

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंट्रोलर 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 To,

दिनांक: 26th September 2023

- -

- 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 25.09.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-सितम्बर-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 25th September 2023, is available at the NLDC website.

धन्यवाद.

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



Report for previous day

A. Power Supply Position at All India and Regional level

Date of Reporting: 26-Sep-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	66778	56381	45772	24251	3057	196239
Peak Shortage (MW)	260	0	0	0	274	534
Energy Met (MU)	1395	1283	1087	525	61	4352
Hydro Gen (MU)	265	113	67	126	29	600
Wind Gen (MU)	14	46	115	-	-	176
Solar Gen (MU)*	132.07	50.24	104.33	2.58	1.20	290
Energy Shortage (MU)	3.12	0.00	0.00	0.14	0.75	4.01
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	67719	60524	51600	24290	3385	200912
Time Of Maximum Demand Met	19:38	18:48	10:33	19:13	18:02	19:14

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	0.023	0.00	0.00	3.89	3.89	87.40	8.71

C. Power Supply Position in States

Region	States	Max.Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU
	Punjab	9598	0	202.0	117.9	-0.8	220	0.00
	Haryana	9738	0	194.3	135.5	-1.5	175	0.00
	Rajasthan	12697	0	281.6	77.2	-2.6	304	0.00
	Delhi	5645	0	118.1	107.7	-2.0	122	0.00
NR	UP	24574	0	468.8	198.9	0.4	423	0.00
	Uttarakhand	2193	0	44.5	22.6	0.8	212	0.00
	HP	1740	0	33.8	12.6	-0.7	54	0.00
	J&K(UT) & Ladakh(UT)	2392	260	43.1	22.9	3.8	477	3.12
	Chandigarh	278	0	5.6	6.1	-0.5	0	0.00
	Railways_NR ISTS	164	0	3.2	3.5	-0.3	5	0.00
	Chhattisgarh	4322	0	98.6	47.0	-1.4	157	0.00
	Gujarat	18122	0	379.9	175.7	-0.8	1040	0.00
	MP	11751	0	249.4	117.7	-3.8	239	0.00
WR	Maharashtra	22852	0	480.5	203.3	-2.9	601	0.00
	Goa	669	0	13.1	13.0	-0.6	122	0.00
	DNHDDPDCL	1301	0	29.7	29.7	0.0	43	0.00
	AMNSIL	867	0	19.5	9.3	0.1	282	0.00
	BALCO	518	0	12.4	12.5	-0.1	5	0.00
	Andhra Pradesh	9496	0	208.8	102.0	-2.6	440	0.00
	Telangana	11753	0	220.5	100.9	-0.9	678	0.00
SR	Karnataka	12709	0	235.8	69.2	-0.2	523	0.00
	Kerala	4113	0	80.1	67.8	1.1	229	0.00
	Tamil Nadu	15965	0	331.6	146.6	-1.7	637	0.00
	Puducherry	456	0	10.2	9.5	0.0	52	0.00
	Bihar	6039	0	112.6	107.3	0.0	417	0.14
	DVC	3374	0	75.2	-25.1	-0.3	199	0.00
	Jharkhand	1618	0	32.7	25.6	-1.5	126	0.00
ER	Odisha	5397	0	121.5	56.7	-2.2	316	0.00
	West Bengal	8600	0	181.9	66.1	-2.5	92	0.00
	Sikkim	94	0	1.3	1.4	-0.1	12	0.00
	Railways_ER ISTS	23	0	0.2	0.2	0.0	9	0.00
	Arunachal Pradesh	155	0	2.9	2.5	0.1	34	0.00
	Assam	2142	255	39.4	30.8	2.1	312	0.62
	Manipur	189	0	2.8	2.7	0.1	24	0.00
NER	Meghalaya	332	6	5.8	1.0	-0.2	47	0.13
	Mizoram	119	0	1.8	1.5	-0.6	17	0.00
	Nagaland	171	0	2.9	2.6	-0.1	27	0.00
	Tripura	333	0	5.6	5.5	0.1	50	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	34.8	14.6	-25.2	-28.7
Day Peak (MW)	1708.0	647.7	-1104.0	-1329.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	277.3	-232.7	112.3	-154.7	-2.3	0.0
Actual(MU)	259.0	-244.9	132.3	-154.7	0.7	-7.7
O/D/U/D(MU)	-18.3	-12.3	20.0	-0.1	3.0	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4739	11124	4968	910	505	22245	46
State Sector	4486	11536	5982	3550	219	25773	54
Total	9225	22660	10950	4460	724	48018	100

