

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 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 19.10.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-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 19th October 2023, is available at the NLDC website.

धन्यवाद,

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



Date of Reporting: 20-Oct-2023

10:25

Report for previous day

(From NLDC SCADA) Time Of Maximum Demand Met

A. Power Supply Position at All India and Regional level

NR WR TOTAL SR ER NER Demand Met during Evening Peak hrs(MW) (at 52662 49545 194701 65453 23994 3047 20:00 hrs; from RLDCs) Peak Shortage (MW) 201 0 0 264 **30** 495 Energy Met (MU) 1130 1552 1240 58 4503 523 Hydro Gen (MU) 161 56 72 60 24 373 Wind Gen (MU) 36 21 4 61 Solar Gen (MU)* 127.41 59.43 116.71 2.88 1.13 308 Energy Shortage (MU) 3.97 2.35 0.00 0.00 1.41 0.21 Maximum Demand Met During the Day (MW) 206736

24392

18:40

3153

17:36

61553

12:21

B. Frequency Profile (%) FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05 Region 0.052 73.29 All India 0.00 8.29 10.42 16.29

71717

15:02

54397

18:32

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C. Power	· Supply	Position	in States	

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day (MW)	maximum Demand (MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortage (MU)
	Punjab	7168	0	146.0	47.3	-0.5	166	0.00
	Haryana	7722	0	159.4	104.4	-0.7	94	0.56
	Rajasthan	13721	0	276.6	96.8	-2.1	242	0.59
	Delhi	4078	0	79.7	62.4	-1.3	118	0.00
NR	UP	18016	0	342.0	98.7	-1.6	1242	0.00
	Uttarakhand	2016	0	38.4	25.9	0.4	186	0.30
	HP	1826	0	32.9	20.9	-0.5	53	0.00
	J&K(UT) & Ladakh(UT)	2326	0	47.6	37.8	1.3	346	0.90
	Chandigarh	201	0	3.6	3.8	-0.2	25	0.00
	Railways_NR ISTS	179	0	3.5	3.5	0.0	46	0.00
	Chhattisgarh	5226	0	117.3	57.2	-2.0	179	0.00
	Gujarat	21280	0	431.5	164.3	2.4	688	0.00
	MP	13823	0	299.8	178.8	-2.4	513	0.00
WR	Maharashtra	28181	0	626.2	279.0	2.2	571	0.00
	Goa	732	0	15.0	13.5	1.2	95	0.00
	DNHDDPDCL	1279	0	29.6	30.1	-0.5	30	0.00
	AMNSIL	878	0	19.7	9.8	-0.4	285	0.00
	BALCO	520	0	12.4	12.5	-0.1	2	0.00
	Andhra Pradesh	13039	0	247.3	130.0	-1.6	556	0.00
	Telangana	14550	0	283.1	153.5	0.1	629	0.00
\mathbf{SR}	Karnataka	15442	0	276.6	105.8	-0.3	1149	0.00
	Kerala	4068	0	82.6	63.3	0.1	251	0.00
	Tamil Nadu	16406	0	340.5	201.9	-0.7	603	0.00
	Puducherry	445	0	10.2	9.8	-0.2	41	0.00
	Bihar	5593	0	112.8	101.8	0.4	336	0.00
	DVC	3200	0	71.3	-31.7	1.0	264	0.00
	Jharkhand	1542	264	32.5	25.8	-1.9	293	1.41
$\mathbf{E}\mathbf{R}$	Odisha	5048	0	116.7	36.5	-2.0	369	0.00
	West Bengal	8892	0	188.5	49.5	-2.9	147	0.00
	Sikkim	85	0	1.2	0.8	0.4	50	0.00
	Railways_ER ISTS	12	0	0.2	0.2	0.0	6	0.00
	Arunachal Pradesh	155	0	2.6	2.3	0.1	66	0.00
	Assam	2010	0	37.3	26.7	2.3	276	0.00
	Manipur	195	0	2.7	2.7	-0.1	37	0.00
NER	Meghalaya	319	9	5.6	3.3	-0.3	61	0.21
	Mizoram	126	0	1.8	1.4	-0.3	10	0.00
	Nagaland	152	0	2.7	2.5	0.0	10	0.00
	Tripura	298	0	5.5	4.9	-0.4	51	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	13.5	15.4	-23.8	-12.4
Day Peak (MW)	605.0	610.0	-1058.0	-521.4

