

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

दिनांक: 23rd Dec 2020

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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 22.12.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22–दिसम्बर -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 22st December 2020, 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: 23-Dec-2020

23-Dec-2020

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	51560	52031	39454	18390	2520	163955
Peak Shortage (MW)	931	0	0	163	40	1134
Energy Met (MU)	1043	1221	907	362	43	3575
Hydro Gen (MU)	110	51	73	37	12	282
Wind Gen (MU)	9	35	40		-	84
Solar Gen (MU)*	33.70	31.34	92.00	4.64	0.03	162
Energy Shortage (MU)	13.62	0.00	0.00	0.49	1.04	15.15
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	55216	60435	44438	18489	2693	177123
Time Of Maximum Demand Met (From NLDC SCADA)	10:14	10:30	10:56	18:37	17:31	10:27

B. Frequency F	rome (%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.035	0.00	0.00	6.64	6.64	76.92	16.44

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		day(MW)	Demand(MW)	` ′	(MU)	` ′	` '	(MU)
	Punjab	6675	0	128.4	68.8	-2.1	20	0.00
	Haryana	6673	0	137.1	99.3	0.8	151	0.00
	Rajasthan	13725	130	256.5	95.3	2.4	627	2.27
	Delhi	4222	0	70.1	52.1	-0.1	274	0.00
NR	UP	17908	0	317.6	106.2	-0.2	354	0.15
	Uttarakhand	2266	0	42.1	25.9	0.7	228	0.00
	HP	1779	0	32.7	26.8	0.0	338	0.00
	J&K(UT) & Ladakh(UT)	2791	550	54.7	49.9	0.1	378	11.20
	Chandigarh	246	0	4.0	3.9	0.1	22	0.00
	Chhattisgarh	4010	0	85.4	31.8	0.1	355	0.00
	Gujarat	16363	0	340.1	67.8	5.8	919	0.00
	MP	15113	0	290.2	176.5	-2.4	576	0.00
WR	Maharashtra	22729	0	450.8	154.3	0.6	1358	0.00
	Goa	495	0	9.9	9.9	-0.1	60	0.00
	DD	335	0	7.5	7.3	0.2	28	0.00
	DNH	791	0	18.1	18.2	-0.1	45	0.00
	AMNSIL	827	0	18.7	9.4	-9.4	297	0.00
	Andhra Pradesh	8380	0	161.6	84.4	-0.6	373	0.00
	Telangana	10226	0	192.5	71.3	-0.4	646	0.00
SR	Karnataka	11157	0	206.1	73.2	0.1	448	0.00
	Kerala	3605	0	70.2	53.0	0.6	283	0.00
	Tamil Nadu	13288	0	270.2	170.3	-0.6	493	0.00
	Puducherry	331	0	6.6	6.8	-0.1	63	0.00
	Bihar	4994	0	85.6	85.2	-1.2	305	0.00
	DVC	3076	0	64.8	-37.3	-0.8	253	0.00
	Jharkhand	1430	0	26.2	20.2	-1.1	79	0.49
ER	Odisha	4407	0	69.2	-1.2	-0.2	264	0.00
	West Bengal	6220	0	114.1	5.0	-0.6	454	0.00
	Sikkim	146	0	2.4	1.9	0.5	43	0.00
	Arunachal Pradesh	119	1	2.2	2.2	-0.1	17	0.01
	Assam	1438	23	22.9	19.3	0.3	118	0.99
	Manipur	243	2	3.1	3.5	-0.4	57	0.01
NER	Meghalaya	396	0	6.9	4.2	0.0	44	0.00
- 12-22	Mizoram	106	1	1.7	1.5	-0.2	20	0.01
	Nagaland	143	2	2.3	2.3	-0.1	13	0.02
	Tripura	272	0	3.4	3.2	-0.1	97	0.00

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

	Bnutan	Nepai	Bangiadesn
Actual (MU)	7.5	-9.4	-14.8
Day Peak (MW)	350.0	-561.8	-908.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	290.9	-302.1	131.7	-122.1	1.6	0.0
Actual(MU)	278.4	-291.9	121.0	-120.3	2.4	-10.3
O/D/U/D(MU)	-12.5	10.2	-10.7	1.8	0.9	-10.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6956	11829	8752	2440	572	30550
State Sector	10246	15811	12046	4432	112	42646
Total	17202	27640	20798	6872	684	73196

