

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

To.

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता ७०००३३ Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 2. 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.,२९ , रेस कोर्स क्रॉस रोड, बंगलुरु –५६०००९ Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 08.08.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-अगस्त-2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 08th August 2020, is available at the NLDC website.

धन्यवाद,

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day
A. Power Supply Position at All India and Regional level

Date of Reporting: 09-Aug-2020

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	61649	42428	38504	21387	2796	166764
Peak Shortage (MW)	1385	0	0	0	5	1390
Energy Met (MU)	1429	985	920	453	54	3840
Hydro Gen (MU)	359	25	123	139	26	671
Wind Gen (MU)	11	132	192		-	334
Solar Gen (MU)*	26.04	18.40	63.49	4.82	0.03	113
Energy Shortage (MU)	0.8	0.0	0.0	0.0	0.0	0.8
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	64851	42302	43519	21632	2793	167499
Time Of Maximum Demand Met (From NLDC SCADA)	22:20	09:49	09:20	23:09	19:07	19:59

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	0.042	0.00	1.26	9.06	10.32	81.19	8.48

	0.0.2		1.20	2.00	10.52	01.17	0.70	4
C. Power Sup	ply 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
		day(MW)	Demand(MW)	(MC)	(MU)	(MIC)	(141 44)	(MU)
	Punjab	12729	0	291.0	148.0	-0.5	94	0.0
	Haryana	10060	13	215.1	188.8	1.9	266	0.7
	Rajasthan	9856	0	223.0	88.6	-2.2	280	0.0
	Delhi	5722	0	113.7	99.2	-2.0	85	0.0
NR	UP	22891	0	458.6	227.2	1.9	365	0.1
	Uttarakhand	1997	0	44.1	22.2	1.5	197	0.0
	HP	1455	0	32.7	-2.8	-0.6	35	0.0
	J&K(UT) & Ladakh(UT)	2264	0	44.2	19.0	-0.5	169	0.0
	Chandigarh	330	0	6.7	6.0	0.6	62	0.0
	Chhattisgarh	4003	0	95.2	32.9	0.0	273	0.0
	Gujarat	12467	0	274.9	71.5	-0.2	875	0.0
	MP	8735	0	198.7	113.0	-3.1	377	0.0
WR	Maharashtra	16620	0	369.4	124.7	-2.4	418	0.0
	Goa	425	0	8.5	8.4	-0.2	71	0.0
	DD	258	0	5.6	5.5	0.1	23	0.0
	DNH	634	0	14.4	14.5	-0.1	35	0.0
	AMNSIL	792	0	17.8	6.8	0.7	271	0.0
	Andhra Pradesh	8332	0	170.7	43.9	-0.4	557	0.0
	Telangana	12412	0	250.3	116.1	-1.1	780	0.0
SR	Karnataka	7739	0	149.9	39.6	-4.1	425	0.0
521	Kerala	2678	0	56.4	31.4	1.0	172	0.0
	Tamil Nadu	12807	0	284.3	87.9	-4.1	797	0.0
	Puducherry	378	0	8.0	8.1	-0.1	77	0.0
	Bihar	5601	0	114.9	104.6	2.2	303	0.0
	DVC	2987	0	64.3	-42.2	0.5	496	0.0
	Jharkhand	1541	0	26.6	21.5	-1.0	118	0.0
ER	Odisha	4272	0	83.5	7.6	-0.4	364	0.0
211	West Bengal	8102	0	163.1	50.2	0.5	766	0.0
	Sikkim	74	0	0.9	1.2	-0.3	11	0.0
	Arunachal Pradesh	104	1	1.8	1.8	0.1	20	0.0
	Assam	1796	30	35.0	31.7	-0.3	103	0.0
	Manipur	192	1	2.6	2.5	0.1	26	0.0
NER	Meghalaya	326	0	5.3	0.2	-0.1	23	0.0
MEN	Mizoram	95	2	1.5	1.2	0.1	29	0.0
	Nagaland	124	1	2.3	2.4	-0.3	15	0.0
	Tripura	307	1	5.1	5.5	0.5	85	0.0
	TTIPUTA	307		5.1	3,3	0.5	92	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	53.6	-3.0	-25.8
Day Peak (MW)	2382.0	-312.5	-1107.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	371.6	-339.0	73.8	-112.1	5.7	0.0
Actual(MU)	382.4	-347.2	65.2	-97.8	7.0	9.6
O/D/U/D(MU)	10.7	-8.2	-8.5	14.3	1.3	9.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	5619	15332	13062	3765	546	38324
State Sector	10469	23163	14418	5465	47	53561
Total	16088	38495	27480	9230	593	91885

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	568	1069	354	441	7	2439
Lignite	22	9	28	0	0	58
Hydro	359	25	123	139	26	671
Nuclear	21	33	48	0	0	102
Gas, Naptha & Diesel	45	54	13	0	21	133
RES (Wind, Solar, Biomass & Others)	59	175	313	5	0	552
Total	1074	1365	878	585	53	3955
Share of RES in total generation (%)	5.46	12.83	35.63	0.83	0.06	13.95
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	40.89	17.05	55.00	24.57	48.61	33.49

