

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: 22nd September 2023

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 21.09.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-सितम्बर-2023 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध है |

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 21st September 2023, is available at the NLDC website.

धन्यवाद,

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



Report for previous day

A. Power Supply Position at All India and Regional level

Date of Reporting: 22-Sep-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at	70499	55380	47163	23348	2865	199255
20:00 hrs; from RLDCs)	70422	33300	4/103	23340	2003	177233
Peak Shortage (MW)	230	0	0	196	201	627
Energy Met (MU)	1545	1316	1194	524	58	4636
Hydro Gen (MU)	302	98	77	117	29	623
Wind Gen (MU)	11	81	92	-	-	184
Solar Gen (MU)*	128.29	49.02	92.75	1.40	0.70	272
Energy Shortage (MU)	2.64	0.00	0.00	1.35	0.50	4.49
Maximum Demand Met During the Day (MW)	70847	60412	56869	24766	3048	207060
(From NLDC SCADA)	70047	00412	30009	24700	3040	207000
Time Of Maximum Demand Met	22:21	10:39	10:54	18:59	18:01	11:54

B. Frequency Profile (%) Region All India 49.8 - 49.9 FVI < 49.7 49.7 - 49.8 < 49.9 49.9 - 50.05 > 50.05 0.034 0.00 72.62 0.00 25.05

C. Power Supply Position in States

Region	States	Max.Demand Met during the	Shortage during maximum	Energy Met	Drawal Schedule	OD(+)/UD(-)	Max OD	Energy Shortage (MU)
		day (MW)	Demand (MW)	(MU)	(MU)	(MU)	(MW)	, , , , , , , , , , , , , , , , , , ,
	Punjab	11691	0	242.3	140.3	0.7	229	0.00
	Haryana	10648	0	229.0	163.6	-0.7	205	0.52
	Rajasthan	12492	0	282.0	94.7	-4.8	77	0.00
	Delhi	6543	0	135.9	122.4	-1.6	137	0.00
NR	UP	25353	0	513.1	213.7	0.2	784	0.00
	Uttarakhand	2315	0	48.3	26.1	0.6	132	0.00
	HP	1692	0	34.5	6.6	0.6	100	0.36
	J&K(UT) & Ladakh(UT)	2418	220	49.9	24.1	2.5	243	1.76
	Chandigarh	332	0	6.8	6.7	0.1	25	0.00
	Railways_NR ISTS	157	0	3.2	3.4	-0.3	27	0.00
	Chhattisgarh	4277	0	103.3	43.0	-3.5	256	0.00
	Gujarat	17222	0	350.6	169.4	-3.3	799	0.00
WR	MP	11697	0	249.3	133.6	-0.8	680	0.00
	Maharashtra	26044	0	539.2	218.6	-5.5	948	0.00
	Goa	601	0	12.4	11.7	0.0	46	0.00
	DNHDDPDCL	1297	0	29.9	29.9	0.0	100	0.00
	AMNSIL	869	0	18.6	8.2	0.0	259	0.00
	BALCO	524	0	12.5	12.5	0.0	520	0.00
	Andhra Pradesh	11111	0	227.1	108.5	-0.2	574	0.00
	Telangana	13144	0	264.1	147.9	-2.0	567	0.00
SR	Karnataka	14484	0	263.1	84.1	3.5	1049	0.00
	Kerala	4008	0	81.4	67.2	1.1	345	0.00
	Tamil Nadu	16402	0	348.2	176.7	0.6	502	0.00
	Puducherry	454	0	10.1	9.5	-0.1	57	0.00
	Bihar	6642	254	127.1	125.4	-2.3	335	0.63
	DVC	3532	0	74.8	-31.0	1.2	392	0.00
	Jharkhand	1568	139	30.3	27.4	-2.2	255	0.72
ER	Odisha	4940	0	110.6	36.2	-1.5	240	0.00
	West Bengal	8276	0	179.6	51.7	-2.7	176	0.00
	Sikkim	87	0	1.2	1.3	-0.1	9	0.00
	Railways_ER ISTS	26	0	0.2	0.2	0.0	21	0.00
	Arunachal Pradesh	154	0	2.8	2.8	-0.5	21	0.00
	Assam	1939	146	36.7	30.0	0.8	217	0.34
	Manipur	182	0	2.4	2.6	-0.1	31	0.00
NER	Meghalaya	316	0	5.8	1.5	-0.2	53	0.16
	Mizoram	117	0	2.0	1.6	-0.6	7	0.00
	Nagaland	169	0	2.9	2.4	0.1	10	0.00
	Tripura	279	0	5.1	5.1	-0.2	39	0.00