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

E. Import Export by Regions (in 1976) - Import (196)	Export(-vc), OD(1)/ CD(-)				
	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	108.0	-197.9	189.2	-93.6	-5.8	0.0
Actual(MU)	87.1	-165.9	193.0	-117.5	-6.9	-10.2
O/D/IJ/D(MI)	20.0	32.0	2.0	23.0	-1.2	-10.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4164	8464	3968	4811	205	21611	48
State Sector	8866	9222	3391	2180	129	23787	52
Total	13030	17685	7359	6991	334	45398	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	753	1615	761	641	18	3787	77
Lignite	19	19	47	0	0	85	2
Hydro	161	56	72	60	24	373	8
Nuclear	25	54	71	0	0	149	3
Gas, Naptha & Diesel	24	37	6	0	29	96	2
RES (Wind, Solar, Biomass & Others)	137	98	168	4	1	408	8
Total	1119	1878	1124	706	72	4898	100
Share of RES in total generation (%)	12.26	5.21	14.93	0.61	1.61	8.34]
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	28.85	11.04	27.63	9.11	35.66	19.00	

H.	All	India	De	mand	Dive	sity	Facto	or
7	-	_	•				•	

H. All India Demand Diversity Factor	
Based on Regional Max Demands	1.040
Based on State Max Demands	1.067

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	206736	10:25	130
Non-Solar hr	199417	18:34	936

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

**Note: All generation MU figures are gross

^{***}Godda (Jharkhand) -> Bangladesh power exchange is through the radial connection (isolated from Indian Grid)

