

## National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 2<sup>nd</sup> May 2021

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
- 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.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु –560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 01.05.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-मई -2021 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 01<sup>st</sup> May 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day Date of Reporting: 02-May-2021

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	48005	46297	38474	21290	2096	156162
Peak Shortage (MW)	213	0	0	0	4	217
Energy Met (MU)	1104	1205	981	443	45	3779
Hydro Gen (MU)	159	41	59	40	10	308
Wind Gen (MU)	21	51	32		-	104
Solar Gen (MU)*	43.98	31.02	97.67	5.08	0.19	178
Energy Shortage (MU)	6.42	0.00	0.00	0.00	0.10	6.52
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	51622	53650	43961	21614	2221	166789
Time Of Maximum Demand Met (From NLDC SCADA)	22:23	14:39	12:35	19:40	18:59	00:01
B. Frequency Profile (%)		•			·	·
D 1	40.=	40 = 40.0	40.0 40.0	40.0	40.0 50.05	=0.0=

Region All India

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the dav(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shorta; (MU)
	Punjab	6861	0	155.9	86.5	-1.0	54	0.00
	Harvana	7308	0	145.1	110.8	-0.6	285	0.00
	Rajasthan	10648	0	217.5	57.2	-1.9	436	0.00
	Delhi	3991	0	79.7	63.4	-0.5	158	0.00
NR	UP	19444	0	384.8	159.9	-3.9	235	0.00
- 122	Uttarakhand	1626	0	36.4	18.4	0.2	167	0.00
	НР	1383	0	27.8	11.2	0.4	185	0.02
	J&K(UT) & Ladakh(UT)	2711	208	52.1	36.4	-0.2	217	6.40
	Chandigarh	220	0	4.8	4.8	0.0	47	0.00
	Chhattisgarh	4059	0	96.6	35.1	-0.1	406	0.00
	Guiarat	17379	0	371.6	119.3	0.1	807	0.00
	MP	10115	0	219.9	132.9	-2.9	520	0.00
WR	Maharashtra	20776	0	470.8	150.1	-3.0	609	0.00
	Goa	463	0	9.9	9.9	-0.3	52	0.00
	DD	271	0	4.9	5.2	-0.3	20	0.00
	DNH	690	0	15.2	15.4	-0.2	47	0.00
	AMNSIL	815	0	16.3	1.2	0.0	266	0.00
	Andhra Pradesh	9275	0	195.1	93.3	0.9	1030	0.00
	Telangana	7658	0	166.5	61.2	-0.7	339	0.00
SR	Karnataka	10016	0	202.5	64.6	-0.6	446	0.00
	Kerala	3452	0	73.6	56.2	-0.5	300	0.00
	Tamil Nadu	14712	0	335.4	228.3	1.0	931	0.00
	Puducherry	392	0	7.9	8.3	-0.4	32	0.00
	Bihar	5565	0	104.5	95.7	0.8	554	0.00
	DVC	2793	0	60.1	-52.3	-1.4	391	0.00
	Jharkhand	1476	0	25.6	21.5	-1.1	156	0.00
ER	Odisha	5140	0	103.4	33.1	0.3	474	0.00
	West Bengal	7840	0	148.7	25.2	-1.5	713	0.00
	Sikkim	58	0	0.8	1.2	-0.4	14	0.00
	Arunachal Pradesh	114	1	2.1	2.2	-0.2	34	0.01
	Assam	1406	0	27.7	24.7	-0.4	190	0.00
	Manipur	168	1	2.3	2.4	-0.1	27	0.01
NER	Meghalaya	319	0	5.3	4.4	0.0	49	0.06
	Mizoram	100	1	1.5	1.5	-0.1	17	0.01
	Nagaland	108	1	2.1	1.9	0.2	25	0.01
	Tripura	303	0	4.4	3.9	0.1	117	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	7.0	-13.5	-25.4
Day Peak (MW)	431.0	-766.3	-1086.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	261.3	-311.2	138.7	-96.8	7.9	0.0
Actual(MU)	256.6	-317.6	148.2	-100.3	7.4	-5.9
O/D/U/D(MU)	-4.7	-6.5	9.5	-3.6	-0.6	-5.9