G. Sourcewise generation (Gross) (MU)

G. Both cewise generation (G10ss) (WC)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	729	1331	592	614	12	3278	70
Lignite	29	13	39	0	0	82	2
Hydro	265	113	67	126	29	600	13
Nuclear	25	54	76	0	0	154	3
Gas, Naptha & Diesel	12	34	6	0	25	78	2
RES (Wind, Solar, Biomass & Others)	149	100	250	5	1	505	11
Total	1209	1645	1031	745	68	4697	100
							1
Share of RES in total generation (%)	12.35	6.07	24.28	0.66	1.77	10.76	
Share of Non-fossil fuel (Hydro,Nuclear and RES)	36.29	16.21	38.17	17.53	44.37	26.81	
in total generation(%)	/			,,,,			

H.	All	India	Demand	l Diversity	Factor
9	_	_		,	

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.032
Based on State Max Demands	1.057

I. All India Peak	Demand	and	shortage	at Solar	and l	Non-Solar Hour
	3.7	1	- 117	1/3 / ***		

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	192308	12:26	260
Non-Solar hr	200912	19:14	665

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: 26-Sep-2023

No. No. No. Double No. Double No. Double	THE COLOR OF COLOR	Sl No							Date of Reporting:	26-Sep-2023
The Content of the		1	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
		•								
1	1				_					
1	1	3	765 kV	GAYA-VARANASI			539	0.0	3.7	-3.7
1 10 10 10 10 10 10 10										
March Marc	1	6	400 kV	PUSAULI-VARANASI	•		118	0.0	1.8	-1.8
1	2				1					
10	10									
10	10	10	400 kV	NAUBATPUR-BALIA		0	578	0.0	9.2	-9.2
10	10									
15 15 15 15 15 15 15 15	15 STANCE MACHAELY CARRESTON 1									
15 15 15 15 15 15 15 15	10 10 10 10 10 10 10 10				1					
15 125	10 10 10 10 10 10 10 10				1					
Impurt Expert of ER (Will WE) 1	INCOMESSAGE 1968 1973 1975	17	132 kV	KARMANASA-SAHUPURI	•	0	0	0.0	0.0	0.0
		18	132 kV	KARMANASA-CHANDAULI	1	0				
1 SASTA MINANCELE MERICANA MANAGEMEN 4 777 490 54 64 52 54 54 54 54 54 54 5	1	Import/	/Export of ER (V	With WR)			ER-NK	0.5	93.4	-92.9
1	3 SA STA TRANSCRIANCE 2 D 780 0.2 6.0 4.0	1	765 kV	JHARSUGUDA-DHARAMJAIGARH						
MINISTREMENTAL MARCHES	MINOR MINOR MARKAGEMEN									
Part	DIANY RESPERANCE 1 2 17 62 17 62 13 13 13 13 13 13 13 1									
Total Scott Scot	Table									
INDIPATOPS THE NUMBER 10	IMPORT SAPET SAP									
			220 R V	BUDINI ADAK-KOKBA		122				
PART PACHER PACH PART PACHER PACH PAC	1 10 10 10 10 10 10 10	Import/					•		•	
1	1									
	1									
Import Expert of ER (With NER) Fig.	Image: I	4	400 kV	TALCHER-I/C	2	0	1265	0.0	11.4	-11.4
Images Format Fo		5	220 kV	BALIMELA-UPPER-SILERRU	1	0				
BOAY BINACESTERONALIZATION 2 0 380 0 42 42 42 3 360 360 37 37 37 37 37 37 37 3		Import/	Export of ER (With NER)			EK-SK	0.0	90.9	-90.9
1	2	1	400 kV	BINAGURI-BONGAIGAON		0		0.0		-6.2
Import I	PROPER 1978		400 kV	ALIPURDUAR-BONGAIGAON		0	354	0.0	5.0	-5.0
BIDDY BI		3	220 kV	ALIPURDUAR-SALAKATI	2	0				
RIVER RISWASATH CHARMAL LOGIA 2 0 703 100 141 1-141	HURC BISWANATH CHARMAL 2 9 703 90 141 -141	Import/	Export of NED	(With NR)			EK-NEK	0.0	14.0	-12.8
Injunct Inju	NEAR 00 141 441	1			2	0	703	0.0	14.1	-14.1
	HYDE									
BYSEC VINDIACHALBER 	No. No.	_								
STATE	STOCK MININGAMORPHOREGABE 2 0 1447 69 230 -346									
Section Continue	S									
Posity Jabsperrorm 2	A									
7 78 1	7									
7.85 kV RAMSKANTHA-CHITOGRAFII 2 1519 99 13.78 0.0 13.9	76 15 15 15 15 15 15 15 1		765 kV				0		0.0	
10	10 765 V VINDIPACHAL-VARANSI 2 0 2654 0.8 46-1									
1 4994 ZERDA-KNIKROIT	11									
1 400 1 1 1 1 2 2 0 2.20 0 2.20 1 1 1 1 1 1 1 1 1	19 4-90 kV VINDITYACHAL-RITAND 1 9-92 0 22.0 0.0 22.0	11	400 kV	ZERDA-KANKROLI	1		32	2.7	0.1	2.6
14 600 kV RAPP-SHICALPER 2 3.09 448 6.0 1.5	18				1					
15 2294 381 381 387	15 220 kV BHANTERA-RAYPER									
17 2294 MHIRAONA-KIRAIYA	19 229 kV MIRICAONAURAITA				1					
18 229 kV MALANPIRA/IRA/IVA	18 2.0 W MALANTER-AIRITYA 1 88 0 1.0 0.0		220 KV					0.00		
1324	1324Y						0			
Import/Export of WR (With SR)	Import/Export of WR (With SR) 161.0 161.	17 18	220 kV 220 kV	MALANPUR-AURAIYA		88	0	1.0	0.0	1.0
