

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 20th January 2024

To,

- 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 19.01.2024.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-जनवरी-2024 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 19th January 2024, 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: 20-Jan-2024

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	59232	61106	46594	21166	2604	190702
Peak Shortage (MW)	1672	266	0	627	143	2708
Energy Met (MU)	1321	1483	1171	454	48	4478
Hydro Gen (MU)	98	50	58	25	9	239
Wind Gen (MU)	11	65	35	-	-	111
Solar Gen (MU)*	112.39	62.11	106.03	2.07	1.02	284
Energy Shortage (MU)	22.00	3.51	0.00	3.93	1.54	30.98
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	68515	73828	58816	22132	2664	219640
Time Of Maximum Demand Met	12:40	10:55	11:59	19:06	18:20	11:56

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	0.043	0.00	0.56	7 36	7.92	74 74	17 35

C. Power Supply Position in States

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortage (MU)
		day (MW)	Demand (MW)	(MIU)	(MU)	(IVIU)	(IVI VV)	
	Punjab	9461	0	163.8	58.4	1.3	455	0.00
	Haryana	9042	350	163.8	93.1	2.0	431	7.46
	Rajasthan	17517	0	330.4	113.1	-0.2	290	7.41
	Delhi	5769	0	97.0	79.3	2.0	564	0.00
NR	UP	20565	0	410.3	131.1	-0.7	387	0.00
	Uttarakhand	2414	70	47.1	35.3	1.1	140	2.48
	HP	2076	0	36.9	30.2	1.8	248	0.87
	J&K(UT) & Ladakh(UT)	2917	267	63.1	56.9	1.7	335	3.78
	Chandigarh	323	0	5.5	4.8	0.8	100	0.00
	Railways_NR ISTS	169	0	3.4	3.4	0.0	38	0.00
	Chhattisgarh	5176	57	104.1	53.7	-1.2	419	0.28
	Gujarat	21616	0	417.3	155.6	-2.3	443	0.00
	MP	16828	31	318.0	188.3	-0.1	988	3.23
WR	Maharashtra	27597	0	570.3	172.1	4.3	764	0.00
	Goa	659	0	13.5	12.3	0.7	100	0.00
	DNHDDPDCL	1276	0	29.4	29.7	-0.3	25	0.00
	AMNSIL	833	0	18.3	6.6	0.1	256	0.00
	BALCO	520	0	12.4	12.5	-0.1	11	0.00
	Andhra Pradesh	11754	0	212.9	95.4	0.1	563	0.00
	Telangana	13647	0	257.5	131.5	-0.1	945	0.00
SR	Karnataka	15540	0	284.2	122.1	-3.2	541	0.00
	Kerala	4155	0	83.7	64.4	0.7	273	0.00
	Tamil Nadu	15601	0	324.4	185.6	0.8	1272	0.00
	Puducherry	388	0	8.4	8.3	-0.4	25	0.00
	Bihar	5341	0	103.9	90.6	1.6	272	0.75
	DVC	3385	0	72.3	-48.3	-0.6	239	0.00
	Jharkhand	1805	0	33.8	22.8	0.9	348	3.18
ER	Odisha	4826	0	95.9	10.6	-1.0	257	0.00
	West Bengal	6941	0	146.1	17.3	-1.7	232	0.00
	Sikkim	126	0	2.0	2.1	0.0	19	0.00
	Railways_ER ISTS	9	0	0.1	0.1	0.0	2	0.00
	Arunachal Pradesh	177	0	3.1	2.5	0.4	41	0.00
	Assam	1450	65	27.0	20.8	1.2	179	1.12
	Manipur	241	0	3.1	2.8	0.3	52	0.42
NER	Meghalaya	326	0	6.3	4.8	-0.1	40	0.00
	Mizoram	152	0	2.4	1.7	-0.1	11	0.00
	Nagaland	130	0	2.2	2.1	0.1	39	0.00
	Tripura	232	0	3.9	3.3	-0.2	26	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	-10.3	-9.1	-15.6	-30.0
Day Peak (MW)	-659.0	-477.7	-890.0	-1423.9

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

E. Import Export by Regions (in 110) - Import (+10)/Export (-10), OD(+)/OD(-)							
	NR	WR	SR	ER	NER	TOTAL	
Schedule(MU)	277.9	-259.6	156.0	-180.4	6.2	0.0	
Actual(MU)	283.9	-271.9	163.5	-188.8	7.3	-6.0	
O/D/IJ/D(MI)	6.0	12.2	7.5	Q 2	1.1	-6.0	

