

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

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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 17<sup>th</sup> October 2023

To,

- 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 16.10.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-अक्टूबर-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 16<sup>th</sup> October 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: 17-Oct-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	48483	64367	48032	24716	3171	188769
Peak Shortage (MW)	0	0	0	387	33	420
Energy Met (MU)	1141	1469	1205	545	55	4415
Hydro Gen (MU)	166	91	65	63	30	415
Wind Gen (MU)	32	52	31	-	-	115
Solar Gen (MU)*	84.54	57.26	99.91	5.43	1.22	248
Energy Shortage (MU)	1.24	0.00	0.00	2.15	0.26	3.65
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	52548	70769	59579	25186	3232	206826
Time Of Maximum Demand Met	00:14	15:09	10:23	19:09	18:00	11:47

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	0.135	4 00	1 11	3.80	0.80	67.89	22.22

C. Power Supply Position in States

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MII)	Schedule	(MII)	(MW)	Shortage (MU)
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(IVI VV)	
	Punjab	6697	0	128.3	39.1	-1.1	626	0.00
	Haryana	7676	0	155.1	103.7	-5.7	172	0.00
	Rajasthan	14374	0	277.8	86.3	-10.7	238	0.00
	Delhi	4511	0	95.0	73.5	-1.9	115	0.00
NR	UP	19429	0	366.9	148.4	-11.3	1269	0.00
	Uttarakhand	1889	0	32.4	21.4	-1.0	365	0.07
	HP	1813	0	30.1	17.6	-0.5	60	0.49
	J&K(UT) & Ladakh(UT)	2354	0	47.6	38.0	0.4	290	0.68
	Chandigarh	204	0	3.8	4.0	-0.3	31	0.00
	Railways_NR ISTS	183	0	3.6	3.6	0.0	19	0.00
	Chhattisgarh	5297	0	118.9	58.0	-1.3	236	0.00
	Gujarat	21125	0	389.6	161.8	-2.9	472	0.00
	MP	13638	0	283.9	179.8	-1.8	1118	0.00
WR	Maharashtra	28075	0	605.5	267.3	-2.0	1238	0.00
	Goa	657	0	14.0	13.2	0.4	62	0.00
	DNHDDPDCL	1297	0	29.4	29.6	-0.2	28	0.00
	AMNSIL	733	0	15.5	5.8	-0.1	262	0.00
	BALCO	523	0	12.4	12.5	-0.1	10	0.00
	Andhra Pradesh	12576	0	241.6	116.9	-1.4	823	0.00
	Telangana	14489	0	286.2	153.9	0.2	770	0.00
$\mathbf{SR}$	Karnataka	15016	0	266.2	103.5	0.2	883	0.00
	Kerala	4009	0	79.5	61.1	1.2	332	0.00
	Tamil Nadu	15557	0	321.7	209.7	-2.0	711	0.00
	Puducherry	435	0	9.8	9.6	-0.5	32	0.00
	Bihar	6347	0	129.2	116.5	2.4	776	0.22
	DVC	3434	0	72.0	-28.0	2.1	445	0.00
	Jharkhand	1562	0	32.7	25.1	-2.1	185	1.93
ER	Odisha	4901	0	112.6	30.8	-0.8	375	0.00
	West Bengal	9189	0	196.9	56.4	-1.7	203	0.00
	Sikkim	82	0	1.1	1.0	0.1	29	0.00
	Railways_ER ISTS	16	0	0.2	0.2	0.0	0	0.00
	Arunachal Pradesh	160	0	2.6	2.3	0.1	35	0.00
	Assam	2087	0	35.2	26.5	0.1	285	0.10
	Manipur	189	0	2.5	2.7	-0.2	21	0.00
NER	Meghalaya	318	0	5.4	3.0	-0.4	52	0.16
	Mizoram	120	0	1.9	0.9	-0.1	9	0.00
	Nagaland	149	0	2.4	2.4	-0.3	11	0.00
	Tripura	323	0	5.3	5.4	-0.2	21	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	17.7	14.4	-24.4	-12.4
Day Peak (MW)	870.0	553.0	-1073.0	-526.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	137.4	-220.1	209.7	-112.6	-14.5	0.0
Actual(MU)	120.7	-214.4	218.9	-115.4	-9.8	0.0
O/D/U/D(MU)	-16.8	5.6	9.2	-2.8	4.7	0.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3933	8844	4378	4381	205	21741	47
State Sector	6151	10140	5561	2380	129	24361	53
Total	10084	18984	9939	6761	334	46102	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	737	1497	713	673	15	3635	76
Lignite	22	10	49	0	0	81	2
Hydro	166	91	65	63	30	415	9
Nuclear	25	54	70	0	0	148	3
Gas, Naptha & Diesel	37	54	6	0	28	125	3
RES (Wind, Solar, Biomass & Others)	122	110	160	6	1	399	8
Total	1107	1815	1063	742	75	4802	100
							_
Share of RES in total generation (%)	10.97	6.05	15.01	0.87	1.63	8.30	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	28.18	14.04	27.73	9.35	41.48	20.03	

