

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

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

दिनांक: 28th Oct 2020

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033

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

Sub: Daily PSP Report for the date 27.10.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-अक्टूबर-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 27th October 2020, is available at the NLDC website.

धन्यवाद.

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



Report for previous day
A. Power Supply Position at All India and Regional level

Date of Reporting: 28-Oct-2020

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	46193	50162	38582	18477	2671	156085
Peak Shortage (MW)	370	0	60	0	7	437
Energy Met (MU)	969	1156	867	368	46	3406
Hydro Gen (MU)	134	26	132	94	24	409
Wind Gen (MU)	3	31	13	-	-	47
Solar Gen (MU)*	35.53	29.37	97.34	4.73	0.09	167
Energy Shortage (MU)	0.9	0.2	0.1	0.0	0.0	1.2
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	46567	51811	39813	18718	2784	156968
Time Of Maximum Demand Met (From NLDC SCADA)	09:53	11:22	12:27	18:22	17:34	18:26

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	0.41	6.42	6.83	78.51	14.66

		Max.Demand		Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		day(MW)	Demand(MW)	` '	(MU)	(-/	, ,	(MU)
	Punjab	5833	0	118.8	82.7	-0.8	100	0.0
	Haryana	6231	0	136.5	126.2	-0.3	277	0.0
	Rajasthan	12100	0	241.4	93.5	2.3	275	0.0
	Delhi	3515	0	68.2	51.5	-0.1	147	0.0
NR	UP	15078	370	289.2	122.7	0.5	564	0.9
	Uttarakhand	1806	0	35.2	26.1	-0.2	85	0.0
	HP	1499	0	29.1	19.0	0.4	96	0.0
	J&K(UT) & Ladakh(UT)	2525	0	47.6	37.5	1.3	346	0.0
	Chandigarh	182	0	3.1	3.2	-0.1	8	0.0
	Chhattisgarh	3548	0	77.0	27.1	-1.7	299	0.0
	Gujarat	15906	0	351.2	75.0	1.8	485	0.0
	MP	11957	0	252.5	153.0	-1.9	523	0.0
WR	Maharashtra	19311	0	424.0	131.2	-2.6	407	0.0
20	Goa	487	0	9.4	9.5	-0.7	53	0.2
	DD	344	0	7.5	7.4	0.1	32	0.0
	DNH	776	0	17.9	18.0	-0.1	35	0.0
	AMNSIL	777	0	16.8	2.1	0.0	239	0.0
	Andhra Pradesh	8097	0	171.3	76.8	-0.7	403	0.0
	Telangana	7470	0	153.4	48.8	-1.4	402	0.0
SR	Karnataka	7788	0	152.8	51.3	-0.8	368	0.0
	Kerala	3382	60	70.5	45.8	0.0	218	0.1
	Tamil Nadu	14563	0	311.0	187.4	1.4	622	0.0
	Puducherry	375	0	7.6	7.9	-0.3	23	0.0
	Bihar	4604	0	80.4	77.9	-1.5	495	0.0
	DVC	3745	0	61.1	-44.7	-0.2	273	0.0
	Jharkhand	1345	0	25.5	19.7	-2.2	85	0.0
ER	Odisha	4118	0	79.8	11.9	-1.8	266	0.0
	West Bengal	6415	0	120.8	30.4	0.0	443	0.0
	Sikkim	71	0	0.9	1.1	-0.3	20	0.0
	Arunachal Pradesh	114	1	2.2	2.1	0.2	32	0.0
	Assam	1655	6	26.9	23.2	0.4	132	0.0
	Manipur	204	2	2.6	2.6	0.1	21	0.0
NER	Meghalaya	329	0	5.8	-0.9	0.0	36	0.0
	Mizoram	102	2	1.6	0.7	0.6	29	0.0
	Nagaland	139	1	2,3	2.2	-0.1	12	0.0
	Tripura	274	2	4.7	4.4	0.0	42	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	31.8	-0.1	-25.8
Day Peak (MW)	1539.0	-32.0	-1111.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	308.6	-283.3	110.9	-128.3	-7.9	0.0
Actual(MU)	306.5	-276.0	118.1	-153.2	-6.5	-11.2
O/D/U/D(MU)	-2.1	7.3	7.2	-24.9	1.4	-11.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	6210	15405	11542	1970	660	35787
State Sector	14679	14392	13128	6605	11	48815
Total	20889	29797	24670	8575	671	84601

