

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

To,

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता ७०००३३ Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 2. कार्यकारी निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
- 3. कार्यकारी निदेशक, प .क्षे .भा .प्रे .के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093 Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह, लापलंग, शिलोंग 793006 Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,२९ , रेस कोर्स क्रॉस रोड, बंगलुरु –५६०००९ Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.08.2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-अगस्त-2020 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध है ।

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 11th August 2020, is available at the NLDC website.

धन्यवाद,

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



Report for previous day

A Date of Reporting: 12-Aug-202

A Date of Reporting: 12-Aug-202

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	59359	41538	37289	22018	2760	162964
Peak Shortage (MW)	0	0	0	0	180	180
Energy Met (MU)	1334	964	864	473	53	3688
Hydro Gen (MU)	346	21	114	150	30	661
Wind Gen (MU)	24	106	192		-	321
Solar Gen (MU)*	28.95	15.33	68.72	4.45	0.03	117
Energy Shortage (MU)	0.0	0.0	0.0	0.0	1.3	1.3
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	61162	42096	40684	22489	2747	163719
Time Of Maximum Demand Met (From NLDC SCADA)	22:25	09:56	09:39	20:51	20:03	19:42

B. Frequency Profile (%)
Region FVI < 49.7 49.7 49.7 49.8 49.8 49.9 49.9 49.9 50.05 > 50.05
Relin dia 0.027 0.00 0.69 2.70 3.39 83.12 13.49

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	· -/	(MU)	\ '-'		(MU)
	Punjab	11244	0	253.4	139.1	-0.9	97	0.0
	Haryana	9207	0	202.3	184.7	1.5	292	0.0
	Rajasthan	10050	0	206.5	78.6	-2.4	275	0.0
	Delhi	5459	0	113.1	99.8	-1.9	244	0.0
NR	UP	21463	0	438.2	216.9	-1.4	394	0.0
	Uttarakhand	1792	0	39.6	22.0	0.3	155	0.0
	HP	1411	0	31.9	-2.8	-0.6	50	0.0
	J&K(UT) & Ladakh(UT)	2067	0	42.6	16.9	0.2	217	0.0
	Chandigarh	318	0	6.3	6.4	-0.1	27	0.0
	Chhattisgarh	3968	0	95.8	33.3	-0.4	185	0.0
	Gujarat	11506	0	257.6	65.1	0.4	579	0.0
	MP	8896	0	200.5	121.3	-1.7	586	0.0
WR	Maharashtra	16865	0	362.6	120.1	-4.1	560	0.0
	Goa	408	0	8.7	8.2	0.0	77	0.0
	DD	265	0	5.6	5.4	0.2	34	0.0
	DNH	668	0	15.1	15.0	0.1	44	0.0
	AMNSIL	801	0	17.8	7.5	0.2	223	0.0
	Andhra Pradesh	7712	0	165.1	39.6	1.1	491	0.0
	Telangana	9738	0	200.7	82.0	2.0	678	0.0
SR	Karnataka	7780	0	150.6	40.0	-3.5	428	0.0
	Kerala	2975	0	58.8	32.4	0.2	240	0.0
	Tamil Nadu	12935	0	281.6	88.2	-2.8	503	0.0
	Puducherry	374	0	7.7	7.8	-0.1	36	0.0
	Bihar	5417	0	116.6	106.2	2.7	400	0.0
	DVC	2902	0	65.5	-41.6	0.1	200	0.0
	Jharkhand	1518	0	28.2	23.6	-0.7	150	0.0
ER	Odisha	4627	0	88.4	11.5	-0.4	350	0.0
	West Bengal	8469	0	173.6	53.8	2.3	600	0.0
	Sikkim	87	0	1.0	1.2	-0.2	10	0.0
	Arunachal Pradesh	106	1	2.3	2.4	-0.1	11	0.0
	Assam	1771	167	33.6	29.9	0.3	182	1.2
	Manipur	179	1	2.6	2.5	0.2	35	0.0
NER	Meghalaya	287	0	5.2	0.1	-0.5	14	0.0
. ,	Mizoram	97	1	1.6	1.2	0.2	51	0.0
	Nagaland	119	1	2.4	2.4	-0.3	41	0.0
	Tripura	288	0	5.2	6.3	0.0	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	54.3	-3.0	-25.5
Day Peak (MW)	2312.0	-291.4	-1105.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	330.6	-300.9	57.5	-85.4	-1.7	0.0
Actual(MU)	338.0	-308.4	34.8	-64.6	-2.3	-2.5
IO/D/U/D(MU)	7.5	-7.5	-22.7	20.7	-0.6	-2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	4619	14573	12712	3765	610	36278
State Sector	10654	23448	14418	4952	47	53519
Total	15273	38021	27130	8717	656	89797

