 95 2.28 RER MALBASE - BIRPARA 1&2 (& 220kV NER 132kV GELEPHU-SALAKATI 29 21 25 0.60 NER 132kV MOTANGA-RANGIA 68 43 53 1.26 NER 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -22 0 11 0.26 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 TERNATIONAL EXC	1471 0 1216 0 0 0 0 CHANGES Name	2294 2795 0 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW)	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange
BHUTAN ER	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EXC Line 1 400kV MANGDECHIU-A ALIPURDUAR RECEIPT	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e.	2294 2795 0 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW)	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange
BHUTAN ER MALBASE - BIRPARA) i.e. BIRPARA RECEIPT 132 72 95 2.28 NER 132kV GELEPHU-SALAKATI 29 21 25 0.60	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EXC Line 1 400kV MANGDECHIU-A ALIPURDUAR RECEIPT	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e.	2294 2795 0 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW)	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange
NER 132kV GELEPHU-SALAKATI 29 21 25 0.60	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line ! 400kV MANGDECHHU-ALIPURDUAR RECEIPT HEP 4* 80MW. MALBASE - BINAGURI MALBASE - BINAGURI	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 1,2,4 (& 400kV) i.e. BINAGURI	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW)	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23
NER 132kV GELEPHU-SALAKATI 29 21 25 0.60 NER 132kV MOTANGA-RANGIA 68 43 53 1.26 NER 132kV MOTANGA-RANGIA 68 43 53 1.26 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -22 0 11 0.26 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 BANGLADESH ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 Gloaleted from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line 1 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU 1,2,4 (& 400kV 1,e. BINAGURI EP 6*170MW)	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW)	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MII) 14.23
NER 132kV MOTANGA-RANGIA 68 43 53 1.26	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BINAGURI MALBASE - BIRPARA) i.	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU 1,2,4 (& 400kV) i.e. BINAGURI EP 6*170MW) ARA 1&2 (& 220kV .e. BIRPARA RECEIPT	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BINAGURI MALBASE - BIRPARA) i.	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU 1,2,4 (& 400kV) i.e. BINAGURI EP 6*170MW) ARA 1&2 (& 220kV .e. BIRPARA RECEIPT	2294 2795 0 0 0 115 WR-SR	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW)	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-HEP 4*8	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW)	2294 2795 0 0 0 115 WR-SR Max (MW) 624	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-HEP 4*8	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW)	2294 2795 0 0 0 115 WR-SR Max (MW) 624	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-HEP 4*8 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. ' (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574 982	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-HEP 4*8 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. ' (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574 982	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-BIRPAI MALBASE - BIRPARA) i. 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 32.2 Min (MW) 574 982 72 21	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 451 226 346 8.30 ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-BIRPAI MALBASE - BIRPARA) i. 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 32.2 Min (MW) 574 982 72 21	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60
ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIRPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574 982 72 21 43	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26
ER BHERAMARA B/B HVDC (B'DESH) -923 -812 -895 -21.49 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIRPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22	0.0 9.4 0.0 20.6 0.0 0.0 2.2 32.2 Min (MW) 574 982 72 21 43	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-BIRPAI MALBASE - BIRPARA) i. 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22	0.0 9.4 0.0 20.6 0.0 0.0 22.2 32.2 Min (MW) 574 982 72 21 43 0	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53 11	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i. (from CHUKHA-BIRPAI MALBASE - BIRPARA) i. 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22	0.0 9.4 0.0 20.6 0.0 0.0 22.2 32.2 Min (MW) 574 982 72 21 43 0	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53 11	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26
BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIRPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) (I BIHAR)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0	0.0 9.4 0.0 20.6 0.0 0.0 22.2 32.2 Min (MW) 574 982 72 21 43 0	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 11 0 346	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26
BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1424 -1247 -1355 -32.53	5 400 kV 6 220 kV 7 220 kV 8 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIRPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) (I BIHAR)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0	0.0 9.4 0.0 20.6 0.0 0.0 22.2 32.2 Min (MW) 574 982 72 21 43 0	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 11 0 346	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26 0.26
	\$ 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIRPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) (I BIHAR)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0	0.0 9.4 0.0 20.6 0.0 0.0 22.2 32.2 Min (MW) 574 982 72 21 43 0	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 11 0 346	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26 0.26
NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -151 0 -135 -3.24	State Stat	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIPPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM 400kV DHALKEBAR-MU BHERAMARA B/B HVDG	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0 451	0.0 9.4 0.0 20.6 0.0 20.6 0.0 2.2 32.2 32.2 Min (MW) 574 982 72 21 43 0 0 226	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53 11 0 346 -895	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26 0.00 8.30
	State Stat	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H MALBASE - BIRPARA) i, (from CHUKHA-BIPPAI MALBASE - BIRPARA) i 132kV GELEPHU-SALAH 132kV GELEPHU-SALAH 132kV MOTANGA-RANG NEPAL IMPORT (FROM 400kV DHALKEBAR-MU BHERAMARA B/B HVDG	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0 451	0.0 9.4 0.0 20.6 0.0 20.6 0.0 2.2 32.2 32.2 Min (MW) 574 982 72 21 43 0 0 226	29.5 6.8 27.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53 11 0 346 -895	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26 0.00 8.30
	\$ 400 kV 6 220 kV 7 220 kV 8 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER ER ER IN IN IN IN IN IN IN IN IN I	2 2 2 2 1 1 1 TERNATIONAL EXC Line I 400kV MANGDECHHU-A ALIPURDUAR RECEIPT HEP 4*180MW, 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPAI MALBASE - BIRPARA) i, (from CHUKHA HEP 4*8 132kV GELEPHU-SALAH 132kV MOTANGA-RANG 132kV MOTANGA-RANG NEPAL IMPORT (FROM 400kV DHALKEBAR-MU BHERAMARA B/B HVDG 400kV GODDA_TPS-RAF	1471 0 1216 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 Le. (from MANGDECHU 1,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 4MW) KATI GIA AR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	2294 2795 0 0 0 115 WR-SR Max (MW) 624 1020 132 29 68 -22 0 451 -923	0.0 9.4 0.0 20.6 0.0 20.6 0.0 2.2 32.2 32.2 Min (MW) 574 982 72 21 43 0 0 226 -812	29.5 6.8 27.0 0.0 0.0 0.0 0.0 0.0 70.5 Import(Avg (MW) 593 983 95 25 53 11 0 346 -895	-29.5 2.6 -27.0 20.6 0.0 0.0 2.2 -38.3 +ve)/Export(-ve) Energy Exchange (MU) 14.23 23.60 2.28 0.60 1.26 0.26 0.00 8.30 -21.49