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	425	1244	373	456	7	2504
Lignite	20	9	24	0	0	53
Hydro	134	26	132	94	24	409
Nuclear	28	21	69	0	0	117
Gas, Naptha & Diesel	24	86	16	0	28	155
RES (Wind, Solar, Biomass & Others)	49	61	143	5	0	258
Total	679	1448	758	554	59	3497
Share of RES in total generation (%)	7.22	4.24	18.88	0.86	0.15	7.39
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	31.00	7.45	45.44	17.77	40.46	22.44

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.017
Based on State Max Demands	1.062

Diversity factor = Sum of regions

Diversity factor = Sum of regions 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: 28-Oct-2020

INO I							Date of Reporting:	28-Oct-2020
1	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1	t/Export of ER (With NR)	l.					
2 1	HVDC	ALIPURDUAR-AGRA	2	0	701	0.0	15.6	-15.6
3	HVDC 765 kV	PUSAULI B/B GAYA-VARANASI	- 2	0	297 918	0.0	7.2 14.8	-7.2 -14.8
4	765 kV	SASARAM-FATEHPUR	ĩ	ŏ	418	0.0	5.1	-5.1
5	765 kV	GAYA-BALIA	1	0	541	0.0	9.5	-9.5
7	400 kV 400 kV	PUSAULI-VARANASI PUSAULI -ALLAHABAD	1	0	214 178	0.0	4.0 3.0	-4.0
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	0	954	0.0	13.6	-3.0 -13.6
9	400 kV	PATNA-BALIA	4	ŏ	1123	0.0	19.5	-19.5
10	400 kV	BIHARSHARIFF-BALIA	2	0	512	0.0	7.4	-7.4
11	400 kV 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0 26	233 316	0.0	5.3 3.2	-5.3 -3.2
13	220 kV	PUSAULI-SAHUPURI	ĩ	0	125	0.0	1.8	-1.8
14	132 kV	SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	1	20	0	0.4	0.0	0.4
16 17	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	+	0	0	0.0 0.0	0.0	0.0 0.0
-1/	132 K (RARMANASA-CHANDAULI			ER-NR	0.4	109.8	-109.4
Import	t/Export of ER (
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	912	484	3.0	0.0	3.0
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	666	16551	3.1	0.0	3.1
3	765 kV	JHARSUGUDA-DURG	2	0	201	0.0	2.3	-2.3
4	400 kV	JHARSUGUDA-RAIGARH	4	83	323	0.0	2.9	-2.9
5	400 kV	RANCHI-SIPAT	2	221	161	0.6	0.0	0.6
6	220 kV	BUDHIPADAR-RAIGARH	1	0	157	0.0	2.5	-2.5
7	220 kV	BUDHIPADAR-KORBA	2	102	14	1.1	0.0	1.1
Ime	t/Evnort FFP /	With CD)			ER-WR	7.8	7.8	0.1
import 1	t/Export of ER (HVDC	JEYPORE-GAZUWAKA B/B	,	0	531	0.0	9.4	-9.4
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1252	0.0	24.9	-24.9
3	765 kV	ANGUL-SRIKAKULAM	2	0	3285	0.0	54.1	-54.1
4	400 kV	TALCHER-I/C	2	902	0	19.2	0.0	19.2
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0 ER-SR	0.0	0.0 88.3	-88.3
Import	t/Export of ER (With NER)			ER-3R	υ.υ	00.3	-00.3
1	400 kV	BINAGURI-BONGAIGAON	2	11	387	0.0	2.3	-2.3
2	400 kV	ALIPURDUAR-BONGAIGAON	2	103	461	0.0	1.2	-1.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	119 ER-NER	0.0	1.2	-1.2
Import	t/Export of NER	(With NR)			EK-NER	0.0	4.7	-4.7
1		BISWANATH CHARIALI-AGRA	2	0	703	0.0	13.2	-13.2
					NER-NR	0.0	13.2	-13.2
	t/Export of WR				2011			
1	HVDC HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0 444	3014 302	0.0 2.9	38.5 1.5	-38.5 1.4
3	HVDC	MUNDRA-MOHINDERGARH	2	0	1922	0.0	40.3	-40.3
4	765 kV	GWALIOR-AGRA	2	ŏ	2789	0.0	44.5	-44.5
5	765 kV	PHAGI-GWALIOR	2	0	1726	0.0	27.0	-27.0
6	765 kV	JABALPUR-ORAI	2	0 755	1135	0.0	35.4	-35.4
7 8	765 kV 765 kV	GWALIOR-ORAI SATNA-ORAI	1	755 0	0 1472	12.0 0.0	0.0 29.8	12.0 -29.8
9	765 kV	CHITORGARH-BANASKANTHA	2	136	1087	0.0	9.5	-29.5 -9.5
10	400 kV	ZERDA-KANKROLI	1	63	185	0.0	0.9	-0.9
11	400 kV	ZERDA -BHINMAL	1	0	403	0.0	4.1	-4.1
