

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, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

दिनांक: 13th Nov 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

- 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 12.11.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-नवंबर-2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा०प्रे॰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 12th November 2020, is available at the NLDC website.

धन्यवाद.

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



Report for previous day

A Payor Supply Position at All India and Regional level Date of Reporting:

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	46637	50606	39166	18141	2500	157050
Peak Shortage (MW)	325	0	0	0	6	331
Energy Met (MU)	960	1186	880	358	43	3427
Hydro Gen (MU)	112	37	97	60	16	322
Wind Gen (MU)	13	59	44	-	-	115
Solar Gen (MU)*	25.34	25.51	68.51	4.62	0.14	124
Energy Shortage (MU)	1.1	0.0	0.0	0.0	0.1	1.1
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	46836	55102	42568	18564	2663	159525
Time Of Maximum Demand Met (From NLDC SCADA)	18:31	10:35	09:59	18:03	17:20	18:19
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	0.032	0.00	0.08	6.56	6.64	78.61	14.75	ı
C. Power Suppl	y Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Г
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	ı
_		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(NIW)	L
	Punjab	5711	0	113.9	95.2	-0.7	118	
	Haryana	5929	0	119.3	108.8	-0.6	264	Γ

		Max.Demand	Shortage during	Energy Met	Drawai	OD(+)/OD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MIN)	Shortage
		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(MW)	(MU)
	Punjab	5711	0	113.9	95.2	-0.7	118	1.1
	Haryana	5929	0	119.3	108.8	-0.6	264	0.0
	Rajasthan	12985	0	248.2	80.8	-2.2	326	0.0
	Delhi	3395	0	62.8	47.0	-1.0	177	0.0
NR	UP	15328	0	294.9	109.7	-2.0	420	0.0
	Uttarakhand	1839	0	36.4	27.4	0.8	162	0.0
	HP	1570	0	29.5	20.9	0.4	232	0.0
	J&K(UT) & Ladakh(UT)	2568	0	52.0	43.1	1.6	541	0.0
	Chandigarh	175	0	3.1	3.2	0.0	13	0.0
	Chhattisgarh	3384	0	73.7	16.8	-1.0	259	0.0
	Gujarat	15346	0	337.8	49.2	2.3	491	0.0
	MP	14078	0	286.5	177.9	-3.6	439	0.0
WR	Maharashtra	21285	0	436.2	141.3	-1.5	665	0.0
	Goa	466	0	9.8	9.1	0.2	39	0.0
	DD	335	0	7.4	7.2	0.2	22	0.0
	DNH	787	0	18.1	17.9	0.2	78	0.0
	AMNSIL	781	0	16.4	1.2	0.3	261 0.0	0.0
	Andhra Pradesh	7833	0	163.7	78.8	-0.6	406	0.0
	Telangana	6863	0	139.9	45.3	-0.8	629	0.0
SR	Karnataka	10790	0	197.2	61.1	0.0	695	0.0
	Kerala	3628	0	72.8	55.0	-0.1	237	0.0
	Tamil Nadu	14479	0	299.1	197.2	-0.3	772	0.0
	Puducherry	375	0	7.7	8.0	-0.3	35	0.0
	Bihar	4319	0	74.1	73.1	0.5	384	0.0
	DVC	3071	0	63.6	-52.4	-0.7	567	0.0
	Jharkhand	1418	0	25.1	18.5	-1.7	155	0.0
ER	Odisha	3910	0	72.9	1.1	-0.7	197	0.0
	West Bengal	6746	0	120.9	24.1	0.4	522	0.0
	Sikkim	107	0	1.5	1.6	-0.1	18	0.0
	Arunachal Pradesh	119	1	2.1	2.1	0.0	34	0.0
	Assam	1537	30	24.9	22,2	0.7	136	0.0
	Manipur	207	2	2.6	2.7	0.0	56	0.0
NER	Meghalaya	351	0	5.7	2.5	-0.1	30	0.0
	Mizoram	95	1	1.5	0.8	0.3	10	0.0
	Nagaland	123	2	2.1	1.9	0.0	23	0.0
	Tripura	246	1 1	3.9	3.5	-0.3	22	0.0