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

	Bhutan	Nepal	Bangladesh	Godda -> Bangladesh
Actual (MU)	31.7	10.3	-24.9	-28.7
Day Peak (MW)	1621.0	464.0	-1082.0	-1347.0

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

E. Import Export by Regions (in 1976) - Import (196)	E: Import Export by Regions (in Fig.) - Import (+ve); OD(+); OD(+)											
	NR	WR	SR	ER	NER	TOTAL						
Schedule(MU)	318.2	-302.7	177.6	-187.5	-5.6	0.0						
Actual(MU)	305.3	-314.8	203.0	-190.2	-5.8	-2.4						
O/D/IJ/D(MI)	-13.0	12.1	25.4	2.7	0.2	-2.4						

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	2968	7810	4168	200	505	15650	36
State Sector	5866	13941	4872	2600	228	27506	64
Total	8834	21750	9040	2800	733	43157	100

G. Sourcewise generation (Gross) (MII)

NR	WR	SR	ER	NER	All India	% Share
796	1404	660	666	15	3541	71
30	12	39	0	0	81	2
302	98	77	117	29	623	12
29	54	76	0	0	159	3
34	58	6	0	26	124	2
146	132	211	3	1	493	10
1336	1758	1069	786	71	5020	100
						•
10.92	7.49	19.75	0.38	0.99	9.81	
35.69	16.13	34.06	15.26	41.88	25.38	
	796 30 302 29 34 146 1336	796 1404 30 12 302 98 29 54 34 58 146 132 1336 1758 10.92 7.49	796 1404 660 30 12 39 302 98 77 29 54 76 34 58 6 146 132 211 1336 1758 1069 10.92 7.49 19.75	796 1404 660 666 30 12 39 0 302 98 77 117 29 54 76 0 34 58 6 0 146 132 211 3 1336 1758 1069 786 10.92 7.49 19.75 0.38	796 1404 660 666 15 30 12 39 0 0 302 98 77 117 29 29 54 76 0 0 34 58 6 0 26 146 132 211 3 1 1336 1758 1069 786 71 10.92 7.49 19.75 0.38 0.99	796 1404 660 666 15 3541 30 12 39 0 0 81 302 98 77 117 29 623 29 54 76 0 0 159 34 58 6 0 26 124 146 132 211 3 1 493 1336 1758 1069 786 71 5020 10.92 7.49 19.75 0.38 0.99 9.81

H.	All	India	De	mand l	Diver	sity F	actor
7	_	_	•	117	7		

11. All fildia Delliand Diversity Factor	
Based on Regional Max Demands	1.042
Based on State Max Demands	1.081

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

	Max Demand Met(MW)	Time	Shortage(MW)
Solar hr	207060	11:54	71
Non-Solar hr	203322	18:58	573