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.045
Based on State Max Demands	1.081

^{*}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: 09-Aug-2020

Export (MU) NET (MU)

Marchael							Date of Reporting:	=(-ve) for NET (MU) 09-Aug-2020
The Content of the			No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1	Import/Export of ER (1 HVDC	ALIPURDUAR-AGRA	2	0	1301	0.0	31.3	-31.3
1			2	0	399	0.0	9.5	-9.5
	4 765 kV	SASARAM-FATEHPUR	1		0	4.4	0.0	4.4
1	6 400 kV	PUSAULI-VARANASI	Î	0	312	0.0	7.0	-7.0
10	8 400 kV	MUZAFFARPUR-GORAKHPUR	2	0	509	0.0	7.8	-7.8
11	10 400 kV	BIHARSHARIFF-BALIA	4 2	0	297	0.0		-4.1
10 1985	11 400 kV 12 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2 2					
14 11 12 12 12 12 13 15 15 15 15 15 15 15		PUSAULI-SAHUPURI	1					
Description of 19 A	15 132 kV	GARWAH-RIHAND	1			0.5	0.0	0.5
			i		43	0.0	0.0	0.0
1			1	1				
1								
1	3 765 kV	JHARSUGUDA-DURG	2	219	0	2.9	0.0	2.9
Total								
STATE STAT	6 220 kV	BUDHIPADAR-RAIGARH	1	1	89	0.0	0.9	
	7 220 kV	BUDHIPADAR-KORBA	2	196				
1		With SR)	2	1 0			12.5	-12.5
BORN	2 HVDC	TALCHER-KOLAR BIPOLE		0	1989	0.0	38.6	-38.6
	4 400 kV	TALCHER-I/C	2	247	616	0.0	3.9	-3.9
			1	1				
1	1 400 kV	BINAGURI-BONGAIGAON	2					
TENNEL 0.0 2.13 2.13 2.13 1.15 1.15 1.15 1.15 2.15	2 400 kV	ALIPURDUAR-BONGAIGAON	2 2		141			
DESCRIPTION NOT NOT 100					ER-NER			
			2	0			16.6	-16.6 -16.6
1 1970				1 ^				
1	2 HVDC	VINDHYACHAL B/B		0	496	0.0	8.7	-8.7
SECTION PRINCIPAL MARKED 3 0 1312 0.0 2.66 2.266 2.266 2.266 2.266 2.266 2.266 2.266 2.267 2.268 2.2	4 765 kV	GWALIOR-AGRA	2	0	3113	0.0	59.6	-59.6
1		PHAGI-GWALIOR	2 2			0.0		
1 156.17 CHITOROGRABERANSKANTIA 2 0 1608	7 765 kV	GWALIOR-ORAI SATNA-ORAI	1	373	0	8.0	0.0	8.0
1 00 00 00 00 00 00 00	9 765 kV	CHITORGARH-BANASKANTHA	2	. 0	1638	0.0	16.6	-16.6
13 1808 RAPPSHIZAFEER 2 0 565 0.0 9.0 9.0 9.0 9.0	11 400 kV	ZERDA -BHINMAL	1	0	405	0.0	5.2	-5.2
18 229AY BHANTRA-MORRAN 1 0 11M 0.0 2.3 2.23	13 400 kV	RAPP-SHUJALPUR	2	0	565	0.0	9.0	-9.0
17 129AY MALANTEALERITYA	15 220 kV	BHANPURA-MORAK	1	0	134	0.0	2.3	-2.3
19 132 kV RAJGHAT-LALITPUR 2 0 0 0 0 0 0 0 0 0	17 220 kV	MALANPUR-AURAIYA	1					
		GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 2				0.0	
THURC								-281.5
13	1 HVDC	BHADRAWATI B/B						
\$\frac{5}{6} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 765 kV	SOLAPUR-RAICHUR	2	1406	1239	7.8	5.7	2.0
To	5 400 kV	KOLHAPUR-KUDGI	2	1138	0	15.7	0.0	15.7
STEENATONAL EXCHANGES State Region	7 220 kV	PONDA-AMBEWADI	1					
State Region Line Name Max (MW) Min (MW) Avg (MW) Emergy Exch	8 220 1-0							
ER	, and KV	IXELDEM-AMBEWADI	1		80 WR-SR	1.4		
ER		<u> </u>		NATIONAL EXCHA	80 WR-SR NGES	1.4 27.7	42.2	-14.5
ER		<u> </u>	Line	NATIONAL EXCHA	80 WR-SR NGES	1.4 27.7	42.2	-14.5 Energy Exchange
MANGED FULL HEP * PROMUN SHORT TALA.BINAGER LAFA GARDER SHORT TALA.BINAGER LAFA GARDER SHORT TALA.BINAGER LAFA GARDER SHORT TALA.BINAGER LAFA GARDER SHORT TALA.BINAGER LAFA BINAGER LAFA BINAGE		Region	Line 400kV MANGDECHH i.e. ALIPURDUAR RE	NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from	80 WR-SR NGES Max (MW)	1.4 27.7 Min (MW)	Avg (MW)	-14.5 Energy Exchange (MII)
FER		Region ER	Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV MANGDECHH	NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from 19180MW) IU-ALIPURDUAR 1&2	80 WR-SR NGES Max (MW)	1.4 27.7 Min (MW)	42.2 Avg (MW) 761	-14.5 Energy Exchange (MU) 18.3
BHUTAN		Region ER	Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4	NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from 19-180MW) IU-ALIPURDUAR 1&2 CCEIPT (from 19-180MW)	80 WR-SR NGES Max (MW)	1.4 27.7 Min (MW)	42.2 Avg (MW) 761	-14.5 Energy Exchange (MU) 18.3