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	524	1352	447	471	7	2802
Lignite	20	12	33	0	0	65
Hydro	110	51	73	37	12	282
Nuclear	28	28	59	0	0	115
Gas, Naptha & Diesel	27	35	12	0	25	99
RES (Wind, Solar, Biomass & Others)	73	68	167	5	0	313
Total	781	1547	790	512	45	3675
Share of RES in total generation (%)	9.32	4.41	21.17	0.91	0.07	8.52
Share of Non-fossil fuel (Hydro Nuclear and RES) in total generation(%)	26.04	0.52	37.83	8.04	27.75	10 33

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.023
Based on State Max Demands	1.156

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: 23-Dec-2020

			1	1			Date of Reporting:	23-Dec-2020
SI No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import	t/Export of ER (With NR)	I	ı	l		I	
1 2	HVDC HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
3		PUSAULI B/B GAYA-VARANASI	2	0	251 878	0.0	6.0 11.3	-6.0 -11.3
4	765 kV	SASARAM-FATEHPUR	ī	33	295	0.0	3.0	-3.0
5		GAYA-BALIA PUSAULI-VARANASI	1	0	792 189	0.0	11.7	-11.7
7		PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	0	189 123	0.0	3.9 2.2	-3.9 -2.2
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	Ů	826	0.0	10.0	-10.0
9	400 kV	PATNA-BALIA	4	0	1436	0.0	22.1	-22.1
10 11	400 kV 400 kV	BIHARSHARIFF-BALIA MOTIHARI-GORAKHPUR	2	0	419 333	0.0	6.6 5.3	-6.6 -5.3
12		BIHARSHARIFF-VARANASI	2	17	366	0.0	3.2	-3.2
13	220 kV	PUSAULI-SAHUPURI	1	69	50	0.2	0.0	0.2
14 15	132 kV 132 kV	SONE NAGAR-RIHAND GARWAH-RIHAND	1	0 20	0	0.0	0.0	0.0
16	132 kV	KARMANASA-SAHUPURI	i	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	Ī.	0	0	0.0	0.0	0.0
Import	t/Export of ER (With WR)			ER-NR	0.6	85.3	-84.7
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	782	613	4.6	0.0	4.6
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	886	0	11.8	0.0	11.8
3	765 kV	JHARSUGUDA-DURG	2	108	351	0.0	3.6	-3.6
4	400 kV	JHARSUGUDA-RAIGARH	4	76	397	0.0	4.0	-4.0
5	400 kV	RANCHI-SIPAT	2	246	39	3.0	0.0	3.0
6	220 kV	BUDHIPADAR-RAIGARH	1	3	115	0.0	1.4	-1.4
7	220 kV	BUDHIPADAR-KORBA	2	75	73	0.0	0.2	-0.2
T	t/E	Wat CD)			ER-WR	19.5	9.2	10.3
Import 1	t/Export of ER (' HVDC	With SR) JEYPORE-GAZUWAKA B/B	2	0	478	0.0	11.1	-11.1
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1989	0.0	44.7	-11.1 -44.7
3	765 kV	ANGUL-SRIKAKULAM	2	14306	2561	0.0	45.8	-45.8
5		827 BALIMELA-UPPER-SILERRU	2	265	638	0.0	3.6	-3.6
3	220 kV	DALIMELA-OFFER-SILERKU			ER-SR	0.0	0.0 101.6	0.0 -101.6
	t/Export of ER (
1		BINAGURI-BONGAIGAON	2	210	16	3.2	0.0	3.2
3	400 kV 220 kV	ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	333 53	7 16	4.7 0.5	0.0 0.0	4.7 0.5
				33	ER-NER	8.5	0.0	8.5
	t/Export of NER	(With NR)	· · · · · · · · · · · · · · · · · · ·					
1	HVDC	BISWANATH CHARIALI-AGRA	2	492	0 NER-NR	11.6 11.6	0.0 0.0	11.6 11.6
Import	t/Export of WR	(With NR)			NEK-IK	11.0	0.0	11.0
1	HVDC	CHAMPA-KURUKSHETRA	2	0	2001	0.0	48.7	-48.7
2	HVDC	VINDHYACHAL B/B	:	49	252	0.8	2.2	-1.4
4	HVDC 765 kV	MUNDRA-MOHINDERGARH GWALIOR-AGRA	2	0	1925 2830	0.0	40.7 50.9	-40.7 -50.9
5		PHAGI-GWALIOR	2	Ŏ	1660	0.0	25.6	-25.6
6	765 kV	JABALPUR-ORAI	2	0	1087	0.0	39.6	-39.6
8	765 kV 765 kV	GWALIOR-ORAI SATNA-ORAI	1	730	0 1428	13.2 0.0	0.0 29.9	13.2 -29.9
9	765 kV	CHITORGARH-BANASKANTHA	2	46	592	0.0	4.8	-4.8
10	400 kV	ZERDA-KANKROLI	1	92	136	0.0	0.4	-0.4
11	400 kV	ZERDA -BHINMAL	1	99	383	0.0	3.5	-3.5