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

^{**}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: 22-Sep-2023

No.						, <u>, </u>		Date of Reporting:	22-Sep-2023
The color of the	Sl No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1				T					
1				_					
The content of the	3	765 kV	GAYA-VARANASI	2		619	0.0	5.9	-5.9
B. MARTEN CONTROLLED			PUSAULI-VARANASI	1					
10 10 10 10 10 10 10 10				2		949		15.6	
10 10 10 10 10 10 10 10									
10	11	400 kV	BIHARSHARIFF-BALIA			363		5.3	-5.3
15 1931 19									
10 10 10 10 10 10 10 10	14	220 kV	SAHUPURI-KARAMNASA	1	0	133	0.0	1.9	-1.9
1 1 2 6 10 10 10 10 10 10 10				1					
Import Expert of ER (Will Will Will Will Will Will Will Wil	17	132 kV	KARMANASA-SAHUPURI	•	0	0	0.0	0.0	0.0
	18	132 kV	KARMANASA-CHANDAULI	1	0				
S. S. S. S. N. NET BANGERSHAMMAN S. 1112 4-34 5-9 6-5 6-5 1-5	Impor	t/Export of ER (V	With WR)			ER-IVE	0.5	10710	-107.5
SOUTH MINISTER 2 0 Mail 62 137 131 1									
Martin									
Property	4	400 kV	JHARSUGUDA-RAIGARH			428			-4.3
RESIDENT MARKED 1									
INDITIONAL PRIVATE AND ADDRESS 1	7	220 kV	BUDHIPADAR-KORBA	2	100				
	Impor	t/Export of ER (V	With SR)			ER-WK	17.5	19.5	-2.0
1	1	HVDC	JEYPORE-GAZUWAKA B/B						
Bank Traches									
Import Import	4	400 kV	TALCHER-I/C	2	0	658	0.0	12.3	-12.3
	5	220 kV	BALIMELA-UPPER-SILERRU	1	0	-			
BORNET BROWGELSON 2 8 257 69 45 45 45 60 10 10 10 10 10 10 10	Impor	t/Export of ER (\	With NER)			ER-SK	U.U	100.0	-100.0
2 20 9 90 12 12 12 10 11	1	400 kV	BINAGURI-BONGAIGAON						
Import Impo									
BINDER BINDER NATH CHARMALL CARDA 2 0 703 1.72 1.75									
Indept	Impor					702	0.0	17.0	17.0
HYPIC CHAMPA SKIRLENSHIPTEA 2 0 2-20 0-2 35.5 5-95.5 1-20 1	1	HVDC	BISWANATH CHARIALI-AGRA	2	U				
A	Impor				_				
NY NY NY NY NY NY NY NY	_								
								24.2	
POSSIV JABAPERORNA									
7								30.6	
7.65 EV	7	765 kV	GWALIOR-ORAI		637	0	11.4	0.0	11.4
10 76 17 VINDITACHIA-VARANSIS 2 0 3653 0.0 46.5 46.5 6.7									
13 490 EV ZERO -BIRMAL	10	765 kV	VINDHYACHAL-VARANASI		0	3053	0.0		-46.5
1 4901 VINDITACINIA. RIPIAND 1 951 0 221 6.0 221 14 4901 VINDITACINIA. RIPIAND 2 372 852 0.0 3.3 3.3 15 2201 VINDITACINIA. RIPIAND 1 0 0 0 0 16 220 VINDITACINIA. RIPIAND 1 0 0 0 0 17 2201 VINDITACINIA. RIPIAND 1 0 0 0 0 18 2201 VINDITACINIA. RIPIAND 1 0 0 0 0 19 1332 VINDITACINIA. RIPIAND 1 0 0 0 0 19 1332 VINDITACINIA. RIPIAND 1 0 0 0 0 10 10 0 0 0 0 0 10 0 0 0 0 0 10 0 0 0 0 0 10 0 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 0 10 0 0 10 0 0 0 10				1					
15 2200 220 220 200 1.3 1.3 1.3 1.3 1.3 1.5 2.20 2.20 2.2 2.	13	400 kV	VINDHYACHAL -RIHAND	•	951	0	22.1	0.0	22.1
10 220 AV BIRAYERA-MORAK				2					
18 220 kV MALANFURAURATIA 1 99 0 1.5 0.0 0.5	16	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.2	-2.2
132 EV WALFORSAWA MADHOPUR 1 0 0 0.0 0.0 0.0 0.0				1		-			
Import/Export of WR (With SR)	19	132 kV	GWALIOR-SAWAI MADHOPUR		0	0	0.0	0.0	0.0
Import(Export of WR (With SR)	20	132 kV	RAJGHAT-LALITPUR	2	0	-			
A	Impor	t/Export of WR (With SR)			VV R-1 (R	42.0	254.5	-105.1
3 765 KV WARDANIZMARADA 2 883 1756 1.2 10.4 9.1									
1									
Column	4	765 kV	WARDHA-NIZAMABAD	2	0	3126	0.0	49.9	-49.9
7 220 kV PONDA-AMBEWADI 1 0 0 0.0 0.0 0.0 2.1									
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	7	220 kV	PONDA-AMBEWADI		0	0	0.0	0.0	0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	8	220 kV	AELDEM-AMBEWADI	1	0				
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)			TN	TERNATIONAL EV	CHANGES				
BANGLADESH BANGLADESH BANGLADESH BANGLADESH ER 400kV DHALKEBAR-MUZAFFARPUR (B'DESH) D/C -1347 -1073 -1194 -28.66		State				Mov (MW)	Min (MW)		
ER		Suit	Kegion	-		IVIAN (IVI VV)	141111 (141.44.)	141g (11411)	(MU)
BHUTAN ER MALBASE - BINAGURI 1.2.4 (& 400kV MALBASE - BINAGURI P45 P45 P478 P478			ER	ALIPURDUAR RECEIP		563	386	448	10.74
BHUTAN ER MALBASE - BINGJURD Le BINAGURD 945 478 786 18.86					I 1.2.4 (& 400kV				
RECEIPT (from T.LA HEP 6*170MW) 21			ER			945	478	786	18.86
BHUTAN ER MALBASE - BIRPARA) i.e. BIRPARA RECEIPT 84 0 21 0.49 NER 132kV GELEPHU-SALAKATI 23 0 18 0.42 NER 132kV MOTANGA-RANGIA 64 37 50 1.19 NER 132kV MOTANGA-RANGIA 64 37 50 1.19 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 BANGLADESH (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66				RECEIPT (from TALA H	IEP 6*170MW)				
NER		BHUTAN	ER			84	0	21	0.49
NER 132kV MOTANGA-RANGIA 64 37 50 1.19 NR 132kV MAHENDRANAGAR-TANAKPUR(NHPC) -43 0 -8 -0.19 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 BANGLADESH ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66				(from CHUKHA HEP 4*8	84MW)				
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 ER 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66			NER	132kV GELEPHU-SALA	KATI	23	0	18	0.42
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 ER 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66			NER	132kV MOTANGA-RAN	GIA	64	37	50	1.19
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.00 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66			NR	132kV MAHENDRANAG	GAR-TANAKPUR(NHPC)	-43	0	-8	-0.19
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 507 385 438 10.52 ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66		NEPAL	ER	NEPAL IMPORT (FROM	И BIHAR)	0	0	0	0.00
ER BHERAMARA B/B HVDC (B'DESH) -924 -795 -894 -21.46 BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66			ER	400kV DHALKEBAR-M	UZAFFARPUR 1&2	507	385	438	10.52
BANGLADESH ER (Isolated from Indian Grid) 400kV GODDA_TPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66	Ì		ER	BHERAMARA B/B HVD	C (B'DESH)	-924	-795	-894	-21.46
BANGLADESH (Isolated from Indian Grid) 400KV GODDA_IPS-RAHANPUR (B'DESH) D/C -1347 -1073 -1194 -28.66									
	R	ANGLADESH		400kV GODDA_TPS-RA	HANPUR (B'DESH) D/C	-1347	-1073	-1194	-28.66
NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -158 0 -142 -3.40			(Isolated from Indian Grid)	1					
	"								
			NER	132kV COMILLA-SURA	JMANI NAGAR 1&2	-158	0	-142	-3.40