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 21-Aug-2023

Export From India (in MU)

idia (III MIC)								1
				STOA				
(ISGS/LTA/MTOA)		COLLECTIVE						
PPA	BILATERAL		IDAM			RTM		
	TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
21.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.53
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.61
	(ISGS/LTA/MTOA) PPA 0.00 0.08 21.53 0.00	(ISGS/LTA/MTOA) PPA BILATERAL TOTAL 0.00 0.08 0.00 21.53 0.00 0.00	(ISGS/LTA/MTOA) PPA BILATERAL TOTAL 1EX 0.00 0.00 0.00 0.08 0.00 0.00 21.53 0.00 0.00 0.00 0.00	CISGS/LTA/MTOA PPA BILATERAL TOTAL IEX PXIL	STOA COLLE	STOA COLLECTIVE	STOA COLLECTIVE RTM RT	STOA COLLECTIVE RTM RT

Import by India(in MII)

Import by Indi	a(m MU)									
			STOA							
	(ISGS/LTA/MTOA)		COLLECTIVE							
Country	PPA	BILATERAL		IDAM			RTM		TOTAL	
			TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	39.78	2.49	0.00	0.00	0.00	0.00	0.00	0.00	42.27	
Nepal	0.00	0.00	7.85	0.00	0.00	0.00	0.00	0.00	7.85	
Bangladesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Import	39.78	2.49	7.85	0.00	0.00	0.00	0.00	0.00	50.12	

Net from India	(in MU)						-ve :	: Export / +ve : I	mport
					STOA				
	(ISGS/LTA/MTOA)				COLLI	ECTIVE			
Country	PPA	BILATERAL		IDAM			RTM		TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	39.78	2.49	0.00	0.00	0.00	0.00	0.00	0.00	42.27
Nepal	-0.08	0.00	7.85	0.00	0.00	0.00	0.00	0.00	7.77
Bangladesh	-21.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.53
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	18.17	2.49	7.85	0.00	0.00	0.00	0.00	0.00	28.51