BRUTAN ER MALEASE BIPPARA) ER MALEASE BIPPARA BIPP		Region ER ER	Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGI	NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from 19 180MW) U-ALIPURDUAR 1&2 CEIPT (from 19 180MW) IRI 12,4 (& 400KV	80 WR-SR NGES Max (MW) 763	1.4 27.7 Min (MW) 760	42.2 Avg (MW) 761 761	-14.5 Energy Exchange (MII) 18.3 18.3
BHUTAN		Region ER ER ER	Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHH HEP 4 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHH HEP 4 400kV TALA-BINAGU MALBASE - BINAGU MAUGUAR - BINAGU 400kV TALA-BINAGU 400kV TALA-BINAGU	NATIONAL EXCHA NATIONAL EXCHA Name UU-ALIPURDUAR 1&2 CEIPT (from P180MW) U-ALIPURDUAR 1&2 CEIPT (from P180MW) URI 1,2,4 (& 400kV RI 1,2,4 (& 400kV RI 1,2,4 (& 400kV RI 1,2,4 (& 400kV	80 WR-SR NGES Max (MW) 763 763	1.4 27.7 Min (MW) 760 760	Avg (MW) 761 761 1035	-14.5 Energy Exchange (MII) 18.3 18.3 24.9
BHUTAN ER MALBASE - BIFRAMA 18.2 (% 220K) MALBASE - BIFRAMA 18.2 (Region ER ER ER	Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHH HEP 4 400kV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA. BINAGU MALBASE - BINAGU	NATIONAL EXCHA NATIONAL EXCHA NAME UU-ALIPURDUAR 1&2 CEIPT (from P180MW) UU-ALIPURDUAR 1&2 CEIPT (from P180MW) URI 1,2,4 (& 400EV RI 1,2,4	80 WR-SR NGES Max (MW) 763 763	1.4 27.7 Min (MW) 760 760	Avg (MW) 761 761 1035	-14.5 Energy Exchange (MII) 18.3 18.3 24.9
NER 132KV-GEYLEGPHU - SALAKATI 65 52 -59 -1.4 NER 132KV-GEYLEGPHU - SALAKATI 65 52 -59 -1.4 NER 132KV-GEYLEGPHU - SALAKATI 65 52 -59 -1.4 NER 132KV-Motanga-Rangia 43 36 -39 -0.9 NER 132KV-TANAKPURNH - 43 36 -39 -0.9 NER 132KV-TANAKPURNH - -61 0 -38 -0.9 NR 132KV-TANAKPURNH - -61 0 -38 -0.9 NR 132KV-TANAKPURNH - -61 0 -38 -0.9 NR 132KV-TANAKPURNH - -61 0 -38 -0.9 NEPAL ER 132KV-BHAR - NEPAL -70 -8 -21 -0.5 NEPAL ER 132KV-BHAR - NEPAL -70 -8 -21 -0.5 ER 220KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER 210KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 BANGLADESH NER 132KV-SURAIMANI NAGAR - -85 0 -73 -1.7 NER 132KV-SURAIMANI NAGAR - -85 0 -72 -1.7 NER 132KV-SUR	State	Region ER ER ER ER	Line 400kV MANGDECHH ie. ALIPURDUAR HE MANGDECHU HEP 4 400kV MANCDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BIRAGU	NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 1-180AW) P180AW) P180AW) P180AW) P181 12.4 (8 400kV R)	80 WR-SR NGES Max (MW) 763 763 1146	1.4 27.7 Min (MW) 760 0	42.2 Avg (MW) 761 761 1035	-14.5 Energy Exchange (MII) 18.3 18.3 24.9
NER 132KV-GEYLEGPHU - SALAKATI 65 52 .59 .1.4 NER 132kV Motanga-Rangia 43 36 .39 .40.9 NER 132kV Motanga-Rangia 43 36 .39 .40.9 NER 132kV-TANAKPUR(NH)	State State	Region ER ER ER ER ER	Line 400kV MANGDECHH 400kV MANGDECHH 400kV MANGDECHH HEP 4 400kV MANGDECHH 1c. ALIPURDUAR RE MANGDECHH HEP 4 400kV TALA-BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR RECEIPT (from CHL) 200kV CHUKHA-BIR	NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from 1-BOMW) U-ALIPURDUAR 1&2 CEIPT (from 1-BL 12/4, 64 406 W RIL 12/4, 64	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146	1.4 27.7 Min (MW) 760 760 0	42.2 Avg (MW) 761 761 1035 1035 337	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1
NER 132kV Motanga-Rangia 43 36 -39 -0.9 NER 132kV Motanga-Rangia 43 36 -39 -0.9 NER 132kV-TANAKPUR(NH) -	State State	Region ER ER ER ER ER	Line 400KV MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400KV MANGDECHH i.e. ALIPURDUAR RE MANGDECHH HEP 4 400KV TALA-BINACU RECEIPT (Irom TALY MALBASE - BINACU RECEIPT (Irom TALY Z0KV CHUKHA-BIR MALBASE - BIRPAR	NATIONAL EXCHA Name II-ALIPIRDUAR 1&2 CEIPT (from 19 ISOMW) ICALIPIRDUAR 1&2 CEIPT (from 19 ISOMW) IRI 1,2-4 (& 400kV IRI	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146	1.4 27.7 Min (MW) 760 760 0	42.2 Avg (MW) 761 761 1035 1035 337	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1
