

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, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 31st August 2023

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 30.08.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30th August 2023, is available at the NLDC website.

धन्यवाद.



Date of Reporting: 31-Aug-2023

Report for previous day

A. Power Supply Position at All India and Regional level

A. Fower Supply Fostuon at An initia and Regional level										
	NR	WR	SR	ER	NER	TOTAL				
Demand Met during Evening Peak hrs(MW) (at	71295	59337	45817	2((01	3002	206052				
20:00 hrs; from RLDCs)	/1295	39331	45017	26601	3002	200052				
Peak Shortage (MW)	170	30	2098	1151	559	4008				
Energy Met (MU)	1668	1497	1234	609	65	5073				
Hydro Gen (MU)	366	110	120	139	40	775				
Wind Gen (MU)	16	71	60	-	-	147				
Solar Gen (MU)*	138.01	58.30	115.37	5.90	1.51	319				
Energy Shortage (MU)	7.90	18.40	12.80	17.29	3.83	60.22				
Maximum Demand Met During the Day (MW)	74657	(0000	(2/70	2017/	2216	222200				
(From NLDC SCADA)	74657	68090	62678	28176	3216	233289				
Time Of Maximum Demand Met	11:26	11:35	11:16	23:24	18:25	11:40				

B. Frequency Profile (%)

Diffequency Frome (Diffequency from (70)										
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05				
All India	0.131	3.56	5.54	15.99	25.10	66.07	8.83				

C. Power Supply Position in States

	osition in States	Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(3.411)	Schedule	(MIII)	(3.4337)	Shortage (MU)
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(MW)	
	Punjab	13179	0	287.3	156.0	-0.9	145	0.00
	Haryana	11107	0	240.7	172.8	-1.1	174	3.59
	Rajasthan	15980	0	335.3	111.9	3.1	628	2.37
	Delhi	6352	0	130.7	112.2	-2.2	197	0.00
NR	UP	24849	0	534.5	223.1	-2.8	276	0.00
	Uttarakhand	2050	0	44.3	19.3	-0.3	147	0.33
	HP	1637	0	34.3	2.1	1.2	156	0.00
	J&K(UT) & Ladakh(UT)	2480	0	50.9	23.3	3.3	442	1.61
	Chandigarh	314	0	6.5	6.5	0.0	39	0.00
	Railways_NR ISTS	167	0	3.3	2.1	1.1	98	0.00
	Chhattisgarh	5677	93	132.0	67.5	0.2	334	1.22
	Gujarat	19320	0	431.4	163.6	1.8	818	0.00
	MP	13396	0	294.3	159.5	4.8	1021	0.00
WR	Maharashtra	27395	691	565.7	202.4	0.5	1039	17.09
	Goa	645	0	13.3	13.0	0.2	139	0.09
	DNHDDPDCL	1255	0	27.4	27.6	-0.2	42	0.00
	AMNSIL	912	0	20.5	10.0	0.3	285	0.00
	BALCO	518	0	12.4	12.4	0.0	5	0.00
	Andhra Pradesh	12377	0	240.4	94.9	6.3	1048	4.13
	Telangana	14428	0	273.4	120.8	2.7	749	0.00
SR	Karnataka	16932	0	278.3	108.8	7.4	1211	5.91
	Kerala	3902	0	80.3	54.7	0.8	235	0.00
	Tamil Nadu	16274	0	351.0	181.6	4.2	1474	2.76
	Puducherry	448	0	10.3	9.4	0.2	90	0.00
	Bihar	6881	346	146.6	141.5	-0.4	264	9.52
	DVC	3673	0	77.6	-38.7	-1.5	337	0.00
	Jharkhand	1748	0	37.3	30.6	1.8	289	7.31
ER	Odisha	5540	220	117.3	39.4	0.4	494	0.46
	West Bengal	10642	0	229.0	108.0	2.2	539	0.00
	Sikkim	86	0	1.3	1.1	0.2	28	0.00
	Railways_ER ISTS	18	0	0.1	0.2	0.0	0	0.00
	Arunachal Pradesh	168	0	3.1	2.6	0.0	36	0.00
	Assam	2026	414	43.0	32.8	3.2	315	3.33
	Manipur	202	0	2.8	2.7	0.1	44	0.00
NER	Meghalava	296	35	5.2	0.4	-0.3	43	0.50
	Mizoram	121	0	1.9	1.4	-0.8	7	0.00
	Nagaland	170	0	3.1	2.8	0.1	10	0.00
	Tripura	334	0	6.3	6.2	0.2	52	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	40.4	10.0	-24.9	-30.3
Day Peak (MW)	1816.0	385.0	-1101.0	-1429.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	260.4	-282.3	160.2	-124.6	-13.7	0.0
Actual(MU)	221.8	-284.0	190.9	-117.6	-11.5	-0.3
O/D/U/D(MU)	-38.6	-1.7	30.7	7.0	2.2	-0.3