F. Generation Outage(MW)

r. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5577	14089	7202	843	947	28658	43
State Sector	12615	14037	7905	3835	11	38403	57
Total	18192	28126	15107	4678	958	67061	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	541	1336	515	548	12	2951	76
Lignite	22	10	48	0	0	80	2
Hydro	159	41	59	40	10	308	8
Nuclear	25	28	59	0	0	112	3
Gas, Naptha & Diesel	34	52	11	0	22	118	3
RES (Wind, Solar, Biomass & Others)	87	82	156	5	0	330	8
Total	868	1547	848	592	44	3899	100
			1				 ì
Share of RES in total generation (%)	10.03	5.29	18.38	0.85	0.44	8.47	
Share of Non-fossil fuel (Hydro Nuclear and RES) in total generation(%)	31.28	9.73	32 24	7.58	23.36	19 25	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.038
Rased on State May Demands	1.077

Based on State Max Demands

1,077

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

\*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: | 02-May-2021 |
| Export (MU) | NET (MU) |

							Date of Reporting:	02-May-2021
SI .	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
No Import	t/Export of ER (	With NR)	I					
1		ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
3	HVDC 765 kV	PUSAULI B/B GAYA-VARANASI	- 2	0	249 694	0.0	6.0 12.1	-6.0 -12.1
4	765 kV	SASARAM-FATEHPUR	ĩ	34	254	0.0	3.0	-3.0
5		GAYA-BALIA	1	0	581	0.0	10.8	-10.8
7		PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	0	219 93	0.0	4.5 1.4	-4.5 -1.4
8		MUZAFFARPUR-GORAKHPUR	2	0	503	0.0	7.6	-7.6
9	400 kV	PATNA-BALIA	4	0	1102	0.0	20.3	-20.3
10		BIHARSHARIFF-BALIA	2	0	316	0.0	5.5	-5.5
12		MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0	345 279	0.0	6.1 4.0	-6.1 -4.0
13		PUSAULI-SAHUPURI	- 1	12	123	0.0	1.5	-1.5
14		SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15 16		GARWAH-RIHAND KARMANASA-SAHUPURI	1	20	0	0.6 0.0	0.0	0.6 0.0
17		KARMANASA-CHANDAULI	i	0	0	0.0	0.0	0.0
					ER-NR	0.6	82.7	-82.1
	t/Export of ER (			1426		20.7		20.5
2	765 kV 765 kV	JHARSUGUDA-DHARAMJAIGARH NEW RANCHI-DHARAMJAIGARH	2	1436 1015	236	20.5 13.8	0.0	20.5
3	765 kV	JHARSUGUDA-DURG	2	128	130	0.1	0.0	0.1
4	400 kV	JHARSUGUDA-BURG JHARSUGUDA-RAIGARH	4	168	246	0.0	1.6	-1.6
5		RANCHI-SIPAT	2	267	101	3.0	0.0	3.0
6	220 kV	BUDHIPADAR-RAIGARH	1	0	146	0.0	2.0	-2.0
7		BUDHIPADAR-KORBA	2	150	0	2.2	0.0	2.2
	220 11 1	Debini ibin nonbi	_	150	ER-WR	39.7	3.6	36.1
	t/Export of ER (		·	·				
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	527 1980	0.0	11.3	-11.3
3	HVDC 765 kV	TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2 2	0	1980 2905	0.0	39.8 56.4	-39.8 -56.4
4	400 kV	TALCHER-I/C	2	358	242	3.5	0.0	3.5
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0 ER-SR	0.0	0.0	0.0
Import	t/Export of ER (	With NER)			ER-SR	0.0	107.6	-107.6
1	400 kV	BINAGURI-BONGAIGAON	2	203	71	1.7	0.0	1.7
2	400 kV	ALIPURDUAR-BONGAIGAON	2	339	117	2.2	0.0	2.2
3	220 kV	ALIPURDUAR-SALAKATI	2	41	35 ER-NER	0.0	0.0	0.0
Import	t/Export of NER	(With NR)			EK-NEK	3.9	0.0	3.9
1	HVDC	BISWANATH CHARIALI-AGRA	2	495	0	11.7	0.0	11.7
					NER-NR	11.7	0.0	11.7
1 Import	t/Export of WR ( HVDC	CHAMPA-KURUKSHETRA	2	0	0	0.0	47.2	-47.2
2	HVDC	VINDHYACHAL B/B		Ö	253	0.0	6.0	-6.0
