

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPËRATION 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: 17th Nov 2020

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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 16.11.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-नवंबर-2020 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 16th November 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:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	39468	41846	34250	17501	2414	135479
Peak Shortage (MW)	1050	0	0	0	43	1093
Energy Met (MU)	727	1015	747	345	41	2874
Hydro Gen (MU)	112	23	74	48	16	273
Wind Gen (MU)	16	35	52	-	-	103
Solar Gen (MU)*	28.02	54.59	54.16	4.30	0.14	141
Energy Shortage (MU)	0.7	0.0	0.0	0.0	1.6	2.3
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	39481	46269	36956	17734	2536	137546
Time Of Maximum Demand Met (From NLDC SCADA)	18:50	08:07	09:31	18:33	17:29	18:24

Region FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05

All India	0.037	0.00	0.30	5.49	5.79	74.06	20.15	
C. Power Supr	ply Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortage (MU)
	Punjab	4669	500	83.9	70.0	-0.3	129	0.0
	Harvana	4883	0	84.6	83.3	-0.2	255	0.0
	Rajasthan	10804	0	208.0	70.0	-4.4	488	0.0
	Delhi	3116	0	54.0	39.0	-1.9	142	0.0
NR	UP	12896	550	205.0	76.8	-5.7	815	0.7
	Uttarakhand	1478	0	26.1	17.4	-0.2	254	0.0
	HP	1199	0	21.9	15.9	-1.5	71	0.0
	J&K(UT) & Ladakh(UT)	2038	0	40.2	36.8	-2.1	398	0.0
	Chandigarh	173	0	2.9	3.0	-0.1	13	0.0
	Chhattisgarh	3155	0	68.6	11.2	-0.9	180	0.0
	Gujarat	11615	0	244.5	46.3	0.9	869	0.0
	MP	12656	0	257.0	170.4	-3.2	464	0.0
WR	Maharashtra	18851	0	397.7	135.4	-1.9	631	0.0
	Goa	509	0	10.1	9.7	-0.1	38	0.0
	DD	205	0	4.3	3.9	0.4	38	0.0
	DNH	661	0	14.6	14.6	0.0	37	0.0
	AMNSIL	852	0	18.2	3.2	0.4	232	0.0
	Andhra Pradesh	7314	0	153.5	70.0	-0.5	520	0.0
	Telangana	6768	0	140.6	49.0	-0.5	544	0.0
SR	Karnataka	8356	0	154.8	55.6	0.4	614	0.0
	Kerala	3381	0	71.5	54.3	0.3	237	0.0
	Tamil Nadu	10846	0	219.6	162.7	-2.2	573	0.0
	Puducherry	344	0	6.6	7.1	-0.5	58	0.0
	Bihar	4380	0	75.5	77.0	-2.0	389	0.0
	DVC	3032	0	63.0	-39.3	-0.2	314	0.0
	Jharkhand	1437	0	26.1	20.0	-2.0	145	0.0
ER	Odisha	3838	0	71.4	12.0	-1.1	298	0.0
	West Bengal	5991	0	108.0	29.0	0.2	402	0.0
	Sikkim	76	0	1.1	1.4	-0.3	15	0.0
	Arunachal Pradesh	117	1	1.9	2.2	-0.4	27	0.0
	Assam	1452	21	23.2	19.8	-0.1	96	1.5
	Manipur	197	0	2.7	2.8	-0.1	19	0.0
NER	Meghalaya	349	2	5.4	3.2	-0.2	26	0.0
	Mizoram	107	1	1.7	1.0	0.3	24	0.0
	Nagaland	131	0	2.0	1.9	-0.1	12	0.0
1	Tripura	237	2	3.7	3.9	-0.8	37	0.0

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve) Bhutan 14.2 671.0 -19.6 -1023.0 Nepal Actual (MU) Day Peak (MW)