15.60

F. Generation Outage(MW)

TV Generalized Guenge (11711)	2. Otherwood Outube(12.17)										
	NR	WR	SR	ER	NER	TOTAL	% Share				
Central Sector	2177	9979	5758	2100	315	20328	43				
State Sector	4645	11973	6338	3500	254	26709	57				
Total	6821	21952	12096	5600	568	47037	100				

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	914	1519	691	651	15	3790	70
Lignite	24	13	39	0	0	76	1
Hydro	366	110	120	139	40	775	14
Nuclear	26	53	51	0	0	131	2
Gas, Naptha & Diesel	48	71	6	0	28	153	3
RES (Wind, Solar, Biomass & Others)	123	133	215	8	2	480	9
Total	1501	1900	1122	798	84	5406	100
Share of RES in total generation (%)	8.20	6.98	19.14	1.00	1.79	8.88]
Share of Non-fossil fuel (Hydro,Nuclear and RES)	34.32	15.60	34.40	18.44	49.02	25.64	1

34.40

H. All Indi	a Demand	Diversity	Factor

in total generation(%)

11. 7111 India Demana Diversity I actor						
Based on Regional Max Demands	1.015					
Based on State Max Demands	1.043					

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

18.44

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	233289	11:40	811
Non-Solar hr	208883	22:29	4214