12	400 kV 400 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 2	977 0	0 554	22.6 0.0	0.0 6.5	22.6 -6.5
14	220 kV	BHANPURA-RANPUR	ī	Ō	167	0.0	2.1	-2.1
15	220 kV	BHANPURA-MORAK	1	11	0	0.1	1.0	-0.8
16 17	220 kV 220 kV	MEHGAON-AURAIYA MALANPUR-AURAIYA	1	108 59	0 21	0.4 1.4	0.0	0.4 1.4
18	132 kV	GWALIOR-SAWAI MADHOPUR	î	0	0	0.0	0.0	0.0
19	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
Import	t/Export of WR	(With SR)			WR-NR	38.6	255.8	-217.2
1		BHADRAWATI B/B	-	0	1016	0.0	18.3	-18.3
2	HVDC	RAIGARH-PUGALUR	2	0	1490	0.0	11.2	-11.2
3	765 kV	SOLAPUR-RAICHUR WARDHA-NIZAMARAD	2	1237 212	2120			
5	765 kV 400 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2	212		0.0	23.3	-23.3 -30.2
6	220 kV			1421	2419 0	0.0 0.1 18.0	23.3 30.2 0.0	-23.3 -30.2 18.0
8		KOLHAPUR-CHIKODI	2	1421 0	2419 0 0	0.1 18.0 0.0	30.2 0.0 0.0	-30,2 18.0 0.0
	220 kV	PONDA-AMBEWADI	2 1	1421	2419 0 0 0	0.1 18.0 0.0 0.0	30.2 0.0 0.0 0.0	-30.2 18.0 0.0 0.0
			2 1 1	1421 0	2419 0 0	0.1 18.0 0.0	30.2 0.0 0.0	-30,2 18.0 0.0
		PONDA-AMBEWADI	2 1 1	1421 0	2419 0 0 0 0 45 WR-SR	0.1 18.0 0.0 0.0 0.7	30.2 0.0 0.0 0.0 0.0	-30.2 18.0 0.0 0.0 0.7
<u> </u>	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 INTER	1421 0 1 1 1 2NATIONAL EXCHA	2419 0 0 0 0 45 WR-SR	0.1 18.0 0.0 0.0 0.7 18.8	30,2 0,0 0,0 0,0 0,0 0,0 83,1	-30,2 18.0 0.0 0.0 0.7 -64.3
		PONDA-AMBEWADI	2 1 1 INTER	1421 0 1 1 1 2NATIONAL EXCHA Name	2419 0 0 0 45 WR-SR NGES	0.1 18.0 0.0 0.0 0.7	30.2 0.0 0.0 0.0 0.0	-30.2 18.0 0.0 0.0 0.7 -64.3
	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 1 1 1 INTER Line 400kV MANGDECHI	1421 0 1 1 1 NATIONAL EXCHA Name	2419 0 0 0 45 WR-SR NGES	0.1 18.0 0.0 0.0 0.7 18.8	30.2 0.0 0.0 0.0 0.0 0.0 83.1	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU)
	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RI MANGDECHU HEP	1421 0 1 1 1 2NATIONAL EXCHA Name HU-ALIPURDUAR 1&2 CCEIPT (from	2419 0 0 0 45 WR-SR NGES	0.1 18.0 0.0 0.0 0.7 18.8	30,2 0,0 0,0 0,0 0,0 0,0 83,1	-30.2 18.0 0.0 0.0 0.7 -64.3
	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RI MANGDECHU HEP 400kV TAL-BINAG	1421 0 1 1 1 NATIONAL EXCHA Name HU-ALIPURDUAR 1&2 ECEIPT (from 4*180MW) URI 1,2,4 (& 400kV	2419 0 0 0 45 WR-SR NGES Max (MW)	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW)	30,2 0.0 0.0 0.0 0.0 0.0 83.1 Avg (MW)	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU)
	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 1 1 1 INTER Line 400KV MANGDUAR HI MANGDECH HE MANGDECH HEP 400KV TALA BINAG MALBASE - BINAGI	1421 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2419 0 0 0 45 WR-SR NGES	0.1 18.0 0.0 0.0 0.7 18.8	30.2 0.0 0.0 0.0 0.0 0.0 83.1	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU)
	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RI MANGDECHI HEP 400kV TALA. BINAG MALBASE - BINAGU RECEIFT (from TAL	1421 0 1 1 1 INATIONAL EXCHA Name HU-ALIPURDUAR 1&2 CCEIPT (from 4180MW) URI 1,2,4 (& 400kV URI 1,2,4 (& 400kV URI 1,2,7 (& 400kV PARA 1&2 (& 220kV	2419 0 0 0 45 WR-SR NGES Max (MW) 140	0.1 18.0 9.0 0.0 0.7 18.8 Min (MW)	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW)	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3