	Bhutan	Nepal	Bangladesh
Actual (MU)	15.6	-2.1	-19.4
Day Peak (MW)	675.0	-228.0	-1036.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	316.1	-345.7	142.5	-111.9	-1.1	0.0
Actual(MU)	308.4	-338.8	149.9	-115.8	-0.7	3.1
O/D/U/D(MU)	-7.7	7.0	7.4	-3.9	0.4	3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6800	12523	9702	4700	539	34263
State Sector	14306	16313	13556	5122	11	49307
Total	21106	28835	23258	9822	550	83571

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	429	1331	390	432	7	2589
Lignite	25	15	24	0	0	65
Hydro	112	37	97	60	16	322
Nuclear	28	17	70	0	0	114
Gas, Naptha & Diesel	20	70	16	0	25	131
RES (Wind, Solar, Biomass & Others)	58	84	148	5	0	295
Total	672	1554	745	497	49	3516
Share of RES in total generation (%)	0.60	F 42	19.89	0.93	0.20	8.39
	8.60	5.43	19.89	0.93	0.29	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	29.34	8.91	42.20	13.04	33.99	20.80

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.039
Based on State Max Demands	1.079

Diversity factor = Stun 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: 13-Nov-2020 |
| Export (MU) | NET (MU)

Sl No							Date of Reporting:	13-Nov-2020
	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)						
1		ALIPURDUAR-AGRA	2	0	501	0.0	12.9	-12.9
2		PUSAULI B/B GAYA-VARANASI	- 2	0	297 893	0.0		-7.6 -11.9
4	765 kV	SASARAM-FATEHPUR	ĩ	67	310	0.0	2.5	-2.5
5		GAYA-BALIA	1	0	529	0.0	8.2	-8.2
7		PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	0	233 155	0.0		-4.9 -2.5
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	0	670	0.0		-6.8
9	400 kV	PATNA-BALIA	4	0	817	0.0	10.2	-10.2
10		BIHARSHARIFF-BALIA	2	0	392	0.0		-4.8
12		MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0 149	257 242	0.0		-4.2 0.0
13		PUSAULI-SAHUPURI	Ĩ.	33	52	0.0	0.4	-0.4
14		SONE NAGAR-RIHAND	11	0	0	0.0	0.0	0.0
15 16		GARWAH-RIHAND KARMANASA-SAHUPURI	1	20	0	0.6 0.0		0.6 0.0
17		KARMANASA-CHANDAULI	i	0	0	0.0		0.0
					ER-NR	0.6	76.6	-76.0
	t/Export of ER (1454		12.7		12.5
2	765 kV 765 kV	JHARSUGUDA-DHARAMJAIGARH NEW RANCHI-DHARAMJAIGARH	2	1454 1136	0	13.5 14.1		13.5 14.1
3	765 kV	JHARSUGUDA-DURG	2	363	121	0.7		0.7
4	400 kV	JHARSUGUDA-BURG JHARSUGUDA-RAIGARH	4	414	0	4.5		4.5
5		RANCHI-SIPAT	2	378	0	5.1		5.1
6	220 kV	BUDHIPADAR-RAIGARH	1	22	78	0.0		-0.6
7		BUDHIPADAR-KAIGAKII BUDHIPADAR-KORBA	2	207	0	3.4		3.4
	ALU RY	DODAH ADAK-KORDA		201	ER-WR	41.2		40.6
	t/Export of ER (
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	651	0.0	14.4	-14.4
3		TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2 2	0	1987 2765	0.0		-41.7 -47.8
4	400 kV	TALCHER-I/C	2	0	631	0.0	8.2	-8.2
5		BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
Import	t/Evnert of En	With NED)			ER-SR	0.0	103.9	-103.9
Import/	t/Export of ER (V 400 kV	With NER) BINAGURI-BONGAIGAON	2	0	492	0.0	71	-7.1
2	400 kV	ALIPURDUAR-BONGAIGAON	2	0	591	0.0	7.9	-7.1 -7.9
3		ALIPURDUAR-SALAKATI	2	Ö	116	0.0	1.8	-1.8
Import	t/Export of NER	(With NR)			ER-NER	0.0	16.8	-16.8
1 mport		BISWANATH CHARIALI-AGRA	2	0	703	0.0	17.2	-17.2
					NER-NR	0.0	17.2	-17.2
	t/Export of WR (
1		CHAMPA-KURUKSHETRA	2	0	1502	0.0		-36.2
3	HVDC HVDC	VINDHYACHAL B/B MUNDRA-MOHINDERGARH	2	449 0	0 1458	9.5 0.0		9.5 -33.8
4	765 kV	GWALIOR-AGRA	2	Õ	2698	0.0	55.0	-55.0