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1921	0.0	41.1	-41.1
4		GWALIOR-AGRA	2	0	2781	0.0	52.4 29.2	-52.4
6		PHAGI-GWALIOR JABALPUR-ORAI	2	0 720	1578 975	0.0	37.5	-29.2 -37.5
7		GWALIOR-ORAI	1	680	0	12.5	0.0	12.5
8		SATNA-ORAI	1	0	1509	0.0	31.6	-31.6
9 10	765 kV 400 kV	CHITORGARH-BANASKANTHA ZERDA-KANKROLI	2	970 237	0	13.8 4.2	0.0	13.8 4.2
11		ZERDA-RANKOLI ZERDA -BHINMAL	i	442	0	6.5	0.0	6.5
12	400 kV	VINDHYACHAL -RIHAND	1	971	0	22.5	0.0	22.5
13		RAPP-SHUJALPUR	2	0	428	0.0	6.8	-6.8
14 15		BHANPURA-RANPUR BHANPURA-MORAK	1	0	108 30	0.0	1.4 1.2	-1.4 -1.2
16		MEHGAON-AURAIYA	1	72	20	0.1	0.4	-0.3
17		MALANPUR-AURAIYA	1	38	44	0.5	0.0	0.4
18 19	132 kV 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 2	0	0	0.0	0.0	0.0
19	132 KV	RAJGHAT-LALITFUR		U	WR-NR	60.0	254.8	-194.8
Import	t/Export of WR (	With SR)						
1	HVDC	BHADRAWATI B/B		0	518	0.0	12.2	-12.2 20.4
3		RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2	0 313	1449 1765	0.0	20.4 21.2	-20.4 -21.2
4	765 kV	WARDHA-NIZAMABAD	2	0	2271	0.0	35.4	-35.4
5		KOLHAPUR-KUDGI	2	449	276	1.6	0.0	1.6
7		KOLHAPUR-CHIKODI PONDA-AMBEWADI	2	0	0	0.0	0.0	0.0
8		XELDEM-AMBEWADI	1	0	116		0.0	0.0
							<u>U.</u> U	1.8
					WR-SR	1.8 3.4	0.0 89.3	1.8 -85.9
			INTER	NATIONAL EXCHA	WR-SR	3.4		-85.9
i	State	Region		NATIONAL EXCHA Name	WR-SR NGES	3.4	89.3	-85.9 Energy Exchange
	State	Region	Line	Name	WR-SR	3.4 Min (MW)		-85.9
	State	Region ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE	Name IU-ALIPURDUAR 1&2 ICEIPT (from	WR-SR NGES	3.4	89.3	-85.9 Energy Exchange
	State		Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP	Name IU-ALIPURDUAR 1&2 CEIPT (from I*180MW)	MR-SR NGES Max (MW)	Min (MW)	Avg (MW)	-85.9 Energy Exchange (MII)
	State	ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP 400kV TALA-BINAG	Name IU-ALIPURDUAR 1&2 CEIPT (from I*180MW) URI 1,2,4 (& 400kV	MR-SR NGES Max (MW)	3.4 Min (MW)	89.3 Avg (MW)	-85.9 Energy Exchange (MU) 4.0
	State		Line 400kV MANGDECHI i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALA	Name  IU-ALIPURDUAR 1&2  CEIPT (from   *180MW)  URI 1,2,4 (& 400kV  RI) i.e. BINAGURI  A HEP (6*170MW)	MR-SR NGES Max (MW)	Min (MW)	Avg (MW)	-85.9 Energy Exchange (MII)
		ER ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA-BINAGU MALBASE - BINAGU MECCEPT (from TAL, 220kV CHUKHA-BIR	Name IU-ALIPURDUAR 1&2 CEIPT (from 1*180MW) URI 1,2,4 (& 400KV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220KV	MR-SR NGES Max (MW) 179 173	3.4 Min (MW) 0 96	89.3 Avg (MW) 166 132	Energy Exchange (MU) 4.0 3.2
I	State	ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 4006V TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL 220kV CHUKHA-BIR MALBASE - BIRPAR	Name IU-ALIPURDUAR 1&2 ICEIPT (from 18180MW) URI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA	MR-SR NGES Max (MW)	3.4 Min (MW)	89.3 Avg (MW)	-85.9 Energy Exchange (MU) 4.0
I		ER ER ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TAL, 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	Name IU-ALIPURDUAR 1&2 IU-ALIPURDUAR 1&2 ICEIPT (from 1º180MW) IWRI 12.4 (& 400kV RI) i.e. BINAGURI A HEP (6º170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4º84MW)	WR-SR NGES Max (MW) 179 173 34	3.4 Min (MW) 0 96	89.3  Avg (MW)  166  132  -7	-85.9 Energy Exchange (MII) 4.0 3.2 -0.2