I	220 kV	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 1 1 1 INTER Line 400KV MANGDECHI i.e. ALIPURDUAR RI MANGDECHI HEP 400KV TALA-BINAG MALBASE - BINAG MALBASE - BIRYAR MALBASE - BIRYAR MALBASE - BIRYAR MALBASE - BIRYAR	1421 0 1 1 1 INATIONAL EXCHA Name UCALIPURDUAR 182 ECEIPT (from 44180MW) URI 1,2,4 fx 400kV URI 1,2,4 fx 400kV PARA 1,4 EX (82 220kV	2419 0 0 0 45 WR-SR NGES Max (MW)	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW)	30,2 0.0 0.0 0.0 0.0 0.0 83.1 Avg (MW)	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU)
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 1 1 INTER Line 400kV MANGDECHI i.e. ALIPURDUAR RI MANGDECHI HEP 400kV TALA. BINAG MALBASE - BINAGU RECEIFT (from TAL	1421 0 1 1 1 INATIONAL EXCHA Name UCALIPURDUAR 182 ECEIPT (from 44180MW) URI 1,2,4 fx 400kV URI 1,2,4 fx 400kV PARA 1,4 EX (82 220kV	2419 0 0 0 45 WR-SR NGES Max (MW) 140	0.1 18.0 9.0 0.0 0.7 18.8 Min (MW)	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW)	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 1 1 1 INTER Line 400KV MANGDECHI i.e. ALIPURDUAR RI MANGDECHI HEP 400KV TALA-BINAG MALBASE - BINAG MALBASE - BIRYAR MALBASE - BIRYAR MALBASE - BIRYAR MALBASE - BIRYAR	1421 0 1 1 1 INATIONAL EXCHA Name UCALIPURDUAR 182 ECEIPT (from 44180MW) RI) Le, 14400kV RI) Le, BINAGURI A HEP (6*10MW) PARA 182 (8 220kV	2419 0 0 0 45 WR-SR NGES Max (MW) 140	0.1 18.0 9.0 0.0 0.7 18.8 Min (MW)	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW)	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3
1	State	PONDA-AMBEWADI Region ER ER ER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1421 0 1 1 1 INATIONAL EXCHA Name UCALIPURDUAR 182 ECEIPT (from 44180MW) RIP Le, BINAGURI A HEP (6*10MW) PARA 182 (8 220RV A) Le, BIRPARA KHA HEP 4*84MW)	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0	30,2 0,0 0,0 0,0 0,0 9,0 83,1 Avg (MW) 135	-30,2 18,0 0.0 0.0 0.7 -64,3 Energy Exchange (MU) 3.3
I	State	PONDA-AMBEWADI Region ER ER ER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1421 0 1 1 INATIONAL EXCHA Name HU-ALIPURDUAR I&2 CCEIPT (from 4*180MW) URI 12,4 (& 400kV) URI 12,4 (& 400kV) PARA 182 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) J- SALAKATI	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0	30,2 0,0 0,0 0,0 0,0 9,0 83,1 Avg (MW) 135	-30,2 18,0 0.0 0.0 0.7 -64,3 Energy Exchange (MU) 3.3
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 INTER Line 400KV MANGDECHI Le. ALIPURDUAR RI MANGBECHU HEP 400KV TALA-BINAG RECEIPT (from TAL 220KV CHUKHA-BIR MALBASE - BIRPAG MALBASE - BI	1421 0 1 1 INATIONAL EXCHA Name HU-ALIPURDUAR I&2 CCEIPT (from 4*180MW) URI 12,4 (& 400kV) URI 12,4 (& 400kV) PARA 182 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) J- SALAKATI	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 1 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGH RECEIPT (from TAL 20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132kV Motanga-Rang 132KV-TANAKPUR(1421 0 1 1 1 INATIONAL EXCHA Name U-ALIPURDUAR 182 CCEIPT (from 49*180MW) URI 12,4 (8 400RV) J - SALAKATI jia	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 1 1 1 INTER Line 400KY MANGDECHI Le ALIPURDIAR RI MANGDECHI HEP 400KY TAL A.BINAG MALBASE - BINAGI RECEIPT (From TAL 220KY CHUKHA-BIR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV Motanga-Rang	1421 0 1 1 1 INATIONAL EXCHA Name U-ALIPURDUAR 182 CCEIPT (from 49*180MW) URI 12,4 (8 400RV) J - SALAKATI jia	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15	-30,2 18,0 0.0 0.0 0.7 -64,3 Energy Exchange (MU) 3.3 3.9 0.4