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	515	1029	318	419	7	2288
Lignite	20	8	25	0	0	53
Hydro	346	21	114	150	30	661
Nuclear	22	32	47	0	0	101
Gas, Naptha & Diesel	44	72	15	0	23	155
RES (Wind, Solar, Biomass & Others)	74	133	320	5	0	531
Total	1020	1294	841	574	61	3789
Share of RES in total generation (%)	7.23	10.27	38.11	0.79	0.05	14.03
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	43.27	14.31	57.35	26.86	50.40	34.13

H. All India Demand Diversity Factor

Dased on Regional Wax Demands	1.033
Based on State Max Demands	1.061

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 12-Aug-2020

Sl Voltage Level						Date of Reporting:	12-Aug-2020
	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
		140. Of Circuit	Max Import (MTM)	Max Export (MT)	Import (WC)	Export (MC)	THE (INC)
Import/Export of ER	(With NR)						
1 HVDC 2 HVDC	ALIPURDUAR-AGRA	2	0	1301	0.0	30.6	-30.6
2 HVDC 3 765 kV	PUSAULI B/B	-	0 22	398	0.0	9.5	-9.5 7.2
4 765 kV	GAYA-VARANASI SASARAM-FATEHPUR	1	398	669 128	0.0 5.3	7.3 0.0	-7.3 5.3
5 765 kV	GAYA-BALIA	1	0	523	5.3 0.0	5.2	5.3 -5.2
6 400 kV	PUSAULI-VARANASI	î	ŏ	316	0.0	6.6	-6.6
7 400 kV	PUSAULI -ALLAHABAD	1	0	153	0.0	2.7	-2.7
8 400 kV	MUZAFFARPUR-GORAKHPUR	2	Ů.	540	0.0	8.6	-8.6
9 400 kV	PATNA-BALIA	4	0	920	0.0	14.8	-14.8
10 400 kV	BIHARSHARIFF-BALIA	2	0	319	0.0	4.7	-4.7
11 400 kV	MOTIHARI-GORAKHPUR	2	0	321	0.0	4.9	-4.9
12 400 kV	BIHARSHARIFF-VARANASI	2	223	19	2.6	0.0	2.6
13 220 kV	PUSAULI-SAHUPURI	1	0	133	0.0	2.6	-2.6
14 132 kV	SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15 132 kV	GARWAH-RIHAND	-	30	0	0.4	0.0	0.4
16 132 kV 17 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	+ +	0	0	0.0	0.0	0.0
1/ 132 KV	KARMANASA-CHANDAULI	11		ER-NR	0.0 8.3	0.0 97.4	-89.2
Import/Export of ER	(With WR)			ER-M	0	7/.4	-07.2
1 765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1193	0	17.1	0.0	17.1
2 765 kV	NEW RANCHI-DHARAMJAIGARH	2	1619	0	29.0	0.0	29.0
3 765 kV	JHARSUGUDA-DURG	2	252	0	4.0	0.0	4.0
4 400 kV	JHARSUGUDA-RAIGARH	4	349	21	3.7	0.0	3.7
5 400 kV	RANCHI-SIPAT	2	604	0	10.7	0.0	10.7
6 220 kV	BUDHIPADAR-RAIGARH	1	0	106	0.0	1.2	-1.2
7 220 kV	BUDHIPADAR-KORBA	2	203	0	3.3	0.0	3.3
/ 420 KY	DODINI ADAK-KORDA	1 4	1 403	ER-WR			
Import/Export of ER	(With SR)			ER-WK	67.8	1.2	66.5
1 HVDC	JEYPORE-GAZUWAKA B/B	2	198	537	0.0	6.3	-6.3
2 HVDC	TALCHER-KOLAR BIPOLE	2	0	1735	0.0	35.6	-35.6
3 765 kV	ANGUL-SRIKAKULAM	2	Ŏ	1788	0.0	28.1	-28.1
4 400 kV	TALCHER-I/C	2	211	462	0.0	2.5	-2.5
5 220 kV	BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
				ER-SR	0.0	69.9	-69.9
Import/Export of ER							
1 400 kV	BINAGURI-BONGAIGAON	2	0	460	0.0	5.7	-5.7
2 400 kV	ALIPURDUAR-BONGAIGAON	2	0	486	0.0	4.4	-4.4
3 220 kV	ALIPURDUAR-SALAKATI	2	0	143	0.0	2.0	-2.0
	and Ma			ER-NER	0.0	12.1	-12.1
Import/Export of NEI	R (With NR)						
1 HVDC	BISWANATH CHARIALI-AGRA	2	0	704	0.0	17.0	-17.0
Immout/Emout of WD	(With ND)			NER-NR	0.0	17.0	-17.0
Import/Export of WR 1 HVDC	CHAMPA-KURUKSHETRA	2	0	1502	0.0	55.8	55 O
1 HVDC 2 HVDC				1502	0.0		-55.8
3 HVDC	VINDHYACHAL B/B MUNDRA-MOHINDERGARH	2	449 0	106 1920	6.7 0.0	1.0 42.8	5.7 -42.8
4 765 kV	GWALIOR-AGRA	2	0	2814	0.0	53.8	-42.8 -53.8
5 765 kV	PHAGI-GWALIOR	2	0	2814 1440	0.0	25.7	-55.8 -25.7
6 765 kV	JABALPUR-ORAI	2	0	1106	0.0	41.8	-25.7 -41.8
7 765 kV	GWALIOR-ORAI	ī	385	0	7.7	0.0	7.7
8 765 kV	SATNA-ORAI	î	0	1538	0.0	33.1	-33.1