5		PHAGI-GWALIOR	2	0	1723	0.0	29.1	-29.1
7		JABALPUR-ORAI GWALIOR-ORAI	2	0	1175	0.0		<u>-45.1</u>
8		SATNA-ORAI	1	623	0 1557	10.3 0.0		10.3 -34.5
9		CHITORGARH-BANASKANTHA	2	Õ	1263	0.0	12.5	-12.5
10	400 kV	ZERDA-KANKROLI	11	- 11	248	0.0	2.5	-2.5
11		ZERDA -BHINMAL	1	975	499 0	0.0		-5.5 22.5
13		VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2	0	482	22.5 0.0		-5.5
14		BHANPURA-RANPUR	1	Ö	167	0.0	2.2	-2.2
15		BHANPURA-MORAK	1	11	0	0.1	0.7	-0.6
16 17	220 kV 220 kV	MEHGAON-AURAIYA MALANPUR-AURAIYA	1	92 43	0 29	0.3 1.3		0.2 1.3
18	132 kV	GWALIOR-SAWAI MADHOPUR	i	0	0	0.0		0.0
19	132 kV	RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
	//E · · · · · CNVD /	Wat co			WR-NR	43.9	262.5	-218.6
1 mport	t/Export of WR (HVDC	BHADRAWATI B/B		0	522	0.0	12.2	-12.2
2		RAIGARH-PUGALUR	2	0	244			
3	765 kV	SOLAPUR-RAICHUR			1197	0.0	14.6	-14.6
5			2	0	2679	0.0 0.0	14.6 34.5	-14.6 -34.5
6		WARDHA-NIZAMABAD	2	0	2679 2047	0.0 0.0 0.0	14.6 34.5 26.0	-14.6 -34.5 -26.0
7		KOLHAPUR-KUDGI	2 2	0 581	2679 2047 0	0.0 0.0 0.0 6.9	14.6 34.5 26.0 0.0	-14.6 -34.5 -26.0 6.9
8	220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 1	0	2679 2047	0.0 0.0 0.0	14.6 34.5 26.0	-14.6 -34.5 -26.0
	220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2	0 581 0	2679 2047 0 0 0 48	0.0 0.0 0.0 6.9 0.0 0.0 0.8	14.6 34.5 26.0 0.0 0.0 0.0	-14.6 -34.5 -26.0 6.9 0.0 0.0
	220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 1 1	0 581 0 1	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0	14.6 34.5 26.0 0.0 0.0	-14.6 -34.5 -26.0 6.9 0.0
	220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 1 1	0 581 0	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.8	14.6 34.5 26.0 0.0 0.0 0.0	-14.6 -34.5 -26.0 6.9 0.0 0.0 0.8 -79.5
	220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 1 1	0 581 0 1	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.8	14.6 34.5 26.0 0.0 0.0 0.0	-14.6 -34.5 -26.0 -6.9 0.0 0.0 0.8 -79.5
9 1	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 INTER Line	0 581 0 1 1 0 0 NATIONAL EXCHA! Name IU-ALIPURDUAR 1&2	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3	-14.6 -34.5 -26.0 6.9 0.0 0.0
	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 1 INTER 400kV MANGDECH Le, ALIPURDUAR RE	0 581 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3	-14.6 -34.5 -26.0 -6.9 0.0 0.0 0.8 -79.5
	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 1 INTER 400kV MANGDECH Le, ALIPURDUAR RE	0 581 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.0 0.8 7.7	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW)	-14.6 -34.5 -26.0 6.9 0.0 0.0 0.8 -79.5 Energy Exchange
	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHU HEP 2 400kV TALLA-BINAGU MALBASE BINAGU MALBASE BINAGU	0 581 0 1 1 0 NATIONAL EXCHA! Name IU-ALIPURDUAR 1&2 CEIPT (from ±?180MW) URI 1,2,4 (& 400KV RD) ie. BINAGURI	2679 2047 0 0 0 48 WR-SR	0.0 0.0 0.0 6.9 0.0 0.0 0.0 0.8 7.7	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW)	-14.6 -34.5 -26.0 6.9 0.0 0.0 0.8 -79.5 Energy Exchange