49.02

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

34.32

25.64

^{**}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: 31-Aug-2023

No. Varied Cont. Lan Pouls Sept. Of Cont. Name Improf (No. 1) Sept. Sept							Date of Reporting:	31-Aug-2023
The Control of Contr	Sl No Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
							100	
1								
1	3 765 kV	GAYA-VARANASI			171		0.0	1.1
1								
1 10 10 10 10 10 10 10			-					
1	7 400 kV	PUSAULI -ALLAHABAD						
10								
10 March 10	10 400 kV	NAUBATPUR-BALIA		0	478		9.4	-9.4
10								
15 150								
10 10 10 10 10 10 10 10	14 220 kV	SAHUPURI-KARAMNASA					1.7	-1.7
10 10 10 10 10 10 10 10								
B			<u> </u>					
Impure For With With			1	0	0	0.0		0.0
	T 177 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				ER-NR	1.7	75.8	-74.2
Service Serv			1	1592	ο Ι	20.0	1 00 1	20.0
MINOUS M							0.0	
BORNAL RANGEMENT 2 215 350 14 40 50 14								
DESILY DISSIPLY DESIREMAN ACADMAN 1 0 260								
Import Tagent of ER (Wills NE)								
	7 220 kV	BUDHIPADAR-KORBA	2	36				
	T 4/E 4 . CED /	nya cn)			ER-WR	36.4	13.4	23.0
STACK PARTICIPATION PART			2	Δ.	545	0.0	12.4	-12.4
Section Sect	2 HVDC	TALCHER-KOLAR BIPOLE	2		1989	0.0	45.1	-45.1
S 2024 BALMERA SPEED BLEERE 1 2 6 6 60 60 100.4	3 765 kV							-42.9
Import September Septem								
Imagent From Comparison		The state of the s	•					
2 0604Y MAPPERLABIONAGINATION 2 276 246 0.7 0.0 0.0 0.0					•			
1 20 20 20 20 20 20 20								
The								
Images Imag	2 220 KV	CADOMEDABAHI	. 4	, 33				
REVICE RESPONSATE CHARGEST 2 9 553 60 134 -134	Import/Export of NER							
Import/Export of WR (With NO)			2	0				
					NER-NR	0.0	13.4	-13.4
BITISC VINDITACHAL BID					2520	0.0	T 50.5	50.5
STATE								
1							12.8	
Postary Jarapheroral 2 0 766 0 176 1776								
7								
76 S W BANSKASTHA-CHITOGACRII 2 128 886 8.8 2.4 6.4								
10								
1 490 V ZERDA-RANGOLI								
1 490 EV NYDDIYACHAL-RIHAND 1 958 0 22.0 6.0 22.0 6.0 6.8	11 400 kV	ZERDA-KANKROLI		226	103	1.7	0.4	1.3
14 400 kV RAPS-RICHALPER 2 359 413 2.1 3.0 4.8			1					
S 2204V BIANFURA-RANFUR								
17 2294 MERCANALIRANA								
18 229 kV MALANPIR-AURAIVA 1 99 0 1.6 0.0 0.0 0.0	14 400 kV 15 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR		359 0	413	2.1	3.0 0.0	-0.8 0.0
1324 V WALFORSAWAINADHOPUR	14 400 kV 15 220 kV 16 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1	359 0 0	413 0 30	2.1 0.0 0.0	3.0 0.0 2.4	-0.8 0.0 -2.4
Import/Export of WR (With SR)	14 400 kV 15 220 kV 16 220 kV 17 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 1	359 0 0 131	413 0 30 0	2.1 0.0 0.0 2.3	3.0 0.0 2.4 0.0	-0.8 0.0 -2.4 2.3
ImportExport of WR (With SR)	14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1 1 1	359 0 0 131 99 0	413 0 30 0 0 0	2.1 0.0 0.0 2.3 1.6 0.0	3.0 0.0 2.4 0.0 0.0 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0
HVDC BHADRAWATER	14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1 1 1	359 0 0 131 99 0	413 0 30 0 0 0 0	2.1 0.0 0.0 2.3 1.6 0.0	3.0 0.0 2.4 0.0 0.0 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0
3 765 kV WARDANIZMAMBAD 2 0 1770 0.0 22.3 -22.3	14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 1 1	359 0 0 131 99 0	413 0 30 0 0 0 0	2.1 0.0 0.0 2.3 1.6 0.0	3.0 0.0 2.4 0.0 0.0 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0
1	14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	2 1 1 1 1 1	359 0 0 131 99 0	413 0 30 0 0 0 0 0 WR-NR	2.1 0.0 0.0 2.3 1.6 0.0 0.0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0
S	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2 1 1 1 1 1 1 2	359 0 0 131 99 0 0	413 0 30 0 0 0 0 0 WR-NR	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0
7 229 kV PONDA-AMBEWADI	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 1 1 1 1 1 1 2	359 0 0 131 99 0 0	413 0 30 0 0 0 0 WR-NR 1008 5010 1770	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3
S 220 KV XELDEM-AMBEWADI	14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 1 1 1 1 1 1 2 2	359 0 0 131 99 0 0 0	413 0 30 0 0 0 0 WR-NR 1008 5010 1770 2470 0	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 -20.6
State Region Line Name Max (MIW) Min (MW) Avg (MIW) Energy Exchange (MID Max (MIW) Min (MIW) Avg (MIW) Energy Exchange (MID MID MI	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2	359 0 0 131 99 0 0 0	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1	359 0 0 131 99 0 0 0 0 0 1146 0 0	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1	359 0 0 131 99 0 0 0 0 0 1146 0 0	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -1.37.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2
Max (MW) Min (MW) Avg (MW) MUN	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1	359 0 0 131 99 0 0 0 0 0 0 1146 0 0	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114	2.1 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5
ER	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-MIKODI PONDA-AMBEWADI IN	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1	359 0 0 131 99 0 0 0 0 0 0 1146 0 0	413 0 30 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve)