9 765 kV	CHITORGARH-BANASKANTHA	2	Ŏ	1164	0.0	14.0	-14.0
10 400 kV	ZERDA-KANKROLI	1	39	184	0.0	1.5	-1.5
11 400 kV	ZERDA -BHINMAL	1	144	209	0.0	1.4	-1.4
12 400 kV	VINDHYACHAL -RIHAND	1	971	0	22.3	0.0	22.3
13 400 kV	RAPP-SHUJALPUR	2	0	514	0.0	7.6	-7.6
	BHANPURA-RANPUR	1	11	0	0.0	1.8	-1.8
14 220 kV							
15 220 kV	BHANPURA-MORAK	1	0	77	0.0	1.4	-1.4
15 220 kV 16 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA	1	77	77 0	0.2	0.1	0.1
15 220 kV 16 220 kV 17 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1 1	77 44	77 0 18	0.2 0.8	0.1 0.0	0.1 0.8
15 220 kV 16 220 kV 17 220 kV 18 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1 1	77 44 0	77 0 18 0	0.2 0.8 0.0	0.1 0.0 0.0	0.1 0.8 0.0
15 220 kV 16 220 kV 17 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1 1 1 2	77 44	77 0 18 0	0.2 0.8 0.0 0.0	0.1 0.0 0.0 0.0	0.1 0.8 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 1 2	77 44 0	77 0 18 0	0.2 0.8 0.0	0.1 0.0 0.0	0.1 0.8 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV Import/Export of WR	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1 1 2	77 44 0 0	77 0 18 0 0 WR-NR	0.2 0.8 0.0 0.0 37.7	0.1 0.0 0.0 0.0 281.7	0.1 0.8 0.0 0.0 -244.0
15	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B	1 1 1 1 2	77 44 0	77 0 18 0	0.2 0.8 0.0 0.0 37.7	0.1 0.0 0.0 0.0 281.7	0.1 0.8 0.0 0.0 -244.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV Import/Export of WR	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	-	77 44 0 0	77 0 18 0 0 WR-NR	0.2 0.8 0.0 0.0 37.7	0.1 0.0 0.0 0.0 281.7	0.1 0.8 0.0 0.0 -244.0
15	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARIF-PUGALUR SOLAPUR-RAICHUR	- 2	77 44 0 0	77 0 18 0 0 0 WR-NR 491 0 0	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0	0.1 0.8 0.0 0.0 -244.0 -5.7 0.0 9.5
15 220 kV 16 220 kV 17 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR	2 2 2 2 2	77 44 0 0 178 0 1709	77 0 18 0 0 WR-NR	0.2 0.8 0.0 0.0 37.7 1.1 0.0	0.1 0.0 0.0 0.0 281.7	0.1 0.8 0.0 0.0 -244.0 -5.7 0.0
15 220 kV 17 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 16 220 kV 17 16 16 17 17 17 17 17	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITFUR (With SR) BHADRAWATI B/B RAIGARI-FUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2	77 44 0 0 0 178 0 178 0 1709 0 1023	77 0 18 0 0 WR-NR 491 0 959 1858	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 17 220 kV 17 220 kV 18 17 18 18 18 18 18 18	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 2	77 44 0 0 0 178 0 1709 0 1023	77 0 18 0 0 WR-NR 491 0 959 1858 0 0	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0
15 220 kV 17 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 16 220 kV 17 16 16 17 17 17 17 17	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITFUR (With SR) BHADRAWATI B/B RAIGARI-FUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2	77 44 0 0 0 178 0 178 0 1709 0 1023	777 0 18 0 0 WR-NR 491 0 959 1858 0 0 79	0.2 0.8 0.0 0.0 37.7 1.1 0.0 2.5 0.0 0.0 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 17 220 kV 17 220 kV 18 17 18 18 18 18 18 18	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 2 1	77 44 0 0 0 178 0 1709 0 1023 0 0	777 0 18 0 WR-NR 491 0 959 1858 0 0 WR-SR	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 17 220 kV 17 220 kV 18 17 18 18 18 18 18 18	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 1	77 44 0 0 0 178 0 178 0 1709 0 1023	777 0 18 0 WR-NR 491 0 959 1858 0 0 WR-SR	0.2 0.8 0.0 0.0 37.7 1.1 0.0 2.5 0.0 0.0 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWAIT B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	- 2 2 2 2 2 2 2 2 2 1 1	77 44 0 0 0 178 0 1709 0 1023 0 0 1023 1 NATIONAL EXCHA	777 0 18 0 WR-NR 491 0 959 1858 0 0 0 WR-SR	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.1 0.0 0.0 1.1 0.0 0.0	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 12.