Non-Solar hr

Based on Regional Max Demands	1.021
D 1 C4 - 4 - M D 1 -	1 050

Based on Regional Max Demands	1.021
Based on State Max Demands	1.070

1. Ali India Peak	All India Peak Demand and Snortage at Solar and Non-Solar Hour								
	Max Demand Met(MW)	Time	Shortage(MW)						
Solar hr	206826	11:47	169						
Non-Solar hr	194912	18:25	208						

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

H. All India Demand Diversity Factor

<sup>\*\*</sup>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

 $<sup>*</sup>Source: RLDCs \ for \ solar \ connected \ to \ ISTS; \ SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$ 

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 17-Oct-2023

No.   Carlo   Carlo				•				Date of Reporting:	17-Oct-2023
	Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
	_								
1				_					
1	3	765 kV	GAYA-VARANASI		368	365	0.0	0.9	-0.9
	6	400 kV	PUSAULI-VARANASI	-	0	88	0.0	0.8	-0.8
1									
10	9	400 kV	PATNA-BALIA	2	0	390	0.0	5.8	-5.8
10									
10   20   20   20   20   20   20   20	12	400 kV	MOTIHARI-GORAKHPUR		132	297	0.0	2.8	-2.8
10   10   10   10   10   10   10   10				2					
1   12   12   12   12   12   12   12	15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.4	0.0	0.4
18   19   20   10   20   20   20   20   20   20				1					
				-		0	0.0	0.0	0.0
Part	T	4/E	XV:AL XX/D)			ER-NR	0.8	44.3	-43.5
2   STAY   NOTE PROPERTION AND AND ASSOCIATION   2   1.1	_			4	1545	0	18.9	0.0	18.9
BORNAL   BINESCENTAL MARCHAN   1   0   681   0   0   112   0   0   0   0   0   0   0   0   0		765 kV	NEW RANCHI-DHARAMJAIGARH		832		9.1		9.1
1									
SERVE   SIGNATURAN ROBBAN   2   91   66   52   97   74	5	400 kV				136	0.7	0.0	0.7
Impure   Transport   Transpo									
				_				21.7	
1	_					500	0.0	12.4	10.4
1									
S   2014   BADMELATPRESIDENCE   1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3	765 kV	ANGUL-SRIKAKULAM		0	3022	0.0	60.9	-60.9
The state   The				_					
BORNAL BROWGERSON   2   8   331   69   15   34									
2   08.04   International Conference   2   130   318   08   1.3					o	221	0.0	2 5	2 5
Same	2	400 kV	ALIPURDUAR-BONGAIGAON		133	318	0.0	1.3	
	3	220 kV	ALIPURDUAR-SALAKATI	2	33				
BINDARATH CHARMAL   2   0   058   50   165   -165	Import	t/Export of NED	(With NR)			ER-NER	0.0	5.0	-5.0
INTERNAL   STATE   S	1			2	0	695	0.0	16.5	-16.5
HYPE						NER-NR	0.0	16.5	
RYDEC   VINDINACIAL RES   .   0   44   50   13	_				F	0	0.0	0.0	0.0
#   76   \$   \$   \$   \$   \$   \$   \$   \$   \$	_								
TOTAL   CONTINUE			MUNDRA-MOHINDERGARH			1169			-29.0
76   76   17   17   17   18   18   18   18   18									
Page			JABALPUR-ORAI						
76   V									
11   400 kV   ZERDA-KANKOUL	9	765 kV	BANASKANTHA-CHITORGARH			142	13.4	0.0	13.3
13   469 LV   PERDA-BHINMAL									
18	12	400 kV	ZERDA -BHINMAL	1	629	65	5.2	0.0	5.2
18   2.90 kV   BHANTERA-HANPIER				•					
19   220 BV   MERICAONAUERATAY	15		BHANPURA-RANPUR	1					
18   220 kV   MALANURK-AURALYA   1   123   0   1.4   0.0									
1314	18	220 kV	MALANPUR-AURAIYA		123		1.4		1.4
MP-NR   52.7   133.4   80.6					-				
HVDC				•		WR-NR	52.7	133.4	-80.6
HVDC   RAGGARI-PUGALUR   2   0   3511   0.0   698   -698     10   765 kV   SOLAPERACHUR   2   2.690   1758   0.2   177.7   -17.6     14   765 kV   SOLAPERACHUR   2   2.00   1758   0.0   50.4   -50.4     15   400 kV   ROHAFURKUGGI   2   1452   0   2577   0.0   20.7     16   220 kV   ROHAFURKUGGI   2   1452   0   0   0.0   0.0   0.0     17   220 kV   ROHAFURKUGGI   2   0   0   0   0.0   0.0   0.0     18   270 kV   ROHAFURKUGGI   1   0   0   0   0.0   0.0   0.0     19   220 kV   ROHAFURKUGGI   1   0   0   0   0   0   0.0   0.0     19   220 kV   ROHAFURKUGGI   1   0   0   0   0   0   0   0     10   20 kV   ROHAFURKUGGI   1   0   0   0   0   0   0   0     10   20 kV   ROHAFURKUGGI   1   0   0   0   0   0   0   0     10   20 kV   ROHAFURKUGGI   1   0   0   0   0   0   0   0     10   20 kV   ROHAFURKUGGI   1   0   0   0   0   0   0     11   20 kV   ROHAFURKUGGI   1   0   0   0   0   0     12   20 kV   ROHAFURKUGGI   1   0   0   0   0   0     13   20 kV   ROHAFURKUGGI   1   0   0   0   0   0     14   20 kV   RAGGARIEVAGGI   1   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0   0     15   20 kV   RAGGARIEVAGGI   2   0   0   0   0   0   0   0   0   0	_			T		1006		10.5	10.7