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

Schedule(MU) 217.0	-281.1	136.4	-70.4	-1.8	0.0
Actual(MU) 186.1	-271.0	145.4	-58.3	-4.5	-2.3
O/D/U/D(MU) -30.8	10.1	9.0	12.2	-2.6	-2.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6800	14203	10802	3350	509	35663
State Sector	17441	16843	15688	5522	11	55504
Total	24241	31045	26490	8872	520	91167

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	316	1058	288	372	7	2040
Lignite	22	15	30	0	0	67
Hydro	112	23	75	48	16	274
Nuclear	28	33	66	0	0	126
Gas, Naptha & Diesel	20	71	16	0	27	134
RES (Wind, Solar, Biomass & Others)	64	101	137	4	0	307
Total	561	1300	612	424	50	2947
Share of RES in total generation (%)	11.33	7.78	22.47	1.02	0.28	10.41
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	36.23	12.03	45.35	12.34	32.53	23.95

11. All filula Demand Diversity Factor	
Based on Regional Max Demands	1.038
Rosed on State May Demands	1.077

INTER-REGIONAL EXCHANGES

| Import=(+ve) /Export =(-ve) for NET (MU)
| Date of Reporting: 17-Nov-2020
| Export (MU) | NET (MU)

							Date of Reporting:	
Impo	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	17-Nov-2020 NET (MU)
			140. Of Circuit	Max Import (MW)	Max Export (MW)	Import (MC)	Export (MC)	NEI (MC)
1	rt/Export of ER (V HVDC	ALIPURDUAR-AGRA	,	0	351	0.0	8.6	-8.6
2		PUSAULI B/B		0	299	0.0	7.3	-7.3
3		GAYA-VARANASI	2	262	654	0.0	2.1	-2.1
4	765 kV	SASARAM-FATEHPUR	Ĩ	214	279	0.4	0.0	0.4
5	765 kV	GAYA-BALIA	1	0	377	0.0	4.2	-4.2
6		PUSAULI-VARANASI	1	0	274	0.0	5.6	-5.6
7	400 kV	PUSAULI -ALLAHABAD	1	0 213	119 490	0.0	1.4	-1.4
9		MUZAFFARPUR-GORAKHPUR PATNA-BALIA	4	213 77	490	0.0	1.9 4.3	-1.9 -4.3
10		BIHARSHARIFF-BALIA	2	59	297	0.0	1.6	-1.6
11	400 kV	MOTIHARI-GORAKHPUR	2	0	227	0.0	3.2	-3.2
12		BIHARSHARIFF-VARANASI	2	276	162	2.7	0.0	2.7
13		PUSAULI-SAHUPURI	1	78	17	0.6	0.0	0.6
14		SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	1	20	0	0.3	0.0	0.3
16 17	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
					ER-NR	4.1	40.2	-36.1
Impo	rt/Export of ER (V	Vith WR)				•		
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1328	0	24.0	0.0	24.0
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1076	0	14.6	0.0	14.6
3	765 kV	JHARSUGUDA-DURG	2	139	112	1.0	0.0	1.0
4	400 kV	JHARSUGUDA-RAIGARH	4	422	9	4.5	0.0	4.5
5	400 kV	RANCHI-SIPAT	2	393	0	6.1	0.0	6.1
6	220 kV	BUDHIPADAR-RAIGARH	1	38	76	0.0	0.0	0.0
7	220 kV	BUDHIPADAR-KORBA	2	216	0 ED WD	4.6	0.0	4.6
Impe	rt/Export of ER (V	Vith SR)			ER-WR	54.8	0.0	54.8
1mpo		JEYPORE-GAZUWAKA B/B	2	0	375	0.0	8.6	-8.6
2		TALCHER-KOLAR BIPOLE	2	0	1659	0.0	39.7	-39.7
3	765 kV	ANGUL-SRIKAKULAM	2	0	2769	0.0	51.4	-51.4
4	400 kV	TALCHER-I/C	2	0	1163	0.0	17.2	-17.2
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
			·		ER-SR	0.0	99.8	-99.8
Impo	rt/Export of ER (V				227	0.0	1 20	
2		BINAGURI-BONGAIGAON ALIPURDUAR-BONGAIGAON	2 2	0	336 395	0.0	2.9	-2.9 -2.7
3		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	0	395 88	0.0	2.7 0.8	-2.7 -0.8
	ALV RY	JADUAR-GALARAII	. 4	, ,	ER-NER	0.0	6.4	-6.4
Impo	rt/Export of NER	(With NR)				VIV		VI.
1		BISWANATH CHARIALI-AGRA	2	0	501	0.0	10.9	-10.9
					NER-NR	0.0	10.9	-10.9
	rt/Export of WR (,				
1		CHAMPA-KURUKSHETRA	2	0	1001	0.0	19.9	-19.9
2	HVDC	VINDHYACHAL B/B	2	451	983	12.2	0.0	12.2
3	HVDC 765 bV	MUNDRA-MOHINDERGARH	2 2	0		0.0	22.9	-22.9
5		GWALIOR-AGRA PHACL CWALLOR	2	0	2692	0.0	43.4 22.3	-43.4 -22.3
6	765 kV	PHAGI-GWALIOR JABALPUR-ORAI	2	0	1836 1027	0.0	32.1	-22.3
7		GWALIOR-ORAI	í	682	0	9.4	0.0	9.4
8		SATNA-ORAI	i	0	1487	0.0	29.3	29.3
9		CHITORGARH-BANASKANTHA	2	122	1090	0.0	12.4	-12.4