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 4 765 kV 5 400 kV 6 220 kV 7 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 16 16 220 kV 7 220 kV 7 220 kV 7 220 kV 17 220 kV 17 220 kV 17 220 kV 18 17 18 18 18 18 18 18	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARIP-UGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	- 2 2 2 2 2 2 2 2 2 1 1 1 1	77 44 0 0 178 0 178 0 1709 0 1023 0 0 1 NATIONAL EXCHA	777 0 18 0 WR-NR 491 0 959 1858 0 0 WR-SR	0.2 0.8 0.0 0.0 37.7 1.1 0.0 2.5 0.0 0.0 0.0 15.0 0.0	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0	0.1 0.8 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 2 2 1 1 1 INTER 400KV MANGDECHH	77. 44 0 0 178 0 1778 0 1709 0 1023 0 1023 1 NATIONAL EXCHA: Name	77 0 18 0 WR-NR 0 WR-NR 491 0 9559 1858 0 0 0 79 WR-SR NGES Max (MW)	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWAIT B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUGGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI		77 44 0 0 178 0 178 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA	777 0 18 0 WR-NR 491 0 959 1858 0 0 0 WR-SR	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.1 0.0 0.0 1.1 0.0 0.0	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 12.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 2 1 1 1 INTER 400KV MANGDECHH Le ALIPURDUU RE P	77. 44. 0 0 0 178. 0 1709. 0 1023. 0 0 1023. NATIONAL EXCHA! Name U-ALIPURDUAR I&2 CEIPT (from ±189MW)	77 0 18 0 WR-NR 0 WR-NR 491 0 9559 1858 0 0 0 79 WR-SR NGES Max (MW)	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RRIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 2 2 1 1 1 1 INTER Line 400KV MANGDEAR RE MANGY DALAH BIPAGI	77 444 0 0 178 0 178 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from 19180MW) 181 12,4 (& 400kV	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 1.0 2.0 Energy Exchange (MU)
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 2 1 1 INTER ### AUDIT OF THE HE ALIPURCHU A FR P 400kV MANGDECHH LEA ALIPURCHU A FR P 400kV TALA BINAGU MALBASE BINAGU MALBASE BINAGU	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 1 1023 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from = 1/2) 180MW) IRI 1,2,4 (& 4000V RR) i.e. BINAGURI	77 0 18 0 WR-NR 0 WR-NR 491 0 9559 1858 0 0 0 79 WR-SR NGES Max (MW)	0.2 0.8 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6	0.1 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RRIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 2 1 1 1 INTER Line 400KV MANGDEAR RE 400KV MANGDEAR HE 400KV TALA-BIFF AG MAGY TALA-BIFF AG MAGEEBIFF EIDMAGU MALEBIFF	77 44 0 0 178 0 178 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR I&2 CEIPT (from 18 12,4 (4 400kV) RD 14,2 (4 400kV) RD 16,8 BINAGURI REP (6*170MW)	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 1.0 2.0 Energy Exchange (MU)