NER 132kV Motanga-Rangia 43 36 -39 -0.9 NER 132kV Motanga-Rangia 43 36 -39 -0.9 NER 132kV-TANAKPUR(NH) -	State State	Region ER ER ER ER ER ER	Line LANGERTH LE ALIPURDUAR RE MANGDECHU HEP 4 MANGDECHU HEP 4 MORY MANGDECHU HEP 4 MORY MANGDECHU HEP 4 MORY MALBASE BINAGU MALBASE BI	NATIONAL EXCHA Name III-ALIPICROUAE 1&2 CEIPT (from 19 180MW) UCALIPICROUAE 1&2 CEIPT (from 19 180MW) IRI 1,2,4 (& 400kV RII	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364	1.4 27.7 Min (MW) 760 0 0 0 0 0	42.2 Avg (MW) 761 761 1035 1035 337	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1
NER	State State	Region ER ER ER ER ER ER ER ER NER	Line doky Mancidechi i.e. ALIPURDUAR RE MANGDECHU HEP 4 doky MANCIDECHI i.e. ALIPURDUAR RE MANGGECHU HEP 4 MALBASE HINAGU RECEIPT (from TAL 4000 Y MAL-BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 1000 Y CHUKHA-BIR RECEIPT (from CHU 1000 Y CHUKHA-BI	NATIONAL EXCHA Name U-ALIPIRDUAR 1&2 CEIPT (from 19 ISOAW) U-ALIPIRDUAR 1&2 CEIPT (from 19 ISOAW) INITEAL (14 SOON I	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65	1.4 27.7 Min (MW) 760 0 0 0 0 0 52	42.2 Avg (MW) 761 761 1035 1035 337 -59	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1
NR	State State	Region ER ER ER ER ER ER ER ER NER	Line doky Mancidechi i.e. ALIPURDUAR RE MANGDECHU HEP 4 doky MANCIDECHI i.e. ALIPURDUAR RE MANGGECHU HEP 4 MALBASE HINAGU RECEIPT (from TAL 4000 Y MAL-BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 2000 Y CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 1000 Y CHUKHA-BIR RECEIPT (from CHU 1000 Y CHUKHA-BI	NATIONAL EXCHA Name U-ALIPIRDUAR 1&2 CEIPT (from 19 ISOAW) U-ALIPIRDUAR 1&2 CEIPT (from 19 ISOAW) INITEAL (14 SOON I	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65	1.4 27.7 Min (MW) 760 0 0 0 0 0 52	42.2 Avg (MW) 761 761 1035 1035 337 -59	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1
NR	State State	Region ER ER ER ER ER ER NER	Line Line Line Line Line Line Line Line	NATIONAL EXCHA Name U-ALIPICROUAR 1&2 CEIPT (from 120 AIPT (ROUNDER 1) U-ALIPICROUAR 1&2 CEIPT (from 120 AIPT (ROUNDER 1) U-ALIPICROUAR 1&2 CEIPT (from 120 AIPT (ROUNDER 1) U-ALIPICROUAR 1&2	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 52	42.2 Avg (MW) 761 761 1035 1035 337 -59 -59	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 -1.4
NR MAIECDRANAGARPC) -61 0 -38 -0.9	State State	Region ER ER ER ER ER ER NER NER	Line doky Mancidechi Le ALIPURDUAR RE MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MALBASE - BINAGU RECHET (from CHU 2004 CHURHA-BIN MALBASE - BINAGU RECHET (from CHU 2004 CHURHA-BIR MALBASE - BIRPAR MALBA	NATIONAL EXCHA Name IL-ALIPICROUAE 1&2 CEPPT (from 19 ISOMW) CICALIPICROUAE 182 CEPT (from 19 ISOMW) IRI 1,24 (& 400kV IRI 1,24 (& 200kV IRI	80 WR-SR WR-SR NGES Max (MW) 763 1146 1146 364 65 65 65 43	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9
NR 132RV-TANAKPUR(NH) - 461 0 -38 -0.9 NEPAL ER 132KV-BIHAR - NEPAL -70 -8 -21 -0.5 NEPAL ER 132KV-BIHAR - NEPAL -70 -8 -21 -0.5 ER 220KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 BANGLADESH NER 132KV-SURAJMANI NAGAR - 85 0 -73 -1.7 NER 132KV-SURAJMANI NAGAR - 85 0 -72 -1.7 NER 132KV-SURAJMANI NAGAR - 84 0 -72 -1.7	State State	Region ER ER ER ER ER ER NER NER	Line doky MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 doky MALABINAGU RECEIPT (rom TAL- ZOKY CHUKH ALBINAGU RECEIPT (from CHU ZOKY CHUKH ALBINAGU MALBASE - BIRPAR	NATIONAL EXCHA Name II-ALIPICRUUAR 182 CEIPT (from 19 ISOMW) ICALIPICRUUAR 182 CEIPT (from 19 ISOMW) IRI 1,24, (84 906 V. RII 1,24,	80 WR-SR WR-SR NGES Max (MW) 763 1146 1146 364 65 65 65 43	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9