Solar Hours -> 06:00 to 18:00hrs and rest are Non-Solar Hours

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

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 20-Oct-2023

							Date of Reporting:	20-Oct-2023
Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
_	Export of ER (V		T -				122	
2	HVDC HVDC	ALIPURDUAR-AGRA PUSAULI B/B	2	0	501 48	0.0	12.3 1.3	-12.3 -1.3
3	765 kV	GAYA-VARANASI	2	175	310	0.0	1.9 5.7	-1.9
5	765 kV 765 kV	SASARAM-FATEHPUR GAYA-BALIA	1	0	315 388	0.0	5.0	-5.7 -5.0
7	400 kV 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	4 26	73 50	0.0	0.8	-0.8 -0.3
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	122	331	0.0	3.8	-3.8
9	400 kV 400 kV	PATNA-BALIA NAUBATPUR-BALIA	2 2	0	281 289	0.0	4.6 4.4	-4.6 -4.4
11	400 kV	BIHARSHARIFF-BALIA	2	98	76	0.0	0.1	-0.1
12 13	400 kV 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2 2	67 99	168 147	0.0	2.0 0.2	-2.0 -0.2
14	220 kV	SAHUPURI-KARAMNASA	1	2	73	0.0	1.1	-1.1
15 16	132 kV 132 kV	NAGAR UNTARI-RIHAND GARWAH-RIHAND	1	0 30	0	0.1	0.0	0.1
17	132 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0 43.4	-42.9
Import/	Export of ER (V				221.112	0.0	1011	-4212
2	765 kV 765 kV	JHARSUGUDA-DHARAMJAIGARH NEW RANCHI-DHARAMJAIGARH	4 2	781 988	120 54	7.9 10.5	0.0	7.9 10.5
3	765 kV	JHARSUGUDA-DURG	2	0	606	0.0	11.4	-11.4
5	400 kV 400 kV	JHARSUGUDA-RAIGARH RANCHI-SIPAT	4 2	0 194	678 94	0.0 1.0	12.2 0.0	-12.2 1.0
6	220 kV	BUDHIPADAR-RAIGARH	1	0	215	0.0	3.9	-3.9
7	220 kV	BUDHIPADAR-KORBA	2	106	29 ER-WR	0.9 20.2	0.0 27.4	0.9 -7.2
Import/	Export of ER (V	With SR)			EK-WK	20.2	27.4	-1.4
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	560	0.0	13.1	-13.1
3	HVDC 765 kV	TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2 2	0	1994 2531	0.0	45.9 47.9	-45.9 -47.9
4	400 kV	TALCHER-I/C	2	255	211	0.0	1.0	-1.0
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0 ER-SR	0.0	0.0 106.8	0.0 -106.8
Import/	Export of ER (V	With NER)			EK-5K	0.0	100.0	-100.0
1	400 kV	BINAGURI-BONGAIGAON	2	0	360	0.0	4.2	-4.2
3	400 kV 220 kV	ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	57 18	264 61	0.0	1.4 0.2	-1.4 -0.2
					ER-NER	0.0	5.9	-5.9
Import/	Export of NER HVDC	(With NR) BISWANATH CHARIALI-AGRA	2	0	604	0.0	14.4	14.4
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	604 NER-NR	0.0	14.4	-14.4 -14.4
Import/	Export of WR (
2	HVDC HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	5	0 54	0.0	0.0 1.2	0.0 -1.2
3	HVDC	MUNDRA-MOHINDERGARH	2	0	786	0.0	14.9	-14.9
4	765 kV	GWALIOR-AGRA	2	467	1147	0.8	11.0 21.5	-10.2
6	765 kV 765 kV	GWALIOR-PHAGI JABALPUR-ORAI	2 2	21 128	1395 601	0.0	13.6	-21.5 -13.6
7	765 kV	GWALIOR-ORAI	1	860	0	17.0	0.0 14.2	17.0
9	765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	1 2	0 1876	704	23.0	0.0	-14.2 23.0
10	765 kV	VINDHYACHAL-VARANASI	2	0	2124	0.0	32.0 0.0	-32.0
11	400 kV 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	1	262 634	0 80	3.3 5.2	0.0	3.3 5.2
13	400 kV	VINDHYACHAL -RIHAND	1	958	0	22.2	0.0	22.2
14 15	400 kV 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR	2	536	193 148	3.3 0.0	1.0 2.6	2.3
16	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.2	-2.2
17 18	220 kV 220 kV	MEHGAON-AURAIYA MALANPUR-AURAIYA	1	122 93	0	2.1 1.5	0.0	2.1 1.5
19	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	0.0
20	132 kV	RAJGHAT-LALITPUR	2	0	0 WR-NR	0.0 78.5	114.3	-35.8
	Export of WR (
2	HVDC HVDC	BHADRAWATI B/B RAIGARH-PUGALUR	2	0	1007 4012	0.0	24.0 93.8	-24.0 -93.8
3	765 kV	SOLAPUR-RAICHUR	2	1076	471	10.3	0.8	9.5
5	765 kV 765 kV	WARDHA-NIZAMABAD WARORA-WARANGAL(NEW)	2 2	0	1967 2115	0.0	28.3 33.0	-28.3 -33.0
6	400 kV	KOLHAPUR-KUDGI	2	1652	0	29.9	0.0	29.9
8	220 kV 220 kV	KOLHAPUR-CHIKODI PONDA-AMBEWADI	2	0	0	0.0	0.0	0.0
9	220 kV	XELDEM-AMBEWADI	1	0	119	2.3	0.0	2.3
					WR-SR	42.5	179.8	-137.4
			TERNATIONAL EX		1			+ve)/Export(-ve) Energy Exchange
	State	Region		Name	Max (MW)	Min (MW)	Avg (MW)	(MU)