	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHU HEP 2 400kV TALLA-BINAGU MALBASE BINAGU MALBASE BINAGU	0 581 0 1 1 0 NATIONAL EXCHA! Name IU-ALIPURDUAR 1&2 CEIPT (from ±?180MW) URI 1,2,4 (& 400KV RD) ie. BINAGURI	2679 2047 0 0 48 WR-SR NGES Max (MW)	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW)	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW)	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) 5.0
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH HEP + 400kV TALA-BINAGU RECEIPT (from TAL). RECEIPT (from TAL).	0 581 0 0 NATIONAL EXCHA! Name IU-ALIPURDUAR 1&2 CEIPT (from 9*180MW) DRT1,2,4 (& 400KV RD 1,6,2 BNAGURI AUEP (6*170MW) PARA 1&2 (& 220KV	2679 2047 0 0 0 WR-SR WGES Max (MW) 205	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW)	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) 5.0
	220 kV 220 kV 220 kV	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHU HEP 2 400kV TALLA-BINAGU MALBASE BINAGU MALBASE BINAGU	0 581 0 0 NATIONAL EXCHA: Name IU-ALIPURDUAR I&2 CEIPT (from 1°1 180MW) IRI 1,2-4 (6. 400 kV IRI) i.e. BINAGURI AMEP (6°1 120 MW) PARA I&2 (&2 220 kV	2679 2047 0 0 48 WR-SR NGES Max (MW)	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW)	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW)	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) 5.0
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP, 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL)	0 581 0 0 NATIONAL EXCHA: Name IU-ALIPURDUAR 1&2 CEIPT (from 1:24 (400RV) IRI 1:24 (4 400RV) IRI 1:24 (4 400RV) IRI 1:24 (2 420RV) A) LE BINAGURI MIEP (6:11-20MW) PARA 1&2 (& 220RV)	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203	14,6 34,5 26,0 0,0 0,0 0,0 0,0 0,0 87,3 Avg (MW) 205 361	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 -7.2
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le, ALIPURDUAR RE MANGDECHU HEP, 400KV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR	0 581 0 0 NATIONAL EXCHA: Name IU-ALIPURDUAR 1&2 CEIPT (from 1:24 (400RV) IRI 1:24 (4 400RV) IRI 1:24 (4 400RV) IRI 1:24 (2 420RV) A) LE BINAGURI MIEP (6:11-20MW) PARA 1&2 (& 220RV)	2679 2047 0 0 0 WR-SR WGES Max (MW) 205	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW)	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) 5.0
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH HEP + 400kV TALA-BINAGU RECEIPT (from TALZ- 220kV CHUKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132KV-GEYLEGPHU	0 581 0 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from 1*180MW) URI 1;2,4 (& 400EV RIP 1;2,4 (& 400EV APARA 1&2 (& 220EV A) i.e. BIRPARA KILA HEP 4*84MW)	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 -8.7 -1.2
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP, 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL)	0 581 0 0 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from 1*180MW) URI 1;2,4 (& 400EV RIP 1;2,4 (& 400EV APARA 1&2 (& 220EV A) i.e. BIRPARA KILA HEP 4*84MW)	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203	14,6 34,5 26,0 0,0 0,0 0,0 0,0 0,0 87,3 Avg (MW) 205 361	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 -8.7
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 2 1 1 INTER Line 400KY MANGDECHH Line 400KY MANGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 100KY CHIKHA-BIR MALBASE - BINAGU RAGDECHH IGHU 132KV-GEYLEGPHU 132KV Motanga-Rangi	0 581 0 0 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 -8.7 -1.2