I		ER ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 4006V TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL 220kV CHUKHA-BIR MALBASE - BIRPAR	Name IU-ALIPURDUAR 1&2 IU-ALIPURDUAR 1&2 ICEIPT (from 1º180MW) IWRI 12.4 (& 400kV RI) i.e. BINAGURI A HEP (6º170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4º84MW)	MR-SR NGES Max (MW) 179 173	3.4 Min (MW) 0 96	89.3 Avg (MW) 166 132	Energy Exchange (MU) 4.0 3.2
I		ER ER ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TAL, 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	Name IU-ALIPURDUAR 1&2 IU-ALIPURDUAR 1&2 ICEIPT (from 1º180MW) IWRI 12.4 (& 400kV RI) i.e. BINAGURI A HEP (6º170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4º84MW)	WR-SR NGES Max (MW) 179 173 34	3.4 Min (MW) 0 96	89.3  Avg (MW)  166  132  -7	-85.9 Energy Exchange (MII) 4.0 3.2 -0.2
I		ER ER ER	Line 400kV MANGDECHE i.e. ALIPURDUAR RE MANGDECHU HEP - 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TAL, 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	Name U-ALIPURDUAR 1&2 CEIPT (from 1 soMW) URI 1,24 (& 400KV RR 1,24 (& 400KV RR 1,24 (& 200KV A) Le. BINAGURI HEP (6*1704VV A) Le. BIRPARA KKHA HEP 4*84MW) - SALAKATI	WR-SR NGES Max (MW) 179 173 34	3.4 Min (MW) 0 96	89.3  Avg (MW)  166  132  -7	-85.9 Energy Exchange (MII) 4.0 3.2 -0.2
I		ER ER ER NER	Line 400kV MANGDECHI i.e. ALIPURDUAR RR MANGDECHIU HEP 400kV TALA BINAC MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MA	Name  IU-ALIPURDUAR 182 CEHPT (from 18 180MW)  IWI 11.24 (k 400kV RD i.e. BINACURI LBEP (6*120MW) PARA 182 (k 220kV 4) I.e. BIPARA LKIA HEP 4*34MW)  - SALAKATI ia	MR-SR   Max (MW)   179   173   34   28	3,4 Min (MW) 0 96 0 12	89.3  Avg (MW)  166  132  -7  -13	-85.9  Energy Exchange (MU) 4.0 3.2 -0.2
I		ER ER ER NER	Line 400KY MANGDECHH 400KY MANGDECHU HEP- 400KY TALA-BINAGI MALBASE - BINAGU RECEIPT (from TAL- 220KY CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV Motanga-Rang 132KV-TANAKPUR(i)	Name  U-ALIPURDUAR 1&2 CEIPT (from  18 180MW) IRI 1,2,4 (& 4000V RRI 1,2,4 (& 4000V RRI 1,2,4 (& 4000V A) i.e. BINAGURI HEP (6*1700MW) A) i.e. BIRPARA KHA HEP 4*84MW) - SALAKATI  a	MR-SR   Max (MW)   179   173   34   28	3,4 Min (MW) 0 96 0 12	89.3  Avg (MW)  166  132  -7  -13	-85.9  Energy Exchange (MU) 4.0 3.2 -0.2
I		ER ER ER NER	Line 400kV MANGDECHH ke ALIPURDUAR RE MANGDECHH HEP- 400kV TALA-BINAGI MALBASE - BINAGI RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR(i MAHENDRANAGAR	Name  U-ALIPURDUAR 1&2 CEIPT (from  18 180MW) IRI 1,2,4 (& 4000V RRI 1	WR-SR   Max (MW)   179   173   34   28   18	3.4 Min (MW) 0 96 0 12	89.3  Avg (MW)  166  132  -7  -13	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2
I		ER ER ER NER NER	Line 400KV MANGDECHI i.e. ALIPURDUAR RR MANGDECHU HEP 400KV TALA BINACI MALBASE - BINAGI MALBASE - BINAGI 120KV CHUKHA-BIR HALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV Motanga-Rang 132KV-TANAKPUR 400KV-MUZAFFARF	Name  U-ALIPURDUAR 1&2 CEIPT (from  18 180MW) IRI 1,2,4 (& 4000V RRI 1	MR-SR   Max (MW)   179   173   34   28   18   -76	3,4 Min (MW)  0  96  0  12  0  0	89.3  Avg (MW)  166  132  -7  -13  10  -68	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6