1	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 1 1 1 INTER Line 400KV MANGDECHI Le ALIPUDIAR RI MANGDECHI HEP 400KY TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL 132KV-GEYLEGPHI 132KV Motanga-Rang 132KV-TANAKPUR MAHEADRANAGAA 400KV-MUZAFFARI	1421 0 1 1 1 1 INATIONAL EXCHA Name UPALIPURDUAR 182 SCEIPT (from 49*180MW) URI 12,4 (8 400RV) URI 12,4 (8 4	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3
I	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 1 1 1 1 INTER Line 400kV MANGDECHI Le ALIPURDUAR MANGDECHU HEP 400kV TALA-BINAG RECEIPT (from TAL 20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV Motanga-Rang 132KV-TANAKPUR(MAHENDRANAGAE	1421 0 1 1 1 1 INATIONAL EXCHA Name UPALIPURDUAR 182 SCEIPT (from 49*180MW) URI 12,4 (8 400RV) URI 12,4 (8 4	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15	30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4
	State State BHUTAN	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I 1421 0 1 II INATIONAL EXCHA Name HC-ALIPURDUAR 182 CCEIPT (from 44*180MW) URI 12.4 (& 400KW) URI 12.4 (& 400KW) URI 12.4 (& 400KW) A HEP 16*170MW) PARA 182 (& 220KW A) Le. BIRPARA KHA HEP 4*84MW) J - SALAKATI jia NH) - R(PG)	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13 0 -255	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0	30.2 18.0 0.0 0.0 0.0 0.0 0.7 -44.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -40.1 -1.3 -5.7
	State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 1 1 1 INTER Line 400KV MANGDECHI Le ALIPUDIAR RI MANGDECHI HEP 400KY TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL 132KV-GEYLEGPHI 132KV Motanga-Rang 132KV-TANAKPUR MAHEADRANAGAA 400KV-MUZAFFARI	I 1421 0 1 II INATIONAL EXCHA Name HC-ALIPURDUAR 182 CCEIPT (from 44*180MW) URI 12.4 (& 400KW) URI 12.4 (& 400KW) URI 12.4 (& 400KW) A HEP 16*170MW) PARA 182 (& 220KW A) Le. BIRPARA KHA HEP 4*84MW) J - SALAKATI jia NH) - R(PG)	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3
	State State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER NER ER ER	2 INTER Line 400KV MANGDECHI i.e. ALIPURDUAR RI MANGDECHI HEP 400KV YALA BINAG MALBASE - BINAGI RECEIPT (from TAL 220KV CHIKHA-BIR MALBASE - BIRPAR 132KV-GEYLEGPHU 132KV-TANAKPUR 132KV-TANAKPUR MAHENDRANAGAR 400KV-MUZAFFARI DC 132KV-BIHAR - NEP	1421 0 1 1 1 INATIONAL EXCHA Name HU-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) URI 1.2,4 (& 400kV URI 1.2,4 (& 400kV IRI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV IA) i.e. BIRPARA KHA HEP 4*84MW) J - SALAKATI ia NH) - CPG CPG CPG CPG CPG AL	2419 0 0 0 45 WR-SR NGES Max (MW) 140 22 -13 0 -255	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4 7 0 -178	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -0.1 -1.3 -5.7
	State State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1421 0 1 1 1 INATIONAL EXCHA Name HU-ALIPURDUAR 1&2 CCEIPT (from 4*180MW) URI 1.2,4 (& 400kV URI 1.2,4 (& 400kV IRI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV IA) i.e. BIRPARA KHA HEP 4*84MW) J - SALAKATI ia NH) - CPG CPG CPG CPG CPG AL	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13 0 -255	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4	30,2 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0	30.2 18.0 0.0 0.0 0.0 0.0 0.7 -44.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -40.1 -1.3 -5.7