CROSS BORDER EXCHANGE SCHEDULE

Date of Reporting: 22-Sep-2023

Export From India (in MU)

Export From 1	(m 1/20)				STOA						
	(ISGS/LTA/MTOA)		COLLECTIVE								
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	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37		
Bangladesh	21.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.54		
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total Export	21.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.91		

Import by India(in MU)

		STOA							
Country	(ISGS/LTA/MTOA) PPA	COLLECTIVE							
		BILATERAL TOTAL	IDAM			RTM			TOTAL
			IEX	PXIL	HPX	IEX	PXIL	HPX	
Bhutan	27.63	2.35	0.00	0.00	0.00	0.00	0.00	0.00	29.98
Nepal	0.00	2.63	7.67	0.00	0.00	0.00	0.00	0.00	10.30
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
Fotal Import	27.63	4.98	7.67	0.00	0.00	0.00	0.00	0.00	40.28

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

Net from india(in MU) -ve: Export / +ve: Imp									mport	
		STOA								
	(ISGS/LTA/MTOA)		COLLECTIVE						7	
Country	PPA	BILATERAL	IDAM			RTM			TOTAL	
		TOTAL	IEX	PXIL	HPX	IEX	PXIL	HPX		
Bhutan	27.63	2.35	0.00	0.00	0.00	0.00	0.00	0.00	29.98	
Nepal	-0.37	2.63	7.67	0.00	0.00	0.00	0.00	0.00	9.93	
Bangladesh	-21.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.54	
Myanmar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Net	5.72	4.98	7.67	0.00	0.00	0.00	0.00	0.00	18.37	