1									
\$\begin{array}{c c c c c c c c c c c c c c c c c c c									
Column   C			KOLHAPUR-KUDGI					0.0	
No.   No.									
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchanges				1				0.0	
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchange (MU)						WR-SR	23.1	157.3	-134.2
State   Region			IN	TERNATIONAL EX	CHANGES			Import(	
BER   ALIPURDUAR RECEIPT (from MANOEDECHU   318   166   216   5.18		State	Region	Line	Name	Max (MW)	Min (MW)	Avg (MW)	
HEP 4 180MW    A 100K 7 13.4 BINAGURI 12,4 (& 400K									
BHUTAN   ER   MALBASE - BINAGURI L2,4 (& 400kV   MALBASE - BINAGURI L3,4 (& 200kV   MALBASE - BINAGURI L3,4 (& 200kV   MALBASE - BIRPARA RECEIPT   .242   10			ER		(from MANGDECHU	318	166	216	5.18
BHUTAN   ER				HEP 4* (XUNIW)					
BHUTAN ER	i			400kV TALA-BINAGURI					
NER   132kV GELEPHU-SALAKATI   12   0   5   0.13			ER	400kV TALA-BINAGURI MALBASE - BINAGURI	I) i.e. BINAGURI	544	410	544	13.75
NER   132kV GELEPHU-SALAKATI   12   0   5   0.13				400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV		·		
NER 132kV MOTANGA-RANGIA 54 34 44 1.05  NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -18 0 59 1.42  NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 571 403 539 12.94  ER BHERAMARA B/B HVDC (B'DESH) -921 -748 -882 -21.16  BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -526 -491 -518 -12.42		BHUTAN		400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT		·		
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 59 1.42  ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 571 403 539 12.94  ER BHERAMARA B/B HVDC (B'DESH) -921 -748 -882 -21.16  ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -526 -491 -518 -12.42		BHUTAN		400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV i.e. BIRPARA RECEIPT		·		
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 59 1.42  ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 571 403 539 12.94  ER BHERAMARA B/B HVDC (B'DESH) -921 -748 -882 -21.16  ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -526 -491 -518 -12.42		BHUTAN	ER	400kV TALA-BİNAGURI MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT !4MW)	-242	10	-99	-2.37
NEPAL         ER         NEPAL IMPORT (FROM BIHAR)         0         0         0         0.00           ER         400kV DHALKEBAR-MUZAFFARPUR 1&2         571         403         539         12.94           ER         BHERAMARA B/B HVDC (B'DESH)         -921         -748         -882         -21.16           BANGLADESH         ER (Isolated from Indian Grid)         400kV GODDA_TPS-RAHANPUR (B'DESH) D/C         -526         -491         -518         -12.42		BHUTAN	ER	400kV TALA-BİNAGURI MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT !4MW)	-242	10	-99	-2.37
NEPAL         ER         NEPAL IMPORT (FROM BIHAR)         0         0         0         0.00           ER         400kV DHALKEBAR-MUZAFFARPUR 1&2         571         403         539         12.94           ER         BHERAMARA B/B HVDC (B'DESH)         -921         -748         -882         -21.16           BANGLADESH         ER (Isolated from Indian Grid)         400kV GODDA_TPS-RAHANPUR (B'DESH) D/C         -526         -491         -518         -12.42		BHUTAN	ER NER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA	I) i.e. BINAGURI EP 6º170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW)	-242	0	-99 5	-2.37