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 18 140 kV 18 140 kV 18 140 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR (With SR) BHAORAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION ER ER	2 2 2 2 2 1 1 INTER Line 400kV MANGDECHH te AALPURCHU AR RE 40MKV BASE - BINAGU MOKU BASE - BINAGU RECEIPT (from TAL	77. 444 0 0 178 0 178 0 179 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from = 1/2 180 MW) RR 1,2,4 (& 4000V RR) 1,6 BINAGURI MEP 1/6 - 170 MW) PARA 1&2 (& 2 200V	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 2 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV 8 220 kV 16 16 16 16 16 16 16 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RRIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	2 2 2 2 2 1 1 1 INTER Line Horn Mangdechu Hery 400KV MANGDECHU Hery 400KV TALS BINAGI MALBASE - BINAGI MALBASE - BIRPAR MALBASE - BIRPAR	77. 444 0 0 0 178 0 178 0 0 1709 0 1023 0 0 1023 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 1,2,4 fx 400kV RI) i.e. BINAGURI MEP (6+10MW) PARA 182 (8 220kV	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 -244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 1.0 2.0 Energy Exchange (MU)
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 18 140 kV 18 140 kV 18 140 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR (With SR) BHAORAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION ER ER	2 2 2 2 1 1 1 INTER Line 400RV MANGDUCHR i.e. ALIPUDIAR RE MANGY DALLA BINA'G MALBASE - BINA'G MALBASE - BINA'G MALBASE - BIRPA'R MALBASE - BIRPA'R MALBASE - BIRPA'R RECEIPT (from CHU	77. 444 0 0 0 178 0 1779 0 1023 0 0 1023 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from **189MW) RI 1.2.4 fx 400kV RI 1.6. BINAGURI MEP (6*170MW) PARA 182 (8: 220kV	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 18 140 kV 18 140 kV 18 140 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR (With SR) BHAORAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION ER ER	2 2 2 2 2 1 1 1 INTER Line Horn Mangdechu Hery 400KV MANGDECHU Hery 400KV TALS BINAGI MALBASE - BINAGI MALBASE - BIRPAR MALBASE - BIRPAR	77. 444 0 0 0 178 0 1779 0 1023 0 0 1023 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from **189MW) RI 1.2.4 fx 400kV RI 1.6. BINAGURI MEP (6*170MW) PARA 182 (8: 220kV	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-JALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 1 1 1 INTER Line 400RV MANGDUCHR i.e. ALIPUDIAR RE MANGY DALLA BINA'G MALBASE - BINA'G MALBASE - BINA'G MALBASE - BIRPA'R MALBASE - BIRPA'R MALBASE - BIRPA'R RECEIPT (from CHU	77. 444 0 0 0 178 0 1779 0 1023 0 0 1023 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from **189MW) RI 1.2.4 fx 400kV RI 1.6. BINAGURI MEP (6*170MW) PARA 182 (8: 220kV	777 0 18 0 WR-NR 491 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER	2 2 2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPUDAR RE MANGDECHU HEP-4 400KV MANGDECHU HEP-4 400KV MANGDECH HE	77. 444 0 0 178 0 178 0 179 0 1709 0 1023 0 0 1 123 1023 1023 1023 11 11 NATIONAL EXCHA Name ULALIPURDUAR 1&2 CICIPT (from 18) 18180MW) 181 1,2,4 (& 400kV R) 181 1,2,4 (& 400kV	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-JALITPUR (With SR) BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUEGI KOLHAPUR-KUEGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 1 1 1 INTER Line 400RV MANGDUCHR i.e. ALIPUDIAR RE MANGY DALLA BINA'G MALBASE - BINA'G MALBASE - BINA'G MALBASE - BIRPA'R MALBASE - BIRPA'R MALBASE - BIRPA'R RECEIPT (from CHU	77. 