		ER	400kV MANGDECHHU- ALIPURDUAR RECEIP	ALIPURDUAR 1,2&3 i.e. Γ (from MANGDECHU	0	0	0	3.19
		AJAN.	HEP 4*180MW)	`	v	· · · · · · · · · · · · · · · · · · ·	_	U.I./
		ER	400kV TALA-BINAGUR MALBASE - BINAGUR		0	0	0	13.04
		EK	MALBASE - BINAGUR RECEIPT (from TALA H	IEP 6*170MW)	U	U	U	13.04
				DA 18-2 (8- 220LV				
Ŀ	RHIITAN	ED	220kV CHÚKHA-BIRPA	,	0	Δ	0	-3 57
	BHUTAN	ER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8	i.e. BIRPARA RECEIPT	0	0	0	-3.57
	BHUTAN		220kV CHÜKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8	i.e. BIRPARA RECEIPT 84MW)				
	BHUTAN	ER NER	220kV CHÜKHA-BIRPA MALBASE - BIRPARA)	i.e. BIRPARA RECEIPT 84MW)	6	0	0	0.00
	BHUTAN	NER	220kV CHÜKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8	i.e. BIRPARA RECEIPT 84MW) KATI	6	0		0.00
	BHUTAN		220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA	i.e. BIRPARA RECEIPT 84MW) KATI			0	
	BHUTAN	NER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN	i.e. BIRPARA RECEIPT 84MW) KATI	6	0	0	0.00
	BHUTAN	NER NER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN	i.e. BIRPARA RECEIPT 84MW) KATI GIA	6	0 24	35	0.00
	BHUTAN NEPAL	NER NER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC)	6	0 24	35	0.00
		NER NER NR	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC)	6 45 0	0 24 0	0 35 0	0.00 0.85
		NER NER NR	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 4 BIHAR)	6 45 0	0 24 0	0 35 0	0.00 0.85
		NER NER NR	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 4 BIHAR)	6 45 0	0 24 0 0	0 35 0	0.00 0.85 1.10 0.00
		NER NER NR	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 4 BIHAR) UZAFFARPUR 1&2	6 45 0	0 24 0 0	0 35 0	0.00 0.85 1.10 0.00
		NER NER NR ER ER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 4 BIHAR) UZAFFARPUR 1&2	6 45 0 0 610	0 24 0 0 420	0 35 0 0 597	0.00 0.85 1.10 0.00
		NER NER NR ER ER ER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 1 BIHAR) UZAFFARPUR 1&2 C (B'DESH)	6 45 0 0 610	0 24 0 0 420	0 35 0 0 597	0.00 0.85 1.10 0.00
	NEPAL	NER NER NR ER ER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) 1 BIHAR) UZAFFARPUR 1&2 C (B'DESH)	6 45 0 0 610 -918	0 24 0 0 420	0 35 0 0 597 -884	0.00 0.85 1.10 0.00 14.32
	NEPAL	NER NER NR ER ER ER	220kV CHUKHA-BIRPA MALBASE - BIRPARA) (from CHUKHA HEP 4*8 132kV GELEPHU-SALA 132kV MOTANGA-RAN 132kV MAHENDRANAG NEPAL IMPORT (FROM 400kV DHALKEBAR-MI BHERAMARA B/B HVD	i.e. BIRPARA RECEIPT 34MW) KATI GIA GAR-TANAKPUR(NHPC) I BIHAR) UZAFFARPUR 1&2 C (B'DESH) HANPUR (B'DESH) D/C	6 45 0 0 610 -918	0 24 0 0 420	0 35 0 0 597 -884	0.00 0.85 1.10 0.00 14.32

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 20-Oct-2023

Export From India (in MU)

Export From II	idia (III MIC)								1		
			T-GNA								
	GNA	COLLECTIVE									
Country	(ISGS/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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Bangladesh	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.20		
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total Export	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.20		

Import by India(in MU)

			T-GNA								
	GNA	COLLECTIVE									
Country	(ISGA/PPA)	BILATERAL	IDAM				RTM		TOTAL		
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX			
Bhutan	12.14	0.00	1.28	0.00	0.00	0.00	0.00	0.00	13.42		
Nepal	2.63	0.00	11.24	0.00	0.00	0.47	0.00	0.00	14.34		
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	14.77	0.00	12.52	0.00	0.00	0.47	0.00	0.00	27.76		

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

		T-GNA							
	GNA		COLLECTIVE						
Country	(ISGS/PPA)	BILATERAL	IDAM			RTM			TOTAL
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	12.14	0.00	1.28	0.00	0.00	0.00	0.00	0.00	13.42
Nepal	2.63	0.00	11.24	0.00	0.00	0.47	0.00	0.00	14.34
Bangladesh	-21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.20
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net	-6.43	0.00	12.52	0.00	0.00	0.47	0.00	0.00	6.56