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 571 403 539 12.94  ER BHERAMARA B/B HVDC (B'DESH) .921 .748 .882 -21.16  BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C .526 -491 .518 -12.42		BHUTAN	ER NER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA	I) i.e. BINAGURI EP 6º170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW)	-242	0	-99 5	-2.37 0.13
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 571 403 539 12.94  ER BHERAMARA B/B HVDC (B'DESH) .921 .748 .882 -21.16  BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C .526 -491 .518 -12.42		BHUTAN	ER NER NER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RANG	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI	-242 12 54	0 34	-99 5 44	-2.37 0.13 1.05
ER BHERAMARA B/B HVDC (B'DESH) -921 -748 -882 -21.16  BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -526 -491 -518 -12.42		BHUTAN	ER NER NER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RANG	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI	-242 12 54	0 34	-99 5 44	-2.37 0.13 1.05
ER BHERAMARA B/B HVDC (B'DESH) -921 -748 -882 -21.16  BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -526 -491 -518 -12.42			ER  NER  NER  NR	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA	-242 12 54 -18	10 0 34 0	-99 5 44 59	-2.37 0.13 1.05
BANGLADESH  ER (Isolated from Indian Grid)  400kV GODDA_TPS-RAHANPUR (B'DESH) D/C  -526  -491  -518  -12.42			ER  NER  NER  NR	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA	-242 12 54 -18	10 0 34 0	-99 5 44 59	-2.37 0.13 1.05
BANGLADESH  ER (Isolated from Indian Grid)  400kV GODDA_TPS-RAHANPUR (B'DESH) D/C  -526  -491  -518  -12.42			ER  NER  NER  NER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 44MW) KATI GIA AR-TANAKPUR(NHPC) I BIHAR)	-242 12 54 -18	10 0 34 0	-99 5 44 59	-2.37 0.13 1.05 1.42
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -526 -491 -518 -12.42			ER  NER  NER  NER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 44MW) KATI GIA AR-TANAKPUR(NHPC) I BIHAR)	-242 12 54 -18	10 0 34 0	-99 5 44 59	-2.37 0.13 1.05 1.42
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANFUR (B'DESH) D/C -526 -491 -518 -12.42			ER  NER  NER  NER  ER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM	I) i.e. BINAGURI EP 6*170MW) RA 1 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA EAR-TANAKPUR(NHPC) II BIHAR) UZAFFARPUR 1&2	-242 12 54 -18 0	10 0 34 0 0 403	-99 5 44 59 0	-2.37 0.13 1.05 1.42 0.00
			ER  NER  NER  NR  ER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM	I) i.e. BINAGURI EP 6*170MW) RA 1 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA EAR-TANAKPUR(NHPC) II BIHAR) UZAFFARPUR 1&2	-242 12 54 -18 0	10 0 34 0 0 403	-99 5 44 59 0	-2.37 0.13 1.05 1.42 0.00
NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -152 0 -136 -3.26	В	NEPAL	ER  NER  NER  NR  ER  ER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MU	I) i.e. BINAGURI EP 6*170MW) RA 182 2(& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA EAR-TANAKPUR(NHPC) II BIHAR) UZAFFARPUR 1&2 C (B'DESH)	-242 12 54 -18 0 571 -921	10 0 34 0 0 403	-99 5 44 59 0 539	-2.37 0.13 1.05 1.42 0.00 12.94 -21.16
	BA	NEPAL	ER  NER  NER  NR  ER  ER  ER	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MU	I) i.e. BINAGURI EP 6*170MW) RA 182 2(& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA EAR-TANAKPUR(NHPC) II BIHAR) UZAFFARPUR 1&2 C (B'DESH)	-242 12 54 -18 0 571 -921	10 0 34 0 0 403	-99 5 44 59 0 539	-2.37 0.13 1.05 1.42 0.00 12.94 -21.16
	BA	NEPAL	ER  NER  NER  NR  ER  ER  ER  ER  (Isolated from Indian Grid)	400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	I) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 14MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	-242 12 54 -18 0 571 -921	10 0 34 0 0 403 -748	-99 5 44 59 0 539 -882	-2.37 0.13 1.05 1.42 0.00 12.94 -21.16

## CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 17-Oct-2023

Export From India (in MU)

Export From II	T (III WIC)				TO CONTA				1		
			T-GNA								
	GNA				COLLI	ECTIVE					
Country	(ISGS/PPA)	BILATERAL		IDAM			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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Bangladesh	21.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.13		
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total Export	21.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.13		

Import by India(in MU)

**Total Net** 

-1.18

0.00

12.47

	T-GNA								T
	GNA (ISGA/PPA)	COLLECTIVE							-
Country		BILATERAL TOTAL	IDAM			RTM			TOTAL
			IEX	PXIL	HPX	IEX	PXIL	HPX	1
Bhutan	17.32	0.00	1.35	0.00	0.00	0.00	0.00	0.00	18.67
Nepal	2.63	0.00	11.12	0.00	0.00	0.97	0.00	0.00	14.72
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	19.95	0.00	12.47	0.00	0.00	0.97	0.00	0.00	33.39

Net from India(in MU) -ve : Export / +ve : Import T-GNA **GNA** COLLECTIVE (ISGS/PPA) IDAM TOTAL BILATERAL RTM Country TOTAL IEX PXIL HPX IEX PXIL HPX 17.32 0.00 1.35 0.000.000.00 0.000.00 18.67 Bhutan 2.63 0.00 11.12 0.00 0.00 0.97 0.00 0.0014.72 Nepal -21.13 Bangladesh 0.000.000.000.000.000.000.00-21.13 0.00 0.000.00 0.000.000.000.00 0.000.00Myanmar

0.00

0.00

0.97

0.00

0.00

12.26