444 0 0 178 0 178 0 179 0 1709 0 1023 0 0 1 123 1023 1023 1023 11 11 NATIONAL EXCHA Name ULALIPURDUAR 1&2 CICIPT (from 18) 18180MW) 181 1,2,4 (& 400kV R) 181 1,2,4 (& 400kV	777 0 18 0 WR-NR 491 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW)	0.1 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER	2 2 2 2 1 1 1 INTER Line 400KV MAUGDECHH Le. ALIPUDAR RE MONG DECHA HEP 4 400KO TALLHEP 4 40KO TALLHEP 4 40KO TALLHEP 4 10 RECEIPT GON TALL 220KV CHUKHA-BIR RECEIPT GON CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV Motanga-Rangi	77. 444 0 0 178 0 178 0 179 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR I&2 CEIPT (from IST 12,4 (\$400KV) RD i.e. BIRNAGURI HEP (\$6710MW) PARA I&2 (\$6 220KV) A) i.e. BIRNAGURI KHA HEP 4*84MW) - SALAKATI	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REGION ER ER ER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHH LALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 100kV MANGDECHH LAALIPURDIUL HEF 4 10kV MANGDECHH LAALIPURDI	77. 444 0 0 178 0 178 0 179 1709 0 1023 0 1023 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from ***!88MW) 18T 1,2,4 (& 400kV R) RI 1,2,4 (& 400kV R) 18T 1,2,4 (& 400kV R) 1	777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72	0.2 0.8 0.0 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57	0.1 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHANFURA-MORAK MEHGAON-AURAIYA MALANFUR-AURAIYA MALANFUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER ER	2 2 2 2 1 1 1 INTER Line 400KV MAUGDECHH Le. ALIPUDAR RE MONG DECHA HEP 4 400KO TALLHEP 4 40KO TALLHEP 4 40KO TALLHEP 4 10 RECEIPT GON TALL 220KV CHUKHA-BIR RECEIPT GON CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV Motanga-Rangi	77. 444 0 0 178 0 178 0 179 1709 0 1023 0 1023 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEIPT (from ***!88MW) 18T 1,2,4 (& 400kV R) RI 1,2,4 (& 400kV R) 18T 1,2,4 (& 400kV R) 1	777 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056	0.2 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 0.0 1.0 26.6 Min (MW)	0.1 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REGION ER ER ER NER	2 2 2 2 2 1 1 1 INTER Line 400KV MIPURQDER HI tie, ALIPURQDER HI tie, ALIPURQUER HEP, 4 400KV MIPURQDER HEP, 4 400	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72	0.2 0.8 0.0 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57	0.1 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4
15 220 kV 16 220 kV 17 220 kV 17 220 kV 19 132 kV 19 132 kV 1 140 kV 15 140 kV 16 140 kV 17 140 kV 17 140 kV 18 140 kV 140	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REGION ER ER ER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHH LALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 400kV MANGDECHH LAALIPURDIUL HEF 4 100kV MANGDECHH LAALIPURDIUL HEF 4 10kV MANGDECHH LAALIPURDI	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72	0.2 0.8 0.0 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57	0.1 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RRIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 2 2 1 1 1 INTER Line 400KV MIPURQDER HI tie, ALIPURQDER HI tie, ALIPURQUER HEP, 4 400KV MIPURQDER HEP, 4 400	