10		ZERDA-KANKROLI	1	109	173	0.0	1.2	-1.2
11		ZERDA -BHINMAL	1	106	383	0.0	3.2	-3.2
12	400 kV	VINDHYACHAL -RIHAND	1	976	0	22.1	0.0	22.1
13		RAPP-SHUJALPUR	2	185	369	0.8	2.6	-1.8
14		BHANPURA-RANPUR	1	12	173	0.0	1.6	-1.6
15		BHANPURA-MORAK	1	11	0	0.3	1.3	-1.0
16 17		MEHGAON-AURAIYA MALANPUR-AURAIYA	1	50 34	17 28	0.2 0.4	0.1 0.0	0.0 0.4
18		GWALIOR-SAWAI MADHOPUR	i	0	0	0.0	0.0	0.0
19		RAJGHAT-LALITPUR	2	0	Ö	0.0	0.0	0.0
					WR-NR	45,3	192.3	-147.0
Impo	rt/Export of WR (
T 3.								
1		BHADRAWATI B/B		0	319	0.0	7.5	-7.5
2	HVDC	RAIGARH-PUGALUR	2	0	151	0.0	2.3	-2.3
2 3	HVDC 765 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2	0	151 2331	0.0	2.3 29.5	-2.3 -29.5
1 2 3 4	HVDC 765 kV 765 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2	0 0	151 2331 2319	0.0 0.0 0.0	2.3 29.5 36.7	-2.3 -29.5 -36.7
1 2 3 4 5	HVDC 765 kV 765 kV 400 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI		0 0 0 394	151 2331 2319 33	0.0 0.0 0.0 4.6	2.3 29.5 36.7 0.0	-2.3 -29.5 -36.7 4.6
1 2 3 4	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2	0 0	151 2331 2319	0.0 0.0 0.0	2.3 29.5 36.7	-2.3 -29.5 -36.7
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2	0 0 0 394	151 2331 2319 33 0 0	0.0 0.0 0.0 4.6 0.0 0.0	2.3 29.5 36.7 0.0 0.0 0.0	-2.3 -29.5 -36.7 4.6 0.0 0.0
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1	0 0 0 394 0 1	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0	2.3 29.5 36.7 0.0 0.0	-2.3 -29.5 -36.7 4.6 0.0
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1	0 0 0 394 0	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0	2.3 29.5 36.7 0.0 0.0 0.0 75.9	-2.3 -29.5 -36.7 4.6 0.0 0.0 0.8 -70.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1	0 0 0 394 0 1 1 0	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4	2,3 29.5 36.7 0.0 0.0 0.0 0.0 75.9	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.8 -70.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 1 1 1 INTER	0 0 0 394 0 1 1 0 NATIONAL EXCHAN	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0	2.3 29.5 36.7 0.0 0.0 0.0 75.9	-2.3 -29.5 -36.7 4.6 0.0 0.0 0.8 -70.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH	0 0 0 394 0 1 1 0 NATIONAL EXCHA! Name	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW)	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -70.5 Energy Exchange (MII)
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 1 1 1 INTER Line 400kV MANGDECHH ic. ALIPURDUAR RE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4	2,3 29.5 36.7 0.0 0.0 0.0 0.0 75.9	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.8 -70.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH	0 0 0 0 394 0 1 1 0 NATIONAL EXCHANNAME U-ALIPURDUAR 1&2 CEIPT (from = 1880MW)	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW)	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -70.5 Energy Exchange (MII)
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPUNAR RE MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU	0 0 0 394 0 1 0 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,2,4 (& 400KV RD) i.e. BINAGURI	151 2331 2319 33 0 0 43 WR-SR	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW)	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -70.5 Energy Exchange (MII)
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 1 INTER Line 400kY MANGDECHH i.e. ALIPURDUAR RE MANGDECHU HEP 4 400kY TALA BINAGI MALBASE - BINAGU MEEGEIPT (from TALA	0 0 0 394 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) RI 1,2.4 (& 400kV	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW)	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW)	2,3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW)	-2.3 -29.5 -36.7 -4.6 -0.0 -0.8 -70.5 Energy Exchang (MII)