Import Export of WR (With SR)	ImportExport of WR (With SR)	17 18 19	220 kV 220 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1	88 0	0	1.0 0.0	0.0	1.0 0.0
A	HYDE	17 18 19	220 kV 220 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1	88 0	0 0	1.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0
3 765 kV WARDENANTAMABAD 2 1220 882 10.1 2.2 7.9	3	17 18 19 20	220 kV 220 kV 132 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1	88 0	0 0	1.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0
1	1	17 18 19 20 Import/	220 kV 220 kV 132 kV 132 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	1 1 2	88 0 0	0 0 0 WR-NR	1.0 0.0 0.0 67.1	0.0 0.0 0.0 228.1	1.0 0.0 0.0 -161.0
Column	Column C	17 18 19 20 Import/ 1 2	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	1 1 2	88 0 0	0 0 0 WR-NR	1.0 0.0 0.0 67.1	0.0 0.0 0.0 228.1	1.0 0.0 0.0 -161.0 -12.0 -69.0
7 229 kV PONDA-AMBEWADI	1 0 0 0 0 0 0 0 0 0	17 18 19 20 Import/ 1 2 3 4	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC T65 kV 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 2 2 2 2 2 2	88 0 0 0	0 0 0 WR-NR 506 5009 882 2282	1.0 0.0 0.0 67.1 0.0 0.0 10.1	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9
NEPAL STATE STAT	No. No.	17 18 19 20 Import/ 1 2 3 4 5	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC HVDC 765 kV 400 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 2 2 2 2 2 2 2	88 0 0 0 1220 0 1460	0 0 0 WR-NR 506 5009 882 2282 0	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0
INTERNATIONAL EXCHANGES	NTERNATIONAL EXCHANGES	17 18 19 20 Import/ 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 2 2 2 2 2 2 2 2 2 2	88 0 0 0 1220 0 1460 0	0 0 0 WR-NR 506 5009 882 2282 0	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 2 2 2 2 2 2 2 2 2 2	88 0 0 0 1220 0 1460 0	0 0 0 WR-NR 506 5009 882 2282 0 0 0	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0
Region	State Region Line Name Max (MW) Min (MW) Avg (MW) (MU)	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 2 2 2 2 2 2 2 2 2 2	88 0 0 0 1220 0 1460 0	0 0 0 WR-NR 506 5009 882 2282 0 0 0	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0
BANGLADESH ER 400kV MANGDECHHU-ALIPURDUAR I 243 ic. ALIPURDUAR I 245 ic. ALIPURDUAR I 2	HORY MANGDECHHU-ALIPURDUAR 1243 lc. ALIPURDUAR 1246 400kV	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 2 2 1 1	88 0 0 0 1220 0 1460 0 0	0 0 0 WR-NR 506 5009 882 2282 0 0 0	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8
HEP 4*180MW)	HEP 4*180MW)	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 2 2 2 2 2 2 2 2 2 1 1	88 0 0 0 1220 0 1460 0 0 0	0 0 0 WR-NR 506 5009 882 2282 0 0 0 0 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve/Export(-ve) Energy Exchange
BHUTAN ER MALBASE BINAGURI 1.2,4 (& 400kV MALBASE BINAGURI 1030 969 973 23.34 ER MALBASE BINAGURI 1.2,6 (& 400kV MALBASE BINAGURI RECEIPT (from TALA HEP 6*1790MW) 220kV CHICKHA BIBPARA RECEIPT 72 26 48 1.14 NER MALBASE - BIRPARA) i.e. BIRPARA RECEIPT 72 26 48 1.14 NER 132kV GELEPHU-SALAKATI -31 -11 -22 -0.53 NER 132kV GELEPHU-SALAKATI -31 -11 -22 -0.53 NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BHUTAN ER MALBASE - BINAGURI 12,4 (& 400kV 1030 969 973 23,34 BHUTAN ER MALBASE - BINAGURI 18,40 (& 200kV 1030 1030 969 973 23,34 220kV CHIKHA BIRPARA 18,2 (& 220kV 120kV 1030 1	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1 1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC	88 0 0 0 1220 0 1460 0 0 0 0 CHANGES	0 0 0 WR-NR 506 5009 882 2282 0 0 0 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW)	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU)
BHUTAN ER	BHUTAN ER MALBASE - BINAGURI 1030 969 973 23,34	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	- 1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC	88 0 0 0 1220 0 1460 0 0 0 0 CHANGES	0 0 0 WR-NR 506 5009 882 2282 0 0 0 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW)	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU)