NR	State State	Region ER ER ER ER ER ER NER NER NER	Line dok VMANGBECHH ie ALIPURDUAR RE MANGDECHU HEP 4 dok VMANGBECHU HEP 4 dok VMANGBECHU HEP 4 dok VMANGBECHU HEP 4 dok VMALBASE - BINACU MALBASE - BINACU 1326V-GEVLECHTON TALE 1326V-GEVLECHTON TALE 1326V-GEVLECHTU 1326V-GEVLECHT	NATIONAL EXCHA Name U-ALIPI(RDUAR 182 CEIPT (from PEROME) PEROMEN FEROMEN INITIAL (48 400KV INITIAL	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 65 65 43 43	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36 36 36	42.2 Avg (MW) 761 1035 1035 337 -59 -39	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9
NEPAL ER 132KV-BIHAR - NEPAL .70 .8 .21 .0.5 ER 220KV-MUZAFFARPUR - DHALKEBAR .182 .4 .68 .1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR .182 .4 .68 .1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR .182 .4 .68 .1.6 ER BHERAMARA HVDC(BANGLADESH) .938 .925 .932 .22.4 ER BHERAMARA HVDC(BANGLADESH) .938 .925 .932 .22.4 BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) .85 0 .73 .1.7 BANGLADESH NER .124KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) .85 0 .73 .1.7 NER .124KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) .24 .4 .4 .4 .4 .4 .4 .	State State	Region ER ER ER ER ER ER NER NER NER	Line JONEY MANCEDECHH Le. ALIPURDUAR RE MANGDECHU HEP-H Le. ALIPURDUAR RE MONEY MANCEDECHU Le. ALIPURDUAR RE MONEY MALA BINACU MALBASE - BINACU RECEIPT (from TAL- JONEY MALA BINACU RECEIPT (from CHL MALBASE - BINACU RECEIPT (from CHL MALBASE - BINACU MALBASE - BINACU HECHT (from CHL LINEY MALBASE - BINACU MALBASE - BINAC	NATIONAL EXCHA Name U-ALIPICROUAR 1&2 CEIPT (from 1-130AW) U-ALIPICROUAR 1&2 CEIPT (from 1-130AW) IVALIPICROUAR 1&2 CEIPT (from 1-130AW) IRI 1.2-1(x 4400kV RI 1.2-1(x 4400kV RI 1.2-1(x 4400kV RI 1.2-1(x 400kV ALIPICROUAV PARA 182 (& 220kV ALIPICROUAV - SALAKATI - SALAKATI a a n NH) - PG	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 52 36 36 0 0	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39 -39 -38	-14.5 Energy Exchange (MH) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9 -0.9
ER 220KV-MUZAFFARPUR - DHALKEBAR DC -182 -4 -68 -1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR DC -182 -4 -68 -1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -73 -1.7 BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -73 -1.7 NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -72 -1.7	State State	Region ER ER ER ER ER ER NER NER NER	Line doky MANGDECHH Le ALIPURDUAR RE MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MANGDECHU HEP 4 doky MALBASE - BINAGU RECHT ALCHINAL RECHT (From CHU 230k CHURHA BINAGU RECHT (From CHU 230k CHURHA BIR MALBASE - BIRPAR RECHT (From CHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR RECHT (From CHU 132kV-GEYLEGPHU	NATIONAL EXCHA Name IL-ALIPICROUAE 1&2 CEPPT (from 19 ISOMW) ICALIPICROUAE 1&3 CEPPT (from 19 ISOMW) ICALIPICROUAE 1&3 CEPPT (from 19 ISOMW) IRI 1_2-1(x 46 406) IRI 1_2-1(x 46 406) IRI 1_2-1(x 406) IRI 1	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 52 36 36 0 0	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39 -39 -38	-14.5 Energy Exchange (MH) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9 -0.9
ER 220KV-MUZAFFARPUR - DHALKEBAR DC -182 -4 -68 -1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR DC -182 -4 -68 -1.6 ER 220KV-MUZAFFARPUR - DHALKEBAR -182 -4 -68 -1.6 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4 BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -73 -1.7 BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -73 -1.7 NER 132KV-SURAJMANI NAGAR - COMILLA/BANGLADESH-1 - 85 -0 -72 -1.7	State BHUTAN BHUTAN	Region ER ER ER ER ER ER NER NER NER	Line doky MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 doky MALABIANAC RECEIPT (from TAL- ZOKY CHICKH ALB MALBASE - BIRPAR 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPURC MAHENDRANAGAR 132KV-TANAKPURC MAHENDRANAGAR	NATIONAL EXCHA Name II-ALIPIERDUAR 182 CEIPT (from 19 ISOMW) III-ALIPIERDUAR 182 CEIPT (from 19 ISOMW) III-LA-18 (48 400 kV III-LA-1	80 WR-SR WR-SR NGES Max (MW) 763 1146 1146 364 65 65 43 43 -61	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36 36 0 0 0	42.2 Avg (MW) 761 1035 1035 337 337 -59 -39 -39 -38	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9