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE BINAGU RECEIPT (from TALA	0 0 0 0 394 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW)	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189	2.23 2.9.5 2.36.7 4.6 0.0 0.0 0.8 -70.5 Energy Exchange (MIT) 4.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 1 1 INTER Line 400KV MANGDECHH Le. ALIPURUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR. MALBASE - BIRPAR.	0 0 0 394 0 0 1 1 0 0 NATIONAL EXCHAN NAME U-ALIPURDUAR 1&2 CEIPT (from 180MW) PARA 1&2 (& 400kV RI) i.e. BINAGURI BEP (6*170MW) PARA 1&2 (& 220kV	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW)	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW)	2,3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW)	-2.3 -29.5 -36.7 -4.6 -0.0 -0.8 -70.5 Energy Exchange (MII)
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH ie. ALIPURUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TALA RECEIPT (from CHU	0 0 0 0 394 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 2.8 -70.5 Energy Exchang (MII) 4.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH Le. ALIPURUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR. MALBASE - BIRPAR.	0 0 0 0 394 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW)	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189	-2.3 -29.5 -36.7 -4.6 -0.0 -0.8 -70.5 Energy Exchang (MIT) -4.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH ie. ALIPURUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TALA RECEIPT (from CHU	0 0 0 0 394 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 2.8 -70.5 Energy Exchang (MII) 4.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD 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 MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TCH) 132kV-GEYLEGPHU 132kV-GEYLEGPHU	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR Max (MW) 223 368	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50	2.23 2.29.5 2.36.7 4.6 0.0 0.0 0.8 2.70.5 Energy Exchang (MII) 4.5 8.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER	2 2 2 1 1 INTER Line 400KV MANGDECHH ie. ALIPURUAR RE MANGDECHU HEF 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TALA RECEIPT (from CHU	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW)	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 2.8 -70.5 Energy Exchang (MII) 4.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER LINE ALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA REALIPURIA RECEIPT (FORT ALLA SECENT RECEIPT (FORT CHUI STANDARD RECEIPT (FORT	0 0 0 394 0 0 1 394 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.8 5.4 Min (MW) 0 324	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 0.8 70.5 Energy Exchang (MII) 4.5 8.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD 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 MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TCH) 132kV-GEYLEGPHU 132kV-GEYLEGPHU	0 0 0 0 394 0 0 1 0 0 NATIONAL EXCHAY Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) IRI 1,24 (& 400kV RI) L. (& 40	151 2331 2319 33 0 0 43 WR-SR Max (MW) 223 368	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50	2.23 2.29.5 2.36.7 4.6 0.0 0.0 0.8 2.70.5 Energy Exchang (MII) 4.5 8.