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 0 18 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-J-ALITPUR (With SR) BHADRAWAIT B/B BHADRAWAIT B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REJONDA-AMBEWADI REJONDA-AMBEWADI ER ER ER NER NER NER	2 2 2 2 2 1 1 1 INTER Line 400KV MANGDECHH Le. ALIPURDUAR RE MANGY TALABNAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 220KV CHUKHA-BIR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPURGR MAHENDRANAGAR 132KV-BIHAR - NEP.	77. 444 0 0 0 178 0 178 0 1709 0 1023 0 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 12.4 (4 400KV RI) i.e. BINAGURI AMP (4 20 4 20 KV AMP (777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 15.0 0.0 1039 0 1039 0 -27	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -28	0.1 0.8 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4 -0.7
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RRIGARIP-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER NER	2 2 2 2 2 1 1 1 INTER Line 400KV MIPURDDER HH Le. ALI PURDUE HEP, 400KV MIPURDUE HEP, 400KV MIPURDUE HEP, 400KV MIPURDUE HEP, 400KV HIPURDUE HEP,	77. 444 0 0 0 178 0 178 0 1709 0 1023 0 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 12.4 (4 400KV RI) i.e. BINAGURI AMP (4 20 4 20 KV AMP (777 0 18 0 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-J-ALITPUR (With SR) BHADRAWAIT B/B BHADRAWAIT B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REJONDA-AMBEWADI REJONDA-AMBEWADI ER ER ER NER NER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHH Line 400kV MANGDECHH Line 400kV MANGDECHU HEP 4 400kV TANGDECHU HEP 4 400kV TANGDECHU HEP 4 400kV TANGDECHU HEP 4 100kV MANGDECH TOON TAL LINE MALBASE - BIRPAR 132kV - GEYLEGPHU 132kV Motanga-Rangi 132kV - TANAKPUR() MAHENDRANAGAR 132kV - BIHAR - NEP. 220kV - MUZAFFARP	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 12.4 (4 400KV RI) i.e. BINAGURI AMP 184 184 184 184 184 184 184 184 184 184	777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 15.0 0.0 1039 0 1039 0 -27	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -28	0.1 0.8 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4 -0.7
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWAI BB BHADRAWATI BB RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER	2 2 2 2 2 1 1 1 1 INTER Line 400KV MANGDECHH ie. ALIPURDUR RE MANGDEZHE ie. ALIPURDUR RE MONGDEZHE ie. ALIPURDUR RE MONGDEZHE ie. ALIPURDUR RE MONGDEZHE ie. ALIPURDUR RE MONGDEZHE III. ALIPUR II	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 12.4 (8 400KV RI) i.e. BINAGURI RI 12.4 (8 400KV RI) i.e. BINAGURI RI PEP (8-170MW) ARA 182 (8 220KV A) i.e. BINAGURI RI PEP (8-170MW) - SALAKATI a HHP (9-170MW) - SALAKATI a AL	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50 -37	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52 -28	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-J-ALITPUR (With SR) BHADRAWAIT B/B BHADRAWAIT B/B RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REJONDA-AMBEWADI REJONDA-AMBEWADI ER ER ER NER NER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHH Line 400kV MANGDECHH Line 400kV MANGDECHU HEP 4 400kV TANGDECHU HEP 4 400kV TANGDECHU HEP 4 400kV TANGDECHU HEP 4 100kV MANGDECH TOON TAL LINE MALBASE - BIRPAR 132kV - GEYLEGPHU 132kV Motanga-Rangi 132kV - TANAKPUR() MAHENDRANAGAR 132kV - BIHAR - NEP. 220kV - MUZAFFARP	77. 