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	8657	10214	4158	4516	676	28220	54
State Sector	5031	10099	6388	2189	281	23987	46
Total	13688	20313	10546	6705	957	52208	100

G. Sourcewise generation (Gross) (MU)

G. Sourcewise generation (Gross) (MO)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	816	1595	716	688	11	3826	79
Lignite	31	24	60	0	0	115	2
Hydro	98	50	58	25	9	239	5
Nuclear	26	36	76	0	0	139	3
Gas, Naptha & Diesel	18	42	5	0	25	91	2
RES (Wind, Solar, Biomass & Others)	147	132	170	4	1	454	9
Total	1136	1879	1085	716	46	4863	100
Share of RES in total generation (%)	12.97	7.01	15.66	0.55	2.20	9.34	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	23.87	11.58	27.99	3.18	21.36	16.99	

H.	All	India	Demand	Diversity	Factor
D.		D	134	D	. 1

11. All fildia Deliand Diversity Factor	
Based on Regional Max Demands	1.028
Based on State Max Demands	1.051

I. All India Peak	Demand ar	nd shortage	at Solar and l	Non-Solar Hour
	ì	D 117	A CR STEEL	

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	219640	11:56	1884
Non-Solar hr	196777	18:44	3763

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 -> 07:00 to 17:00hrs 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: 20-Jan-2024