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA TALA BINAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi	0 0 0 0 394 0 0 1 0 0 NATIONAL EXCHAY Name U-ALIPURDUAR 1&2 CEIPT (from *180MW) IRI 1,24 (& 400kV RI) L. (& 40	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.8 5.4 Min (MW) 0 324	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 0.8 70.5 Energy Exchang (MII) 4.5 8.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH i.e. ALIPURDUAR RE MANGBECHU HEP 4 400kV TALA-BINAGU RECEIPT (from TALA TALA BINAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi	0 0 0 394 0 1 0 0 1 394 0 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400kV RR) i.e. BINAGURI HEP (6+170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA A (LIA HEP 4*84MW) - SALAKATI a HII) -	151 2331 2319 33 0 0 43 WR-SR Max (MW) 223 368 80 0	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 5.4 Min (MW) 0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0	2.23 2.29.5 2.36.7 4.6 0.0 0.0 0.8 2.70.5 Energy Exchang (MII) 4.5 8.5 1.2 0.1 0.4
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD 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 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALJ 220kV CHIKHA-BIR MALBASE - BIRAGU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR	0 0 0 394 0 1 0 0 1 394 0 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400kV RR) i.e. BINAGURI HEP (6+170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA A (LIA HEP 4*84MW) - SALAKATI a HII) -	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.8 5.4 Min (MW) 0 324	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50	2.23 2.29.5 3-36.7 4.6 0.0 0.0 0.0 0.8 70.5 Energy Exchang (MII) 4.5 8.5
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV GEYLEGPHU 132KV Motanga-Rangi 132KV-TANAKPUR(MAHENDRANAGAR) 132KV-BIHAR - NEP/	0 0 0 0 394 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW) 0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.0 -70.5 Energy Exchang (MII) -4.5 -8.5 -1.2 -0.1 -0.4 -0.0 -0.1
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV GEYLEGPHU 132KV Motanga-Rangi 132KV-TANAKPUR(MAHENDRANAGAR) 132KV-BIHAR - NEP/	0 0 0 394 0 1 0 0 1 394 0 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from = 180MW) IRI 1,24 (& 400kV RR) i.e. BINAGURI HEP (6+170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA A (LIA HEP 4*84MW) - SALAKATI a HII) -	151 2331 2319 33 0 0 43 WR-SR Max (MW) 223 368 80 0	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 5.4 Min (MW) 0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.8 -70.5 Energy Exchang (MII) -4.5 -8.5 -1.2 -0.1 -0.4 -0.0
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV GEYLEGPHU 132KV Motanga-Rangi 132KV-TANAKPUR(MAHENDRANAGAR) 132KV-BIHAR - NEP/	0 0 0 0 394 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	151 2331 2319 33 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW) 0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.0 -70.5 Energy Exchang (MII) -4.5 -8.5 -1.2 -0.1 -0.4 -0.0 -0.1
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER NER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV GEYLEGPHU 132KV Motanga-Rangi 132KV-TANAKPUR(MAHENDRANAGAR) 132KV-BIHAR - NEP/	0 0 0 394 0 1 0 0 1 394 0 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) RII 1,24 (& 400kV RII 1,24 (& 400kV RI 1,24 (& 400k	151 2331 2319 33 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0	2.23 2.29.5 2.36.7 4.6 0.0 0.0 0.0 0.8 7.70.5 Energy Exchang (MIT) 4.5 8.5 1.2 0.1 0.4 0.0 0.1