I		ER ER ER NER	Line 400kV MANGDECHH ke ALIPURDUAR RE MANGDECHH HEP- 400kV TALA-BINAGI MALBASE - BINAGI RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR(i MAHENDRANAGAR	Name  U-ALIPURDUAR 1&2 CEIPT (from  18 180MW) IRI 1,2,4 (& 4000V RRI 1	WR-SR   Max (MW)   179   173   34   28   18	3.4 Min (MW) 0 96 0 12	89.3  Avg (MW)  166  132  -7  -13	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2
	BHUTAN	ER ER ER NER NER NER ER	Line 400kV MANGDECHI Le ALIPURDIAR RE MANGDECHU HEP- 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI 220kV CHUKHA-BIR RECEIPT (from TAL- 132kV-GEYLEGPHL 132kV-Motanga-Rang 132kV-TANAKPUR MAHENDRANAGAR 400kV-MUZAFFARP	Name  U-ALIPURDUAR 1&2 CEIPT (from 15 180MW) 15 180MW) 15 180MW 16 11.24 (4 400 KV RD i.e. BINAGURI MEP (6+10 MW) PARA 1&2 (& 220 KV A) i.e. BIRPAG KHA HEP 4*84MW) - SALAKATI  a NH) - (PG)  UR - DHALKEBAR	WR-SR   WR-SR   Max (MW)   179   173   34   28   18   -76   -367	3.4  Min (MW)  0  96  0  12  0  -192	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300	-85.9  Energy Exchange (MIT) 4.0 3.2 -0.2 -0.3 0.2 -1.6
		ER ER ER NER NER	Line 400KV MANGDECHI i.e. ALIPURDUAR RR MANGDECHU HEP 400KV TALA BINACI MALBASE - BINAGI MALBASE - BINAGI 120KV CHUKHA-BIR HALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV Motanga-Rang 132KV-TANAKPUR 400KV-MUZAFFARF	Name  U-ALIPURDUAR 1&2 CEIPT (from 15 180MW) 15 180MW) 15 180MW 16 11.24 (4 400 KV RD i.e. BINAGURI MEP (6+10 MW) PARA 1&2 (& 220 KV A) i.e. BIRPAG KHA HEP 4*84MW) - SALAKATI  a NH) - (PG)  UR - DHALKEBAR	MR-SR   Max (MW)   179   173   34   28   18   -76	3,4 Min (MW)  0  96  0  12  0  0	89.3  Avg (MW)  166  132  -7  -13  10  -68	-85.9  Energy Exchange (MII)  4.0  3.2  -0.2  -0.3  0.2  -1.6
	BHUTAN	ER ER ER NER NER NER ER	Line 400kV MANGDECHE ie. ALIPURDUAR RE KANGDECHE HEP- MOKV TALA BRAG' MALBASE - BINAGU RECEPT (from TAL- 220kV CHKHA-BIR MALBASE - BIRPAR 132kV-GEYLEGPHU 132kV-TANARPUR(MALBASE) MAHENDRANAGAR 400KV-MUZAFFARP DC 132KV-BIHAR - NEP.	Name  U-ALIPURDUAR 182  CEEPT (from 15 80MW)  15 100MW)  15 100MW  16 11 12 A1(8 4000V  RI) 1.e. BINAGURI  HEP (6-170MW)  ARA 182 (8 2200V  A) 1.e. BIRPARA  KIHA HEP 4*84MW)  - SALAKATI  ia  NH) -  (PG)  UR - DHALKEBAR	MR-SR   Max (MW)   179   173   34   28   18   -76   -367   -323   -323   -323   -323   -324   -325	3,4  Min (MW)  96  0  12  0  -192	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300  -193	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6 -7.2 -4.6
	BHUTAN	ER ER ER NER NER NER ER	Line 400kV MANGDECHI Le ALIPURDIAR RE MANGDECHU HEP- 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI 220kV CHUKHA-BIR RECEIPT (from TAL- 132kV-GEYLEGPHL 132kV-Motanga-Rang 132kV-TANAKPUR MAHENDRANAGAR 400kV-MUZAFFARP	Name  U-ALIPURDUAR 182  CEEPT (from 15 80MW)  15 100MW)  15 100MW  16 11 12 A1(8 4000V  RI) 1.e. BINAGURI  HEP (6-170MW)  ARA 182 (8 2200V  A) 1.e. BIRPARA  KIHA HEP 4*84MW)  - SALAKATI  ia  NH) -  (PG)  UR - DHALKEBAR	WR-SR   WR-SR   Max (MW)   179   173   34   28   18   -76   -367	3.4  Min (MW)  0  96  0  12  0  -192	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300	-85.9  Energy Exchange (MIT) 4.0 3.2 -0.2 -0.3 0.2 -1.6