ER DC -182 -4 -68 -1.6	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER NER NER N	Line doky MANGDECHU Le ALIPURDUAR RE MANGDECHU HEP-4 BORW MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from TAL- 400K Y TAL-3-BINAGU RECEIPT (from CHU 200K Y CHIKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-MAREUREN MAHENDRANAGUREN	NATIONAL EXCHA Name U-ALIPIRDUAE 1&2 CEIPT (from 1º 180AW) 1º 180AW) IVIALIPIROUAE 1&3 CEIPT (from 1º 180AW) IVIALIPIROUAE 1&3 CEIPT (from 1º 180AW) IVILLATOR (100AW) IVILLATOR (80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43 -61 -61	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36 36 0 0 0 -8	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39 -38 -38	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9
ER	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER NER NER N	Line doky MANGDECHU Le ALIPURDUAR RE MANGDECHU HEP-4 BORW MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from TAL- 400K Y TAL-3-BINAGU RECEIPT (from CHU 200K Y CHIKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-MAREUREN MAHENDRANAGUREN	NATIONAL EXCHA Name U-ALIPIRDUAE 1&2 CEIPT (from 1º 180AW) 1º 180AW) IVIALIPIROUAE 1&3 CEIPT (from 1º 180AW) IVIALIPIROUAE 1&3 CEIPT (from 1º 180AW) IVILLATOR (100AW) IVILLATOR (80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43 -61 -61	1.4 27.7 Min (MW) 760 0 0 0 0 0 52 52 36 36 0 0 0 -8	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39 -38 -38	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9
ER DC -182 -4 -68 -1.6	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER	Line 400K VMANGDECHH 16. ALJPURDUAR RE MANGDECHU HEP 4 400K VMANGDECHU HEP 4 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPURC MAHENDRANAGAR 132KV-TANAKPURC MAHENDRANAGAR 132KV-BIHAR - NEP, 132KV-BIHAR	NATIONAL EXCHA Name IL-ALIPI(RDUAR 182 CEIPT (from P180MW) UALIPI(RDUAR 182 CEIPT (from P180MW) INTERPRETATION (A 182 CEIPT (from P180MW) INT 1.2.4 (A 400KV INT 1.2.4 (A 400KV	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 65 43 43 -61 -70 -70	1.4 27.7 Min (MW) 760 0 0 0 0 0 0 52 52 52 36 0 0 0 0 -8 -8	42.2 Avg (MW) 761 1035 1035 337 337 -59 -39 -38 -38 -21	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -0.5
ER BHERAMARA HVDC(BANGLADESH) -938 -925 -932 -22.4	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER	Line dorw Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Wallender down Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Wallender down Mancidecthe Le ALIPURDUAR RE DIWACU ROSE WALLASHNAGU RECHEPT (from CHU 230K CHUKHAS BINAGU LIZEN GEVERT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV Motanga-Rangi 132KV Motanga-Rangi 132KV Motanga-Rangi 132KV Motanga-Rangi 132KV-TANAKPURO MAHENDRANAGAR 132KV-BIHAR - NEP- 132KV-BIHAR - NE	NATIONAL EXCHA Name III.AI.IPIRDUAR I&2 CEIPT (from	80 WR-SR WR-SR NGES Max (MW) 763 1146 1146 364 65 65 43 43 -61 -70 -70 -182	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 0 0 -8 -8	42.2 Avg (MW) 761 1035 1035 337 -59 -39 -39 -38 -21 -68	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -0.5 -1.6