BHUTAN ER MALBASE- BIPRARA I & & 220kV CHUKHA-BIRPARA I & 220kV CHUKHA-BIRPA I & 220kV CHUKHA-BIRPARA I &	BHUTAN ER MALBASE - BIRPARA 1&2 (& 220kV MALBASE - BIRPARA 1&2 (& 220kV MALBASE - BIRPARA) & 1.14 NER 132kV GELEPHU-SALAKATI -31 -11 -22 -0.53 NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NRR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	88 0 0 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU	0 0 0 WR-NR 506 5009 882 2282 0 0 0 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW)	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU)
BHUTAN ER MALBASE - BIRPARA) i.e. BIRPARA FECEIPT 72 26 48 1.14 NER 132kV GELEPHU-SALAKATI -31 -11 -22 -0.53 NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NER 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BHUTAN ER MALBASE - BIRPARA 1.6. BIRPARA RECEIPT 72 26 48 1.14	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1	88 0 0 0 1220 0 11220 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 112.1 Import(Avg (MW)	1.0 0.0 0.0 1-161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18
NER	NER 132kV GELEPHU-SALAKATI -31 -11 -22 -0.53	17 18 19 20 Import/ 1 2 3 4 5 6 7	220 kV 220 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1	88 0 0 0 10 1220 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU [1,2,4 (& 400kV)] i.e. BINAGURI EP 6*170MW)	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 112.1 Import(Avg (MW)	1.0 0.0 0.0 1-161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18
NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1	88 0 0 0 1220 0 1220 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3 Min (MW)	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18
NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NER 132kV MOTANGA-RANGIA -63 -46 -55 -1.31 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -44 0 54 1.30 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP'I HEP 4*180MW) MAUBASE - BINAGURI MALBASE - BINAGURI RECEIPT (HVOM TALB IPA MALBASE - BIRPARA)	88 0 0 0 1220 0 11220 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1 & 2 (220kV 1.e. BIRPARA RECEIPT	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3 Min (MW)	0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 54 1.30 ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 54 1.30 ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGAI MALBASE - B	88 0 0 0 10 1220 0 1460 0 0 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU 11,2,4 (& 400kV 11,2,4 (& 400kV 1,2,4 (& 400kV 1,	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3 Min (MW) 379	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 54 1.30 ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 54 1.30 ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGAI MALB	88 0 0 0 10 1220 0 1460 0 0 0 1460 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU 11,2,4 (& 400kV 11,2,4 (& 400kV 1,2,4 (& 400kV 1,	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 2.1 37.3 Min (MW) 379	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	TERNATIONAL EXCEPTION TO THE PART OF THE P	88 0 0 0 10 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU (1,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 4MW) KATI	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADBAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	TERNATIONAL EXCEPTION TO THE PART OF THE P	88 0 0 0 10 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU (1,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 4MW) KATI	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) .946 .811 .916 .21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C .1329 .1100 .1195 .28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADDRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXO 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXO Line 400kV MANGDECHHU ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - B	88 0 0 0 10 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 573 462 555 13.33 ER BHERAMARA B/B HVDC (B'DESH) .946 .811 .916 .21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C .1329 .1100 .1195 .28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADDRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXO 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXO Line 400kV MANGDECHHU ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - B	88 0 0 0 10 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53
ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADDRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXO 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXO Line 400kV MANGDECHHU ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI MALBASE - B	88 0 0 0 10 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11	0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53
ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	TERNATIONAL EXO 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXO Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA); (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG	88 0 0 0 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 44MW) KATI GIA	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46	0.0 0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31
ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH ER BHERAMARA B/B HVDC (B'DESH) -946 -811 -916 -21.98 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	TERNATIONAL EXO 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXO Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA); (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG	88 0 0 0 1220 0 1220 0 1460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 44MW) KATI GIA	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46	0.0 0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC 2 2 1 1 1 TERNATIONAL EXC 400kV MANGDECHHU ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) if (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG	88 0 0 0 1220 0 1220 0 1460 0 0 0 1460 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) I BIHAR)	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63	1.0 0.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46	0.0 0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54	1.0 0.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC 2 2 1 1 1 TERNATIONAL EXC 400kV MANGDECHHU ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) if (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG	88 0 0 0 1220 0 1220 0 1460 0 0 0 1460 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) I BIHAR)	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63	1.0 0.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46	0.0 0.0 0.0 0.0 0.0 228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55	1.0 0.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-KAHANPUK (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER ER		88 0 0 0 1220 0 1220 0 1460 0 0 0 1460 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU 11,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) 1 BIHAR)	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63 -44	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46 0	0.0 0.0 0.0 0.0 0.0 1228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54 0	1.0 0.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-KAHANPUK (B'DESH) D/C -1329 -1100 -1195 -28.69	BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -1329 -1100 -1195 -28.69	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER ER		88 0 0 0 1220 0 1220 0 1460 0 0 0 1460 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU 11,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) 1 BIHAR)	0 0 0 WR-NR 506 5009 882 2282 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63 -44	1.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46 0	0.0 0.0 0.0 0.0 0.0 1228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54 0	1.0 0.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00