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH HEP + 400kV TALA-BINAGU RECEIPT (from TAL- 20kV CHUKHA-BIR MALBASE - BIRAFR	0 581 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105	0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 -8.7 -1.2
	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 2 1 1 INTER Line 400KY MANGDECHH Line 400KY MANGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 400KY TALA-BINAGU RAGDECHH IBEY- 100KY CHIKHA-BIR MALBASE - BINAGU RAGDECHH IGHU 132KV-GEYLEGPHU 132KV Motanga-Rangi	0 581 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203 338	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 -7.2 -0.2 -0.5
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH HEP + 400kV TALA-BINAGU RECEIPT (from TAL- 20kV CHUKHA-BIR MALBASE - BIRAFR	0	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24	0.0 0.0 0.0 0.0 6.9 0.0 0.0 0.8 7.7 Min (MW) 203 338	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 -7.2 -0.2 -0.5
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le ALIPURDUAR RE MANGBECHH LE ALIPURDUAR RE 100kV TALA-BINAGU RECEIPT (from TAL 200kV CHIKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132kV Motanga-Rangi 132kV Motanga-Rangi 132kV-TANAKPUR(* MAHENDRANAGAR	0	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 -8.7 -0.2 -0.5 -0.0
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH Le. ALIPURDUAR RE 400kV TALA-BINAGU RECEIPT (from TAL). 220kV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132KV-BIHAR - NEP. 220KV-MUZAFFARP	0 581 0 0 1 1 1 1 1 1 1	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -21	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -0.2 -0.5 -0.0 -1.5
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 2 1 1 INTER Line 400KY MANGDECHH 400KY MANGDECHU 16. ALIPIURDUAR RE MANGDECHU HEPA MANGDECHU HEPA MANGDECHU HEPA MALBASE - BINAGU RECEIPT (from TAIL) 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHENDRANAGAR 132KV-BIHAR - NEP/	0 581 0 0 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 -8.7 -0.2 -0.5 -0.0
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER ER E	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le ALIPURDUAR RE MANGBECHH LE ALIPURDUAR RE HONOGON TALA-BINAGU RECEIPT (from TAL) 220kV CHIKHA-BIR MALBASE - BINAGU HEZENY CHIKHA-BIR MALBASE - BIRAGU HEZENY MALBASE - BIRAGU HEZENY HEZE	0 581 0 0 1 1 1 1 1 1 1	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -21	-14.6 -34.5 -26.0 -6.9 -0.0 -0.8 -79.5 Energy Exchange (MII) -5.0 8.7 1.2 -0.2 -0.5 -0.6
I	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH Le. ALIPURDUAR RE 400kV TALA-BINAGU RECEIPT (from TAL). 220kV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132KV-BIHAR - NEP. 220KV-MUZAFFARP	0 581 0 0 1 1 1 1 1 1 1	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -21	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -0.2 -0.5 -0.0 -1.5