Sl No Import		T						
_	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
_	ort/Export of ER (With NR)			l.			
	HVDC	ALIPURDUAR-AGRA	2	0	351	0.0	1.3	-1.3
2	HVDC	PUSAULI B/B		0	49	0.0	1.3	-1.3
3	765 kV	GAYA-VARANASI	2	0	869	0.0	13.9	-13.9
5	765 kV 765 kV	SASARAM-FATEHPUR GAYA-BALIA	1	0	498 761	0.0	9.8 14.9	-9.8 -14.9
6	400 kV	PUSAULI-VARANASI	1	17	35	0.0	0.2	-0.2
7	400 kV	PUSAULI -ALLAHABAD	1	0	66	0.0	0.9	-0.9
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	0	606	0.0	9.5	-9.5
9	400 kV	PATNA-BALIA	2	0	614	0.0	12.8 13.0	-12.8
10 11	400 kV 400 kV	NAUBATPUR-BALIA BIHARSHARIFF-BALIA	2 2	0	665 322	0.0	6.0	-13.0 -6.0
12	400 kV	MOTIHARI-GORAKHPUR	2	0	516	0.0	10.0	-10.0
13	400 kV	BIHARSHARIFF-VARANASI	2	0	415	0.0	7.6	-7.6
14	220 kV	SAHUPURI-KARAMNASA	1	0	110	0.0	1.9	-1.9
15	132 kV	NAGAR UNTARI-RIHAND	1	0	0	0.1	0.0	0.1
16	132 kV	GARWAH-RIHAND	1	30	0	0.3	0.0	0.3
17 18	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
10	132 KV	RARWANASA-CHANDAULI		V	ER-NR	0.4	103.1	-102.7
Impo	ort/Export of ER (With WP)			ER-14K	0.7	105.1	-102.7
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	0	1365	0.0	18.5	-18.5
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	616	1126	0.0	10.8	-10.8
3	765 kV	JHARSUGUDA-DURG	2	0	868	0.0	17.2	-17.2
4	400 kV	JHARSUGUDA-RAIGARH	4	0	678	0.0	12.2	-12,2
5	400 kV 220 kV	RANCHI-SIPAT BUDHIPADAR-RAIGARH	2	110 3	370 154	0.0	4.9 2.0	-4.9 -2.0
7	220 kV	BUDHIPADAR-KORBA	2	37	159	0.0	1.6	-1.6
	220 K V	BUDIHI ADAR-KORDA	2	31	ER-WR	0.0	67.1	-67.1
Impo	ort/Export of ER (With SR)			ER-WR	0.0	07.1	-07.1
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	668	0.0	15.0	-15.0
2	HVDC	TALCHER-KOLAR BIPOLE	2	15	3	1.0	1.0	0.0
3	765 kV	ANGUL-SRIKAKULAM	2	0	2886	0.0	52.2	-52.2
4	400 kV	TALCHER-I/C	2	1919	0	43.4	0.0	43.4
_ 5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0 ED CD	0.0	0.0	0.0
	4/10	WA MED			ER-SR	1.0	68.2	-67.2
ımpoı	ort/Export of ER (90	40.5	A -	4.0	
1	400 kV	BINAGURI-BONGAIGAON	2	98	193	0.6	1.0	-0.4
3	400 kV 220 kV	ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	369 66	226 36	2.9	0.0	2.9
3	220 K V	JALM URDUAN-SALARAII	4	00	ER-NER	4.1	1.0	3.1
Imno	ort/Export of NER	(With NR)			EA-NEK	4.1	1.0	3.1
1111po	HVDC	(WITH NK) BISWANATH CHARIALI-AGRA	2	0	656	10.8	0.0	10.8
1	HADC	DESCRIPTION OF THE PROPERTY OF	4	U U	NER-NR	10.8	0.0	10.8
Impo	ort/Export of WR ((With NR)			14EV-14K	10.0	0.0	10.0
1mpo	HVDC	CHAMPA-KURUKSHETRA	2	0	3009	0.0	73.1	-73.1
2	HVDC	VINDHYACHAL B/B		178	100	4.4	0.0	4.4
3	HVDC	MUNDRA-MOHINDERGARH	2	0	978	0.0	18.3	-18.3
4	765 kV	GWALIOR-AGRA	2	0	2939	0.0	37.1	-37.1
5	765 kV	GWALIOR-PHAGI	2	0	1109	0.0	16.9	-16.9
6	765 kV	JABALPUR-ORAI	2	0	1255	0.0	29.5	-29.5
7	765 kV	GWALIOR-ORAI	1	893	0	13.7	0.0	13.7
8	765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	2	0 874	1144 1017	7.2	21.3 2.8	-21.3 4.4
10	765 kV	VINDHYACHAL-VARANASI	2	0	3213	0.0	43.6	-43.6
11	400 kV	ZERDA-KANKROLI	1	141	179	0.9	0.5	0.4
12	400 kV	ZERDA -BHINMAL	1	497	461	2.9	2.2	0.7
13	400 kV	VINDHYACHAL -RIHAND	1	981	0	22.4	0.0	22.4
14	400 kV	RAPP-SHUJALPUR	2	128	576	0.5	3.3	-2.9
15 16	220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK	1	164 0	97 30	1.2 0.0	0.2 1.3	1.0 -1.3
17	220 kV	MEHGAON-AURAIYA	1	83	14	1.0	0.0	1.0
18	220 kV	MALANPUR-AURAIYA	i	48	36	0.4	0.1	0.3
19	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
20	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
					WR-NR	54.5	250.1	-195.6
Impo	ort/Export of WR ((With SR)						
1	HVDC	BHADRAWATI B/B		0	609	0.0	14.4	-14.4
2	HVDC	RAIGARH-PUGALUR	2	0	4010	0.0	49.3	-49.3
3	765 kV	SOLAPUR-RAICHUR	2	658	2268	1.0	19.4	-18.3
5	765 kV 765 kV	WARDHA-NIZAMABAD WARORA-WARANGAL(NEW)	2 2	0		0.0		
6	400 kV	KOLHAPUR-KUDGI		Δ.	2756	0.0	39.3	-39.3
7	220 kV		2	0 1437	2756 2813 0	0.0 0.0 17.2		
		KOLHAPUR-CHIKODI	2 2	0 1437 0	2813	0.0	39.3 41.0 0.0 0.0	-39.3 -41.0
8	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI		1437 0 0	2813 0 0 0	0.0 17.2 0.0 0.0	39.3 41.0 0.0 0.0 0.0	-39.3 -41.0 17.2 0.0 0.0
9	220 kV 220 kV	KOLHAPUR-CHIKODI		1437 0	2813 0 0 0 0 109	0.0 17.2 0.0 0.0 2.0	39.3 41.0 0.0 0.0 0.0 0.0	-39.3 -41.0 17.2 0.0 0.0 2.0
		KOLHAPUR-CHIKODI PONDA-AMBEWADI		1437 0 0	2813 0 0 0	0.0 17.2 0.0 0.0	39.3 41.0 0.0 0.0 0.0	-39.3 -41.0 17.2 0.0 0.0
		KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI		1437 0 0 0	2813 0 0 0 0 109	0.0 17.2 0.0 0.0 2.0	39,3 41,0 0.0 0.0 0.0 0.0 163,4	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 TERNATIONAL EX	1437 0 0 0 0	2813 0 0 0 0 109 WR-SR	0.0 17.2 0.0 0.0 2.0 20.2	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(-39.3 -41.0 17.2 0.0 0.0 2.0
		KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 TERNATIONAL EXC	1437 0 0 0 0 CHANGES	2813 0 0 0 0 109	0.0 17.2 0.0 0.0 2.0	39,3 41,0 0.0 0.0 0.0 0.0 163,4	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve)
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 1 1 1 FERNATIONAL EX Line 400kV MANGDECHHU-	1437 0 0 0 0 CHANGES Name	2813 0 0 0 109 WR-SR	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39,3 41,0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU)
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 FERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI	1437 0 0 0 0 CHANGES Name	2813 0 0 0 0 109 WR-SR	0.0 17.2 0.0 0.0 2.0 20.2	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 1 1 1 TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP) HEP 4*180MW)	1437 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e.	2813 0 0 0 109 WR-SR	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39,3 41,0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU)
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 1 1 1 FERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGDECHU	2813 0 0 0 109 WR-SR	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39,3 41,0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU)
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN' Region ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPT HEP 4*180MW) 400kV TALA-BINAGURI	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. f (from MANGDECHU 11,2,4 (& 400kV 1) i.e. BINAGURI	2813 0 0 0 109 WR-SR Max (MW)	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI PROBLEM CONTROL OF THE CONTROL OF	1437 0 0 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	2813 0 0 0 109 WR-SR Max (MW) -253	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN' Region ER	2 1 1 1 IERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H Z20kV CHUKHA-BIRPA MALBASE - BIRPARA) i	1437 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 1.e. BIRPARA RECEIPT	2813 0 0 0 109 WR-SR Max (MW)	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIP'I HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI PROBLEM CONTROL OF THE CONTROL OF	1437 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 1.e. BIRPARA RECEIPT	2813 0 0 0 109 WR-SR Max (MW) -253	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXO Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI	1437 0 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 14MW)	2813 0 0 0 109 WR-SR Max (MW) -253 -279	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 1 1 1 IERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H Z20kV CHUKHA-BIRPA MALBASE - BIRPARA) i	1437 0 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 14MW)	2813 0 0 0 109 WR-SR Max (MW) -253	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW)	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW)	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXO Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI	1437 0 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 14MW)	2813 0 0 0 109 WR-SR Max (MW) -253 -279	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EXO Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI MALBASE - BINAGURI MALBASE - BIRAGURI	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 109 WR-SR Max (MW) -253 -279	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXO 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	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27 195	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN' Region ER ER ER NER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA)	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27 195 -66	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXO 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	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27 195	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN' Region ER ER ER NER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA)	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27 195 -66	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI 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 NEPAL IMPORT (FROM	1437 0 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 . e. BIRPARA RECEIPT 44MW) KATI GIA	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67	0.0 17.2 0.0 0.0 2.0 2.0.2 Min (MW) -27 195 -66 -10	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14
	State	KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN' Region ER ER ER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI 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 NEPAL IMPORT (FROM	1437 0 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. F (from MANGBECHU 11,2,4 (& 400kV) 1) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV) .e. BIRPARA RECEIPT 44MW) KATI	2813 0 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28	0.0 17.2 0.0 0.0 2.0 20.2 Min (MW) -27 195 -66	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI 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 NEPAL IMPORT (FROM	1437 0 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 . e. BIRPARA RECEIPT 44MW) KATI GIA	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67	0.0 17.2 0.0 0.0 2.0 2.0.2 Min (MW) -27 195 -66 -10	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI 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 NEPAL IMPORT (FROM	1437 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 .e. BIRPARA RECEIPT 44MW) KATI GIA	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67	0.0 17.2 0.0 0.0 2.0 2.0.2 Min (MW) -27 195 -66 -10	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6	-39.3 -41.0 17.2 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER NER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 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 NEPAL IMPORT (FROM	1437 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 .e. BIRPARA RECEIPT 44MW) KATI GIA	2813 0 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 -2	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER NER NER NER NER NER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1437 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) .e. BIRPARA RECEIPT (4MW) KATI GIA	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER NER NER	TERNATIONAL EXCLINE 1 1 TERNATIONAL EXCLINE 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 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 NEPAL IMPORT (FROM	1437 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) .e. BIRPARA RECEIPT (4MW) KATI GIA	2813 0 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 -2	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER NER NER NER NER NER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1437 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) .e. BIRPARA RECEIPT (4MW) KATI GIA	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER NER NER NER NER ER ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAG UR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA) 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM	1437 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 .e. BIRPARA RECEIPT 44MW) KATI GIA (1 UP) GAR-TANAKPUR(NHPC) (1 BIHAR)	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0 0 -97	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER NER NER NER NER NER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGURI MALBASE - BINAGURI RECEIPT (from TALA H 220kV CHUKHA-BIRPA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG NEPAL IMPORT (FROM	1437 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 .e. BIRPARA RECEIPT 44MW) KATI GIA (1 UP) GAR-TANAKPUR(NHPC) (1 BIHAR)	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44
	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER ER ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAG UR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA) 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM	1437 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 .e. BIRPARA RECEIPT 44MW) KATI GIA (1 UP) GAR-TANAKPUR(NHPC) (1 BIHAR)	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0 0 -97	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14
9	State State	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER NER NER ER ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAG UR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA) 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM	1437 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU (1,2,4 (& 400kV) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 44MW) KATI GIA (1 UP) CAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0 0 -97	39.3 41.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14
9	State State BHUTAN NEPAL	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER ER ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	1437 0 0 0 0 CHANGES Name ALIPURDUAR 1,2&3 i.e. (from MANGDECHU (1,2,4 (& 400kV) i.e. BINAGURI EP 6*170MW) RA 1&2 (& 220kV .e. BIRPARA RECEIPT 44MW) KATI GIA (1 UP) CAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH)	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427 -780	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 -2 0 0 -97	39.3 41.0 0.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314 -562	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14 -7.54
9	State State BHUTAN NEPAL	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER NER NER ER ER LER ER LER ER LER L	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	1437 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) RAT 182 (& 220kV I.e. BIRPARA RECEIPT 14MW) KATI GIA I UP) EAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427 -780 -1424	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 0 0 -97 -344 -908	39.3 41.0 0.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314 -562 -1248	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14 -7.54 -13.49 -29.96
9	State State BHUTAN NEPAL	KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER NER NER ER ER ER	TERNATIONAL EXC Line 400kV MANGDECHHU- ALIPURDUAR RECEIPI HEP 4*180MW) 400kV TALA-BINAGUR MALBASE - BINAGUR RECEIPT (from TALA H 220kV CHUKHA-BIRPA MALBASE - BIRPARA) i (from CHUKHA HEP 4*8 132kV GELEPHU-SALA: 132kV MOTANGA-RANG NEPAL IMPORT (FROM 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	1437 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) RAT 182 (& 220kV I.e. BIRPARA RECEIPT 14MW) KATI GIA I UP) EAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	2813 0 0 0 109 WR-SR Max (MW) -253 -279 -227 -28 33 -67 -67 -51 -427 -780	0.0 17.2 0.0 0.0 2.0 2.0 20.2 Min (MW) -27 195 -66 -10 -2 0 0 -97	39.3 41.0 0.0 0.0 0.0 0.0 0.0 163.4 Import(Avg (MW) -153 -99 -160 -23 6 0 -60 -6 -314 -562	-39.3 -41.0 17.2 0.0 0.0 0.0 2.0 -143.2 +ve)/Export(-ve) Energy Exchange (MU) -3.66 -2.38 -3.84 -0.54 0.14 0.00 -1.44 -0.14 -7.54 -13.49