BANGLADESH NER LISEN-SURAJMANI NAGAR -	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER	Line 400K MANCDECHH Le ALIPURDUAR RE MANGDECHH UBEP-4 100K MANCDECHH LE ALIPURDUAR RE MANGDECHH UBEP-4 100K MANCDECHH LE ALIPURDUAR RE MANCDECHH LE ALIPURDUAR RE MANCDECHH MALBASE - BINACU RECEIPT (from TAL- 400K YALA-BINACU RECEIPT (from CHL MALBASE - BINACU RECEIPT (from CHL MALBASE - BIRPAR RECEIPT (from CHL MALBASE - BIRPA	NATIONAL EXCHA Name III.AI.IPIRDUAR I&2 CEIPT (from	80 WR-SR WR-SR NGES Max (MW) 763 1146 1146 364 65 65 43 43 -61 -70 -70 -182	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 0 0 -8 -8	42.2 Avg (MW) 761 1035 1035 337 -59 -39 -39 -38 -21 -68	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -0.5 -1.6
BANGLADESH NER LISEN-SURAJMANI NAGAR -	State BHUTAN BHUTAN NEPAL	Region ER ER ER ER ER ER NER NER NER	Line JONEY MANCEDECHH Le. ALIPURDUAR RE MANGDECHU HEP- JONEY MANCHECHH Le. ALIPURDUAR RE MANGDECHU HEP- JONEY MALA BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from TAL- JONEY TAL-ABINAGU MALBASE - BINAGU RECEIPT (from CHL MALBASE - BINAGU MALBASE - BIN	NATIONAL EXCHA Name U-ALIPERDUAR 182 CEIPT (from 19 180AW) 19 180AW) INITED A (18 20 18 2	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43 -61 -70 -70 -182	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 36 0 -8 -8	42.2 Avg (MW) 761 1035 1035 1035 337 -59 -59 -39 -38 -38 -21 -68	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6
BANGLADESH NER COMILLA(BANGLADESH)-1 85 0 .73 .1.7	State BHUTAN BHUTAN NEPAL	Region	Line dorw MANGDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU HEP 4 DAWN LE BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU 1326W-GEYLEGPHU 132	NATIONAL EXCHA Name ILAILPIRDUAR 182 CEPPT (from PISOMW) ILAILPIRDUAR 182 CEPPT (from PISOMW) ILAILPIRDUAR 182 CEPT (from PISOMW) IRI 12-4 (8-4960)	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 65 65 43 43 43 -61 -70 -70 -182 -182	1.4 27.7 27.7 Min (MW) 760 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	42.2 Avg (MW) 761 1035 1035 337 337 -59 -39 -39 -38 -21 -21 -68 -68	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 -1.4 -1.4 -0.9 -0.9 -0.5 -0.5 -1.6 -1.6 -1.6
BANGLADESH NER	State BHUTAN BHUTAN NEPAL	Region	Line dorw MANGDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU Le ALIPURDUAR RE MANGDECHU HEP 4 down VALOEDECHU HEP 4 DAWN LE BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU 1326W-GEYLEGPHU 132	NATIONAL EXCHA Name ILAILPIRDUAR 182 CEPPT (from PISOMW) ILAILPIRDUAR 182 CEPPT (from PISOMW) ILAILPIRDUAR 182 CEPT (from PISOMW) IRI 12-4 (8-4960)	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 65 65 43 43 43 -61 -70 -70 -182 -182	1.4 27.7 27.7 Min (MW) 760 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	42.2 Avg (MW) 761 1035 1035 337 337 -59 -39 -39 -38 -21 -21 -68 -68	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -1.6
NER COMILLA(BANGLADESH) 85 0 .73 .1.7	State BHUTAN BHUTAN NEPAL NEPAL	Region	Line JONEY MANCEDECHH Le. ALIPURDUAR RE MANGDECHU HEP- JONEY MANCHECH Le. ALIPURDUAR RE MONEY MANCHECH Le. ALIPURDUAR RE MONEY ALA SHOR MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from TAL- JONEY TAL-ABINAGU MALBASE - BINAGU RECEIPT (from CHL MALBASE - BINAGU MALBASE - BI	NATIONAL EXCHA Name U-ALIPIRDUAR 182 CEIPT (from 19 180AW) 19 180AW) 18 11 24 (34 600 K 18 11 24 600 K 18 11 24 (34 600 K 18 11 24 600 K 18 11 24 (34 600 K 18 11 24 60	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 65 43 43 -61 -70 -70 -182 -938	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 36 0 -8 -8 -4 -4 -925	42.2 Avg (MW) 761 1035 1035 337 -59 -39 -39 -38 -38 -21 -68 -68 -932	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -22.4