1 2 3 4 5 6	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH 400KV MANGDECHU 400KV MANGDECHU 400KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL) 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-BIHAR - NEP/ 220KV-MUZAFFARP	0 0 0 394 0 1 0 0 1 394 0 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) RII 1,24 (& 400kV RII 1,24 (& 400kV RI 1,24 (& 400k	151 2331 2319 33 0 0 43 WR-SR NGES Max (MW) 223 368 80 0 0 40 -76	0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.8 5.4 Min (MW) 0 324 0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0 0	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.0 -70.5 Energy Exchang (MII) -4.5 -8.5 -1.2 -0.1 -0.4 -0.0 -0.1
1 2 3 4 5 6 7 8	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV 8	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400KV MANGDECHH 400KV MANGDECHU 400KV MANGDECHU 400KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL) 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-TANAKPUR(MAHBHASE - BIRPARA 132KV-BIHAR - NEP/ 220KV-MUZAFFARP	0 0 0 394 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0 40 -76	0.0 0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0 1 -1 -713	-2.3 -29.5 -36.7 -4.6 -0.0 -0.0 -0.0 -70.5 Energy Exchang (MII) -4.5 -8.5 -1.2 -0.1 -0.4 -0.0 -0.1 -0.0 -17.1
1 2 3 4 5 6 7 8	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER LIBE 400KV MANGDECHH LE ALIPURDIAR RE MANGDECHU HEP 4 400KV TALABNAGI MALBASE - BINAGU MALBASE - BINAGU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR(M MAHENDRANAGAR(M 132KV-BHAR - NEP/	0 0 0 394 0 1 0 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) IRI 1,24 (& 400kV IRI 1,24	151 2331 2319 33 0 0 43 WR-SR NGES Max (MW) 223 368 80 0 0 40 -76	0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0 0	2.23 2.29.5 3.6.7 4.6 0.0 0.0 0.0 0.8 7.70.5 Energy Exchange (MIT) 4.5 8.5 1.2 0.1 0.4 0.0 0.1
1 2 3 4 5 6 7 8	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV 8	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANDDECHH ie. ALIPURDUAR RE MANGDECHU HEP 4 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132kV-GHUKHA-BIR HALBASE - BIRPAR RECEIPT (from TALA 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-TANAKPUR(N MAHENDRANAGAR(132kV-BIHAR - NEP/ 220kV-MUZAFFARP BHERAMARA HVDC 132kV-SURAJMANI 1COMILLA(BANGLAI	0 0 0 394 0 1 0 0 NATIONAL EXCHAY Name U-ALIPURDUAR 1&2 CEIPT (from ** 1880 MW) IRI 1,24 (& 400 kV RI) 1,25	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0 40 -76	0.0 0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0 1 -1 -713	2.3 2.9.5 3.6.7 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
1 2 3 4 5 6 7 8	HVDC 765 kV 765 kV 265 kV 200 kV 220 kV 220 kV 220 kV 8 kV 220 kV	RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER NER NER NER NER ER ER ER	2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH Le. ALIPURDUAR RE BINAGU RECEIPT (from TALJ 20kV CHKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rangi 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP/ 220kV-MUZAFFARP BHERAMARA HVDC 132kV-SURAJMANI 132kV-SURAJMANI 132kV-SURAJMANI	0 0 0 394 0 1 0 1 0 1 1 0 NATIONAL EXCHAN Name U-ALIPURDUAR 1&2 CEIPT (from 180MW) 1811,2-4 (k 400kV R) i.e BINAGURI (IRP 6*10MW) ARA 1&2 (k 220kV 4) i.e BIRPARA (IRP 6*10MW) - SALAKATI a IIII UR - DHALKEBAR DC (BANGLADESH) NAGAR -	151 2331 2319 33 0 0 43 WR-SR WGES Max (MW) 223 368 80 0 0 40 -76	0.0 0.0 0.0 0.0 0.0 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.3 29.5 36.7 0.0 0.0 0.0 0.0 75.9 Avg (MW) 189 352 50 0 1 -1 -713	2.3 2.9.5 3.6.7 4.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0