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 20-Jan-2024

Export From India (in MU)

Export From In	iuia (iii ivio)				T-GNA				T
Country	GNA (ISGS/PPA)		COLLECTIVE						
		BILATERAL TOTAL	IDAM			RTM			TOTAL
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.00	0.00	10.94	0.00	0.00	0.09	0.00	0.00	11.03
Nepal	0.23	0.00	7.07	0.00	0.00	0.07	0.00	0.00	7.37
Bangladesh	13.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.39
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Export	13.62	0.00	18.01	0.00	0.00	0.16	0.00	0.00	31.79

Import by India(in MU)

		T-GNA							
	GNA (ISGA/PPA)	COLLECTIVE							
Country		BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
Nepal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48

Net from India(in MU) -ve : Export / +ve : Import T-GNA COLLECTIVE **GNA** (ISGS/PPA) IDAM BILATERAL RTM TOTAL Country TOTAL IEX PXIL HPX IEX PXIL HPX 0.48 0.00 -10.94 -0.09 0.000.00 -10.55 Bhutan 0.000.00-0.23 0.00 -7.07 0.00 0.00 -0.07 0.00 0.00-7.37 Nepal Bangladesh -13.39 0.000.000.000.000.000.000.00-13.39 0.00 0.000.00 0.000.000.000.00 0.00 0.00Myanmar **Total Net** -13.14 0.00-18.01 0.00 -0.16 0.00 0.00-31.31 0.00