12	400 kV	VINDHYACHAL -RIHAND	1	978	0	22.5	0.0	22.5
13	400 kV	RAPP-SHUJALPUR	2	0	486	0.0	5.2	-5.2
14 15	220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK	1	6 11	102 0	0.0	1.0 0.3	-1.0 0.0
16	220 kV	MEHGAON-AURAIYA	i	107	0	0.6	0.0	0.6
17	220 kV	MALANPUR-AURAIYA	1	68	15	1.3	0.0	1.3
18	132 kV							0.0
19		GWALIOR-SAWAI MADHOPUR	1	0	0	0.0	0.0	U.U
19	132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 2	0	0	0.0	0.0	0.0
	132 kV	RAJGHAT-LALITPUR	•					0.0 -198.3
	132 kV	RAJGHAT-LALITPUR (With SR)	•		0 WR-NR	0.0 39.6	0.0 237.9	0.0 -198.3
Import 1 2	132 kV t/Export of WR HVDC HVDC	RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2 - 2	0 0	0 WR-NR 522 1489	0.0 39.6 0.0 0.0	0.0 237.9 12.3 17.8	0.0 -198.3 -12.3 -17.8
Import 1 2 3	132 kV t/Export of WR HVDC HVDC 765 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2	0 0 0 567	0 WR-NR 522 1489 2721	0.0 39.6 0.0 0.0 0.0	0.0 237.9 12.3 17.8 26.6	0.0 -198.3 -12.3 -17.8 -26.6
Import 1 2 3 4	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2 2 2 2 2	0 0 0 567 60	0 WR-NR 522 1489 2721 2246	0.0 39.6 0.0 0.0 0.0 0.0	0.0 237.9 12.3 17.8 26.6 25.7	0.0 -198.3 -12.3 -17.8 -26.6 -25.7
Import 1 2 3 4 5	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV	RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2 2 2 2 2	0 0 0 567 60 788	0 WR-NR 522 1489 2721 2246 63	0.0 39.6 0.0 0.0 0.0 0.0 6.1	0.0 237.9 12.3 17.8 26.6 25.7 0.0	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 6.0
Import 1 2 3 4	132 kV #WDC HVDC 765 kV 765 kV 400 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2 2 2 2 2	0 0 0 567 60	0 WR-NR 522 1489 2721 2246	0.0 39.6 0.0 0.0 0.0 0.0	0.0 237.9 12.3 17.8 26.6 25.7	0.0 -198.3 -12.3 -17.8 -26.6 -25.7
Import 1 2 3 4 5 6	132 kV #WDC HVDC 765 kV 765 kV 400 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2 2	0 0 0 567 60 788 0	0 WR-NR 522 1489 2721 2246 63 0 0 46	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 0.0 0.0 0.7
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 2 1	0 0 567 60 788 0 0	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 6.0 0.0
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 1 1 INTER	0 0 0 567 60 788 0 0 1	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0	0.0 237.9 12.3 17.8 26.6 0.0 0.0 0.0 0.0 82.4	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 0.0 0.7 -75.6
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 1 1 INTER	0 0 567 60 788 0 0	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 0.0 82.4	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 0.0 0.7 -75.6 Energy Exchange
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 1 1 INTER Line 400KV MANGDECHE	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0 0.0 0.0	0.0 237.9 12.3 17.8 26.6 0.0 0.0 0.0 0.0 82.4	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 0.0 0.7 -75.6
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 1 1 1 INTER 400KV MANGDECHH Le. ALIPUNAR RE	0 0 0 567 60 788 0 1 NATIONAL EXCHA Name Uu-ALIPURDUAR 1&2 CEEPT (from	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0 0.0 0.0	0.0 237.9 12.3 17.8 26.6 0.0 0.0 0.0 0.0 82.4	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 0.0 0.7 -75.6 Energy Exchange