444 0 0 178 0 178 0 1709 0 1023 0 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CEIPT (from 181 12.4 (8 400KV RI) i.e. BINAGURI RI 12.4 (8 400KV RI) i.e. BINAGURI RI PEP (8-170MW) ARA 182 (8 220KV A) i.e. BINAGURI RI PEP (8-170MW) - SALAKATI a HHP (9-170MW) - SALAKATI a AL	777 0 18 0 18 0 WR-NR 491 0 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 15.0 0.0 1039 0 1039 0 -27	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -28	0.1 0.8 0.8 0.0 0.0 0.0 0.0 0.0 244.0 -5.7 0.0 9.5 -17.7 15.0 0.0 0.0 1.0 2.0 Energy Exchange (MU) 17.9 25.5 8.2 -1.4 -0.7
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 5 400 kV 7 220 kV 8 220 kV 8 220 kV	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWAI BB BHADRAWATI BB RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER	2 2 2 2 2 2 1 1 1 1 INTER Line Line 400KV MANGDECHH Le. ALIPUNJAR RE MANGDECHI HEP 4 400KV TALABINAGI MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR 132KV-TANAKPUR 132KV-BHAR-NEP	77 44 44 0 0 178 0 178 0 1709 1023 0 1023 0 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 182 CCEIPT (from 18 18,24 (& 400KV RI) i.e. BINAGURI AHEP (6° 170MW) PARA 182 (& 220KV A) i.e. BIRPA K KHA HEP 4° 84MW) - SALAKATI a SH) - (PG) AL UR - DHALKEBAR	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50 -37	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52 -28	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 6 220 kV 8 220 kV State	BHAPPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWAI BB BHADRAWATI BB RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER	2 2 2 2 2 1 1 1 INTER Line 400KV MADURDER HE Le. ALIDEDCH LE. ALIDE	77. 444 0 0 178 0 178 0 179 1709 0 1023 0 0 1 128 1023 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 180MW) PIRI 1,2,4 (& 400kV R) RI 1,2,4 (& 400	777 0 18 0 18 0 0 WR-NR 491 0 0 959 1858 0 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50 -37	0.2 0.8 0.8 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 1039 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52 -28	0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
15 220 kV 16 220 kV 17 220 kV 18 132 kV 19 132 kV 19 132 kV 1 HVDC 3 765 kV 5 400 kV 7 220 kV 8 220 kV State State BHUTAN BHUTAN NEPAL	BHAPPURA-MORAK MEHGAON-AURAIYA MAI ANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR RAJGHAT-LALITPUR RAJGHAT-HALITPUR RAJGHAT-HALITPUR RAJGHAT-HUR WIth SR) BHADRAWATI B/B RAJGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUKODI PONDA-AMBEWADI REGION ER ER ER NER ER ER NER NER NER	2 2 2 2 2 2 1 1 1 1 INTER Line Line 400KV MANGDECHH Le. ALIPUNJAR RE MANGDECHI HEP 4 400KV TALABINAGI MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from CHU 132KV-GEYLEGPHU 132KV-GEYLEGPHU 132KV-TANAKPUR 132KV-TANAKPUR 132KV-BHAR-NEP	77. 444 0 0 178 0 178 0 179 1709 0 1023 0 0 1 128 1023 1 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 180MW) PIRI 1,2,4 (& 400kV R) RI 1,2,4 (& 400	777 0 18 0 18 0 WR-NR 491 99 959 1858 0 0 79 WR-SR NGES Max (MW) 765 1056 420 -72 -79 -50 -37	0.2 0.8 0.8 0.0 0.0 0.0 0.0 37.7 1.1 0.0 9.5 0.0 15.0 0.0 15.0 0.0 1.0 26.6 Min (MW) 0 -27 -31	0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 281.7 6.8 0.0 0.0 17.7 0.0 0.0 0.0 24.5 Avg (MW) 748 1056 342 -57 -52 -95	0.1 0.8 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0