	State State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER NER ER ER	2 1 1 1 INTER Line 400KV MANGDECHI Le ALIPURDIAR RI MANGDECHI HEP 400KV TAL A.BINAG MALBASE - BINAGI MALBASE - BINAGI 1250KV CHUKHA-BIR RECEIPT (from TAL 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHEADRAPAGAF 400KV-MUZAFFARI DC 132KV-BIHAR - NEP	1421 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2419 0 0 0 45 WR-SR NGES Max (MW) 140 22 -13 0 -255	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4 7 0 -178	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0	-30.2 18.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -0.1 -1.3 -5.7
	State State	PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER NER ER ER	2 1 1 1 1 INTER Line 400EV MANGDECHI HANGDECHU HEP 400EV TALA-BINAG MALBASE - BINAGH MALBASE - BINAGH MALBASE - BINAGH MALBASE - BIRPAR 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHENDRANAGAF MAHENDRANAGAF DC 132KV-BIHAR - NEP BHERAMARA HVD 132KV-SURAJMANI	I 1421 0 1 1 INATIONAL EXCHA Name IU-ALIPURDUAR I 82 SCEIPT (from 49180MW) URI 12,4 (8 400RV) J SALAKATI J SALAKATI J SALAKATI J SALAKATI J SALAKATI CUB ANGLADESH AL CUB ANGLADESH NAGAR -	2419 0 0 0 45 WR-SR NGES Max (MW) 140 22 -13 0 -255	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4 7 0 -178	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0	-30.2 18.0 0.0 0.0 0.0 0.7 -64.3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -0.1 -1.3 -5.7
	State State BHUTAN NEPAL	PONDA-AMBEWADI Region ER ER ER NER NER NER ER ER ER	2 1 1 1 INTER Line 400KV MANGDECHI Le ALIPURDIAR RI MANGDECHI HEP 400KV TAL A.BINAG MALBASE - BINAGI MALBASE - BINAGI 1250KV CHUKHA-BIR RECEIPT (from TAL 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHEADRAPAGAF 400KV-MUZAFFARI DC 132KV-BIHAR - NEP	I 1421 0 1 1 INATIONAL EXCHA Name IU-ALIPURDUAR I 82 SCEIPT (from 49180MW) URI 12,4 (8 400RV) J SALAKATI J SALAKATI J SALAKATI J SALAKATI J SALAKATI CUB ANGLADESH AL CUB ANGLADESH NAGAR -	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13 0 -255 -245	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4 7 0 -178 -1	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0 -237 -98 -540	-30,2 18,0 0.0 0.0 0.0 0.7 -64,3 Energy Exchange (MU) 3.3 3.9 0.4 0.3 -0.1 -1.3 -5.7 -2.3 -13.0
	State State BHUTAN NEPAL	PONDA-AMBEWADI Region ER ER ER NER NER NER ER ER ER	2 1 1 1 1 INTER Line 400EV MANGDECHI HANGDECHU HEP 400EV TALA-BINAG MALBASE - BINAGH MALBASE - BINAGH MALBASE - BINAGH MALBASE - BIRPAR 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR MAHENDRANAGAF MAHENDRANAGAF DC 132KV-BIHAR - NEP BHERAMARA HVD 132KV-SURAJMANI	1421 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2419 0 0 0 45 WR-SR NGES Max (MW) 140 162 40 22 -13 0 -255 -245	0.1 18.0 0.0 0.0 0.7 18.8 Min (MW) 0 156 0 4 7 0 -178 -1	30,2 0,0 0,0 0,0 0,0 0,0 83,1 Avg (MW) 135 161 15 12 -3 0 -237 -98 -540	-30.2 -18.0 -0.0 -0.0 -0.0 -0.7 -64.3 Energy Exchange (MU) -3.3 -9.4 -0.3 -0.1 -1.3 -5.7 -2.3 -13.0