	BHUTAN	ER ER ER NER NER NER ER	Line 400KV MANGDECHI i.e. ALIPURDUAR RR MANGDECHU HEP 400KV TALA BINACI MALBASE - BINAGI MALBASE - BINAGI 120KV CHUKHA-BR RECEIPT (from TAL 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHEADRANAGAR 400KV-MUZAFFARF DC 132KV-BIHAR - NEP. BHERAMARA HVDG	Name  IU-ALIPURDUAR 182 CEIPT (from  18 180MW)  IMI 12.4 (x 400kV  RD i.e. BINAGURI  LBP (6*120MW)  PARA 182 (x 220kV  A) i.e. BIRPAS  KHA HEP 4*84MW)  - SALAKATI  ia  NH) -  (PG)  UR - DHALKEBAR  AL  ((BANGLADESH)	MR-SR   Max (MW)   179   173   34   28   18   -76   -367   -323   -323   -323   -323   -324   -325	3,4  Min (MW)  96  0  12  0  -192	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300  -193	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6 -7.2 -4.6
	BHUTAN	ER ER ER NER NER NER ER	Line 400kV MANGDECHE Le. ALIPURDUAR RE MANGDECHU HEP- 400kV TALA-BINAGI RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRAGI MAHENDRANAGAR 400kV-TANAKPUR(MAHENDRANAGAR 400kV-MUZAFFARP DC  132kV-BIHAR - NEP. BHERAMARA HVDG  132kV-SURAJMANI	Name  U-ALIPURDUAR 1&2 CEIPT (from 1 180MW) PRI 1,24 (& 4606V RRI 1,24 (& 4606V RRI 1,24 (& 4206V RRI	MR-SR   Max (MW)   179   173   34   28   18   -76   -367   -323   -323   -323   -323   -324   -325	3,4  Min (MW)  96  0  12  0  -192	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300  -193	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6 -7.2 -4.6
	BHUTAN	ER ER ER NER NER NER ER ER ER	Line 400KV MANGDECHI i.e. ALIPURDUAR RR MANGDECHU HEP 400KV TALA BINACI MALBASE - BINAGI MALBASE - BINAGI 120KV CHUKHA-BR RECEIPT (from TAL 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHEADRANAGAR 400KV-MUZAFFARF DC 132KV-BIHAR - NEP. BHERAMARA HVDG	Name  U-ALIPURDUAR 1&2 CEIPT (from 1 180MW) PRI 1,24 (& 4606V RRI 1,24 (& 4606V RRI 1,24 (& 4206V RRI	WR-SR  Max (MW)  179  173  34  28  18  -76  -367  -323  -938	3.4  Min (MW)  0  96  0  12  0  -192  -97  -933	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300  -193	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6 -7.2 -4.6 -22.4
	BHUTAN	ER ER ER NER NER NER ER ER ER	Line 400kV MANGDECHE Le. ALIPURDUAR RE MANGDECHU HEP- 400kV TALA-BINAGI RECEIPT (from TAL- 220kV CHUKHA-BIR MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRAGI MAHENDRANAGAR 400kV-TANAKPUR(MAHENDRANAGAR 400kV-MUZAFFARP DC  132kV-BIHAR - NEP. BHERAMARA HVDG  132kV-SURAJMANI	Name  IU-ALIPURDUAR 182 CEIPT (from  18 180MW)  IMI 12.4 (4 400kV  RD i.e. BINAGURI  LB PG (4 200MW)  PARA 182 (8 220kV  A) i.e. BIRPARA  KHA HEP 4*84MW)  - SALAKATI  ia  SHI -  (PG)  UR - DHALKEBAR  AL  ((BANGLADESH)  NAGAR -  DESH)-1  NAGAR -	WR-SR  Max (MW)  179  173  34  28  18  -76  -367  -323  -938	3.4  Min (MW)  0  96  0  12  0  -192  -97  -933	89.3  Avg (MW)  166  132  -7  -13  10  -68  -300  -193	-85.9  Energy Exchange (MII) 4.0 3.2 -0.2 -0.3 0.2 -1.6 -7.2 -4.6 -22.4