1	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER ER E	2 2 2 2 1 1 INTER Line 400KY MANGDECHH 400KY MANGDECHH HEP- 400KY MALA BINACI MALBASE - BINACI MALBASE - BINACI MALBASE - BINACI 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHENDRANAGAR 132KV-BHAR - NEP- DC BHERAMARA HVDC	0 581 0 0 NATIONAL EXCHA: Name UI-ALIPURDUAR 1&2 CCEIPT (from 18112.4 (& 400RV RB) i.e. BINAGURI ALIPURDUAR 1&2 (& 220RV A) i.e. BIRPARA KHA HEP 4*84MW) I- SALAKATI iia NH)- (PG) AL UR - DHALKEBAR UR - DHALKEBAR	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18	7.6 11.9 2.5 8.2 4.9 2.5 6.8 10.2 4.8 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-14.6 -34.5 -26.0 -6.9 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 8.7 1.2 -0.2 -0.5 -0.6
1	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER ER E	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH MANGBECHH LE. ALIPURDUAR RE 200kV TALA-BINAGU RECFIPT (from TAL) 132kV-HALBASE - BIRAGU RECFIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP, 220kV-MUZAFFARP DC BHERAMARA HVDC 132kV-SURAJMANI 132kV-SURAJMANI	0 581 0 0 NATIONAL EXCHA! Name UL-ALIPURDUAR 1&2 (CEIPT (from 14 Standard) 14 SOMW) CRIT 1,24 (& 400KV R) PARA 1&2 (& 220KV A) (& BIRPARA (& 10 STANDARD) 15 SALAKATI 16 SALAKATI 16 SALAKATI 17 SALAKATI 18 SALAKATI 18 SALAKATI 19 SALAKATI 19 SALAKATI 19 SALAKATI 19 SALAKATI 19 SALAKATI 10 SALAKATI 10 SALAKATI 10 SALAKATI 10 SALAKATI 11 SALAKATI 12 SALAKATI 13 SALAKATI 14 SALAKATI 15 SALAKATI 16 SALAKATI 17 SALAKATI 18 SALAKATI 18 SALAKATI 19 SALAKATI 19 SALAKATI 19 SALAKATI 10 SALAKATI 10 SALAKATI 10 SALAKATI 11 SALAKATI 12 SALAKATI 13 SALAKATI 14 SALAKATI 15 SALAKATI 16 SALAKATI 17 SALAKATI 18 SALAK	2679 2047 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -61 -25 -703	-14.6 -34.5 -26.0 -6.9 -0.0 -0.8 -79.5 Energy Exchange (MID) -5.0 8.7 1.2 -0.2 -0.5 -0.6
1	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH MANGBECHH LE. ALIPURDUAR RE 200kV TALA-BINAGU RECFIPT (from TAL) 132kV-BINAGU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP, 220kV-MUZAFFARP DC BHERAMARA HVDC 132kV-SURAJMANI COMILLA(BANGLAI 1440kV-SURAJMANI COMILLA(BANGLAI 1440kV-SURAJ	0 581 0 0 NATIONAL EXCHA Name UL-ALIPURDUAR 1&2 (CEIPT (from 14 180MW) CRIT 1,24 (& 400KV R) PARA 1&2 (& 220KV A) LE BIRPARA KILA HEP 4*84MW) I- SALAKATI iia NHI) - (PG) AL UR - DHALKEBAR C(BANGLADESH) NAGAR - DESH)-1	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136 -92	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18 0 -1 -20	14.6 34.5 26.0 0.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -61 -25 -703	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -0.2 -0.5 -0.6 -1.5 -0.6 -16.9
1	220 kV 220 kV 220 kV State	KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGBECHH MANGBECHH LE. ALIPURDUAR RE 200kV TALA-BINAGU RECFIPT (from TAL) 132kV-HALBASE - BIRAGU RECFIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP, 220kV-MUZAFFARP DC BHERAMARA HVDC 132kV-SURAJMANI 132kV-SURAJMANI	0 581 0 0 NATIONAL EXCHA! Name IU-ALIPURDUAR 1&2 CCEIPT (from IF112A(& 400RV IR1) 1.4 (400RV IR1) 1.5 (400RV	2679 2047 0 0 0 0 48 WR-SR NGES Max (MW) 205 407 105 -17 -24 0 -136 -92	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 7.7 Min (MW) 203 338 0 -5 -18 0 -1 -20	14.6 34.5 26.0 0.0 0.0 0.0 0.0 87.3 Avg (MW) 205 361 49 -10 -21 0 -61 -25 -703	-14.6 -34.5 -26.0 -6.9 -0.0 -0.0 -0.8 -79.5 Energy Exchange (MII) -0.2 -0.5 -0.6 -1.5 -0.6 -16.9