		17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADDRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER ER ER		88 0 0 0 10 1220 0 11220 0 11460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU 11,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	0 0 0 0 WR-NR 506 5009 882 2282 0 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63 -44 0 0 573 -946	1.0 0.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46 0 0 462	0.0 0.0 0.0 0.0 0.0 1228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54 0 555 -916	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00 13.33 -21.98
NER 132kV COMILLA-SURAJMANI NAGAR 1 & 2 -158 0 -135 -3,24	NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -158 0 -135 -3.24	17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER		88 0 0 0 10 1220 0 11220 0 11460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU 11,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	0 0 0 0 WR-NR 506 5009 882 2282 0 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63 -44 0 0 573 -946	1.0 0.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46 0 0 462	0.0 0.0 0.0 0.0 0.0 1228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54 0 555 -916	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00 13.33 -21.98
		17 18 19 20 Import/ 1 2 3 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV /Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER ER ER ER ER		88 0 0 0 10 1220 0 11220 0 11460 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. r (from MANGDECHU 11,2,4 (& 400kV 0) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 14MW) KATI GIA CAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	0 0 0 0 WR-NR 506 5009 882 2282 0 0 0 0 115 WR-SR Max (MW) 620 1030 72 -31 -63 -44 0 0 573 -946	1.0 0.0 0.0 0.0 67.1 0.0 0.0 10.1 0.0 25.0 0.0 0.0 2.1 37.3 Min (MW) 379 969 26 -11 -46 0 0 462	0.0 0.0 0.0 0.0 0.0 1228.1 12.0 69.0 2.2 28.9 0.0 0.0 0.0 112.1 Import(Avg (MW) 508 973 48 -22 -55 54 0 555 -916	1.0 0.0 0.0 -161.0 -12.0 -69.0 7.9 -28.9 25.0 0.0 0.0 2.1 -74.8 +ve)/Export(-ve) Energy Exchange (MU) 12.18 23.34 1.14 -0.53 -1.31 1.30 0.00 13.33 -21.98

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 26-Sep-2023

Export From India (in MU)

		STOA							
	(ISGS/LTA/MTOA) PPA		COLLECTIVE						
Country		BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nepal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Bangladesh	21.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.99
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	22.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.05

Import by India(in MU)

			STOA						
	(ISGS/LTA/MTOA) PPA		COLLECTIVE						
Country		BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	35.82	2.55	0.00	0.00	0.00	0.00	0.00	0.00	38.37
Nepal	0.00	2.63	11.44	0.00	0.00	0.00	0.00	0.00	14.07
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	35.82	5.18	11.44	0.00	0.00	0.00	0.00	0.00	52.44

Net from India(in MU) -ve : Export / +ve : Import

Tict II om India	(111 1110)						,,,,	Export / Ive . II	nport	
			STOA							
	(ISGS/LTA/MTOA)	COLLECTIVE								
Country PPA		BILATERAL	IDAM			RTM			TOTAL	
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	35.82	2.55	0.00	0.00	0.00	0.00	0.00	0.00	38.37	
Nepal	-0.06	2.63	11.44	0.00	0.00	0.00	0.00	0.00	14.01	
Bangladesh	-21.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.99	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Net	13.77	5.18	11.44	0.00	0.00	0.00	0.00	0.00	30.39	