HEP 4*180MW)	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-MIKODI PONDA-AMBEWADI IN	2 1 1 1 1 1 1 2 2 2	359 0 0 131 99 0 0 0 0 0 1146 0 0 0 CHANGES	413 0 30 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -1.37.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange
BHUTAN ER MALBASE - BINAGURI 12,4 (& 400kV MALBASE - BINAGURI 1018 0 929 22.30	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXTERNATIONAL EXTERNAT	359 0 0 131 99 0 0 0 0 0 1146 0 0 0 CHANGES	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 22.8 Min (MW)	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW)	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -1.37.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU)
BHUTAN ER	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXTENSIONAL EX	359 0 0 131 131 99 0 0 0 0 10 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 22.8 Min (MW)	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW)	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU)
BHUTAN ER MALBASE- BIRPARA I & C & 220kV MALBASE- BIRPARA I & C & 220kV MALBASE- BIRPARA I & BIRPARA RECEIPT MALBASE- BIRPARA RECEIPT MALBASE MALBA	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP/ HEP 4*180MW) 400kV TALA-BINAGUR	359 0 0 131 131 99 0 0 0 0 0 10 1146 0 0 0 1146 0 0 1146 0 1 0 11,2,4 (& 400kV	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW)	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW)	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84
BHUTAN ER MALBASE - BIRPARA) i.e. BIRPARA RECEIPT 99 32 74 1.78 NER 132kV GELEPHU-SALAKATI 18	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHHU- ALIPURDUAR RECEIPHEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR	359 0 0 131 131 99 0 0 0 0 0 0 1146 0 0 0 1146 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW)	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW)	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84
NER 132kV GELEPHU-SALAKATI 18	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP' HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H	359 0 0 131 131 99 0 0 0 0 0 0 14146 0 0 0 1146 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (r (from MANGDECHU 11,2,4 (& 4000KU 1) i.e. BINAGURI IEP 6*170MW)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW)	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW)	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84
NER 132kV MOTANGA-RANGIA 56 38 49 1.18	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXCLUDE ALIPURDUAR RECEIPH HEP 4*180MW MANGUAR MANGUAR MANGUAR MALBASE - BINAGUR MALBASE - BIRPARA)	359 0 0 131 131 99 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 10 0 1146 10 0 1146 10 10 1146 10 10 1146 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 10 10 10 10 10 10 10 10 10 10	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.8 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84
NER 132kV MOTANGA-RANGIA 56 38 49 1.18	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXCLUDE ALIPURDUAR RECEIPH HEP 4*180MW MANGUAR MANGUAR MANGUAR MALBASE - BINAGUR MALBASE - BIRPARA)	359 0 0 131 131 99 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 10 0 1146 10 0 1146 10 10 1146 10 10 1146 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 1146 10 10 10 1146 10 10 10 1146 10 10 10 10 10 10 10 10 10 10 10 10 10	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.8 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1446 0 0 0 1446 0 0 0 0 1446 0 0 1546 0 1646 0 1746 0 18	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA 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 ER ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1446 0 0 0 1446 0 0 0 0 1446 0 0 1546 0 1646 0 1746 0 18	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 10 0 112,4 (& 400kV 1) i.e. BINAGURI EEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -1.37.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 10 0 112,4 (& 400kV 1) i.e. BINAGURI EEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.0 150.4 Import(Avg (MW) 618	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -1.37.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP' HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR MALBASE - BINAGUR MALBASE - BIRAGUR MALBASE - BURAGUR	359 0 0 131 131 99 0 0 0 0 0 0 0 0 1446 0 0 0 1446 0 0 0 0 1446 0 0 0 1548 0 0 1748 0 0 1848	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74	-0.8 0.0 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 449 129 403 9.66 ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP' HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR MALBASE - BINAGUR MALBASE - BIRAGUR MALBASE - BURAGUR	359 0 0 131 131 99 0 0 0 0 0 0 0 0 1446 0 0 0 1446 0 0 0 0 1446 0 0 0 1548 0 0 1748 0 0 1848	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74	-0.8 0.0 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30
ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP' HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR MALBASE - BINAGUR MALBASE - BIRAGUR MALBASE - BURAGUR	359 0 0 131 131 99 0 0 0 0 0 0 0 0 1446 0 0 0 1446 0 0 0 0 1446 0 0 0 1548 0 0 1748 0 0 1848	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74	-0.8 0.0 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30
ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI XELDEM-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 0 10 1124 0 10 1124 0 112,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18
ER BHERAMARA B/B HVDC (B'DESH) -937 -805 -895 -21.47 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI XELDEM-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 1146 0 10 1124 0 10 1124 0 112,4 (& 400kV 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU I 1,2,4 (& 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1429 -891 -1263 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU I 1,2,4 (& 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -1429 -891 -1265 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 0 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU I 1,2,4 & 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10 38	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00 9.66
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -1429 -891 -1265 -30.32	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 0 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU I 1,2,4 & 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 62.4 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10 38	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00
	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 999 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU I 1,2,4 (& 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) ### BIHAR GUZAFFARPUR 1&2 CC (B'DESH)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64 0	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10 38	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13 0 403	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00 9.66
NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -164 0 -141 -3.38	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER ER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 999 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU I 1,2,4 (& 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) ### BIHAR GUZAFFARPUR 1&2 CC (B'DESH)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64 0	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10 38	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13 0 403	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00 9.66
	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER ER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 999 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 1146 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU I 1,2,4 (& 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) ### BIHAR GUZAFFARPUR 1&2 CC (B'DESH)	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64 0	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 20.6 0.0 0.0 2.2 22.8 Min (MW) 446 0 32 -10 38	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13 0 403	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00 9.66
	14	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI SELDEM-AMBEWADI ER ER ER NER NER ER ER ER ER	2 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	359 0 0 131 131 99 0 0 0 0 0 0 0 0 0 0 0 0 1146 0 0 0 0 1146 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU I 1,2,4 & 400kV I) i.e. BINAGURI IEP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT 84MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 CC (B'DESH) HANPUR (B'DESH) D/C	413 0 30 0 0 0 0 0 WR-NR 1008 5010 1770 2470 0 0 67 114 WR-SR Max (MW) 745 1018 99 18 56 -64 0	2.1 0.0 0.0 0.0 2.3 1.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3.0 0.0 2.4 0.0 0.0 0.0 0.0 0.0 0.0 199.4 21.0 64.8 22.3 41.5 0.0 0.0 0.8 0.0 150.4 Import(Avg (MW) 618 929 74 13 49 13 0 403 -895	-0.8 0.0 -2.4 2.3 1.6 0.0 0.0 0.0 -137.0 -21.0 -64.8 -22.3 -41.5 20.6 0.0 -0.8 2.2 -127.5 +ve)/Export(-ve) Energy Exchange (MU) 14.84 22.30 1.78 0.30 1.18 0.32 0.00 9.66 -21.47

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 31-Aug-2023

Export From India (in MU)

			STOA								
	(ISGS/LTA/MTOA)				COLLE	ECTIVE					
Country	PPA	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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
Bangladesh	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.49		
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total Export	21.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.51		

Import by India(in MU)

import by mui									1
		STOA							
	(ISGS/LTA/MTOA) PPA	COLLECTIVE							
Country		BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	39.01	2.87	0.00	0.00	0.00	0.00	0.00	0.00	41.88
Nepal	0.00	0.00	9.46	0.00	0.00	0.00	0.00	0.00	9.46
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	39.01	2.87	9.46	0.00	0.00	0.00	0.00	0.00	51.34

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

Tree from mana(m 172)										
			STOA							
	(ISGS/LTA/MTOA)		COLLECTIVE							
Country	PPA	BILATERAL	IDAM			RTM			TOTAL	
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	39.01	2.87	0.00	0.00	0.00	0.00	0.00	0.00	41.88	
Nepal	-0.02	0.00	9.46	0.00	0.00	0.00	0.00	0.00	9.44	
Bangladesh	-21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.49	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Net	17.50	2.87	9.46	0.00	0.00	0.00	0.00	0.00	29.83	