NER COMILLA(BANGLADESH)-2 84 0 -72 -1.7	State BHUTAN BHUTAN NEPAL NEPAL NEPAL	Region	Line 400K MANGDECHE Lie. ALIPURDUAR RE MANGDECHE HEP-4 MAGNECHE HEP-4 MONT MANGDECHE LIE. ALIPURDUAR RE MANGDECHE HEP-4 MALBASE - BINAGE MALBASE - BINAGE RECEIPT (from TAL- 400K YALA-BINAGE MALBASE - BINAGE RECEIPT (from CHU 230K V CHIKHA-BIR MALBASE - BINAGE	NATIONAL EXCHA Name U-ALIPERDUAE 1&2 CEIPT (from 19 ISOMW) UEALIPERDUAE 1&3 CEIPT (from 19 ISOMW) IRIT 1,2 1,6 4 JOHN IRIT 1,6 1,6 INACIUE IRIT (62 17 JOHN) IRIT 1,6 1,6 INACIUE IRIT (62 17 JOHN) IRIT 1,6 1,6 INACIUE IRIT (62 17 JOHN) IRIT 1,6 1,6 INACIUE IRIT 1,6 INA	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43 -61 -70 -70 -182 -182 -938 -938	1.4 27.7 Min (MW) 760 0 0 0 0 0 0 52 52 52 36 36 36 4 4 4 4 5925 5925 0 0	42.2 Avg (MW) 761 1035 1035 1035 337 -59 -59 -39 -38 -38 -21 -68 -68 -932 -932	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -22.4 -1.7
132KV-SURAJMANI NAGAR - 84 A 73 1-7	State BHUTAN BHUTAN NEPAL NEPAL NEPAL	Region	Line dorw Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Wallender down Mancidecthe Le ALIPURDUAR RE MANGDECHU HEP 4 down Wallender down Mancidecthe down Mancidecthe down Mancidecthe down Malasas: Binardu RECHEPT (from CHU 2360 V CHUKHA) BIN MALBASE: BINARD MALBASE: BINARD MALBASE: BINARD MALBASE: BINARD MALBASE: BINARD 1326V-GEYLEGPHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-Mancidecthe 132kV-Mancidecthe 132kV-Mancidecthe 132kV-Mancidecthe 132kV-Mancidecthe 132kV-BIHAR - NEP. 226kV-MUZAFFARP DC 220kV-MUZAFFARP DC BHERAMARA HVDC BH	NATIONAL EXCHA Name III.ALIPICROUAE I&2 CEIPT (from	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 43 43 -61 -70 -70 -182 -182 -938 -938	1.4 27.7 Min (MW) 760 0 0 0 0 0 0 52 52 52 36 36 36 4 - 4 4 - 4 - 925 925 0 0	42.2 Avg (MW) 761 1035 1035 1035 337 -59 -59 -39 -38 -38 -21 -68 -68 -932 -932	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -22.4 -1.7
	State BHUTAN BHUTAN NEPAL NEPAL NEPAL	Region	Line 400KV MANCDECHH 10. ALIPURDUAR RE MANGDECHU HEP 4 10. ALIPURDUAR RE MANGDECHU HEP 4 MALBASE BINAGU MALBASE BINAGU RECEIPT (from TAL 400KV TALA-BINAGU RECEIPT (from TAL 200K CHIKHA SIR MALBASE BINAGU RECEIPT (from CHU 230K CHIKHA SIR MALBASE BINAGU RECEIPT (from CHU 230K CHIKHA SIR MALBASE BINAGU RECEIPT (from CHU 230K CHIKHA SIR MALBASE BINAGU RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPURC MAHENDRANAGAR 132KV-TANAKPURC MAHENDRANAGAR 132KV-TANAKPURC MAHENDRANAGAR 132KV-BIHAR - NEP. 220KV-MUZAFFARP DC 132KV-BIHAR - NEP. 220KV-MUZAFFARP DC 132KV-SURJIMANI COMILLA(BANGLA) 132KV-SURJIMANI COMILLA(BANGLA) 132KV-SURJIMANI COMILLA(BANGLA) 132KV-SURJIMANI COMILLA(BANGLA) 132KV-SURJIMANI COMILLA(BANGLA) 132KV-SURJIMANI COMILLA(BANGLA)	NATIONAL EXCHA Name IU-ALIPICRUUAE 182 CEIPT (from 19 1800MW) IU-ALIPICRUUAE 182 CEIPT (from 19 1800MW) IRI 1.2.4 (8.4 906 V. IRI	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 65 65 43 43 -61 -70 -70 -182 -182 -938 85	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 36 0 -8 -8 -4 -4 -925 -925 0	42.2 Avg (MW) 761 1035 1035 337 337 -59 -59 -39 -38 -38 -21 -21 -68 -68 -932 -73 -73	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -22.4 -1.7 -1.7
COMILLA(BANGLADESH)-2 04 0 -72 -1.7	State BHUTAN BHUTAN NEPAL NEPAL NEPAL	Region	Line 400KV MANCDECHH 16. ALJPURDUAR RE MANGDECHU HEP 4 16. ALJPURDUAR RE MANGDECHU HEP 4 16. ALJPURDUAR RE MANGDECHU HEP 4 160KV MANDLECHU HEP 4 160KV MAL BASE - BINAGU RECEIPT (from TAL- 160KV TAL-BINAGU RECEIPT (from CHU 220KV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 230KV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 230KV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-BINAGAR 132KV-TANAKPURC MAHENDRANAGAR 132KV-TANAKPURC MAHENDRANAGAR 132KV-BIHAR - NEP, 13	NATIONAL EXCHA Name II-ALIPICROUAE I&2 CEIPT (from	80 WR-SR WR-SR NGES Max (MW) 763 763 1146 1146 364 364 65 65 65 43 43 -61 -70 -70 -182 -182 -938 85 85	1.4 27.7 Min (MW) 760 0 0 0 0 52 52 36 36 0 0 -8 -8 -4 -925 -925 0 0	42.2 Avg (MW) 761 1035 1035 337 -59 -59 -39 -38 -38 -21 -21 -68 -68 -932 -932 -73 -73	-14.5 Energy Exchange (MII) 18.3 18.3 24.9 8.1 8.1 -1.4 -1.4 -0.9 -0.9 -0.9 -0.5 -1.6 -1.6 -22.4 -1.7 -1.7