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le ALIPURDUA R R	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name UU-ALIPURDUAR 1 & 2 CEIPT (from 2180MW)	0 WR-NR 522 1489 2721 22246 63 0 0 WR-SR NGES	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW)	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGion ER	2 2 2 2 2 2 2 1 1 INTER INTER 400KV MANGDECHI ie. ALIPURDUAR RE MANGDECHU HEP. 400KV TALA BINAGI	0 0 0 567 60 788 0 0 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CEEPT (from 19180MW)	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR NGES Max (MW) 416	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0 0.7 6.7	0.0 237.9 17.8 26.6 0.0 0.0 0.0 82.4 Avg (MW)	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII)
Import 1 2 3 4 5 6 7	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHH ie. ALIPURDUAR RE MANGDECHU HEP. 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MECERIPT (From TALA	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA Name VILVALIPURDUAR 1&2 CEIPT (from 1918)06WV) RI) i.e. BINAGURI A HEP (6*120MW)	0 WR-NR 522 1489 2721 22246 63 0 0 WR-SR NGES	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW)	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHH Le. ALIPURDUAR RE MANGDECHH HEP 400kV TALA-BINAGI RECEIPT (from TALL ZUNKY CHUKHA-BIR	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA Name UU-ALIPURDUAR 1&2 CCEIPT (from #2180MW) P\$180MW) RI 1,2,4 (& 400kV RI b.E) RI 1,6 (#100MW) PARA 1&2 (& 220kV	0 WR-NR 522 1489 2721 22246 63 0 WR-SR WR-SR Max (MW) 416	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8
Import 1 2 3 4 5 5 6 7 8	132 kV t/Export of WR HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGion ER	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR HE MANGDECHU HEP- 300kV TALS BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA NAME UU-ALIPURDUAR 182 CCEIPT (from \$^{1}\$12,41,6400KV RI) i.e. BINAGURI Aliep (6^{1}\$100VV) PARA 182 (8,220KV	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR NGES Max (MW) 416	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.0 0.7 6.7	0.0 237.9 17.8 26.6 0.0 0.0 0.0 82.4 Avg (MW)	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII)
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP- JONEV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA NAME ULALIPURDUAR 1&2 CCEIPT (from 18112,41 & 400kV RI) Le, BINAGURI AIREP (6*120VIV) PARA 1&2 (& 220kV A) Le, BIRPAGURI KHA HEP 4*84MW)	0 WR-NR 522 1489 2721 22246 63 0 WR-SR WR-SR Max (MW) 416	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR HE MANGDECHU HEP- 300kV TALS BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA NAME ULALIPURDUAR 1&2 CCEIPT (from 18112,41 & 400kV RI) Le, BINAGURI AIREP (6*120VIV) PARA 1&2 (& 220kV A) Le, BIRPAGURI KHA HEP 4*84MW)	0 WR-NR 522 1489 2721 22246 63 0 WR-SR WR-SR Max (MW) 416	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI REGion ER ER	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP- JONEV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL	0 0 0 567 60 788 0 0 1 1 NATIONAL EXCHA NAME ULALIPURDUAR 1&2 CCEIPT (from 18112,41 & 400kV RI) Le, BINAGURI AIREP (6*120VIV) PARA 1&2 (& 220kV A) Le, BIRPAGURI KHA HEP 4*84MW)	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR WGES Max (MW) 416 900	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698	0.0 -198.3 -12.3 -17.8 -20.6 -22.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8 16.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI REGion ER ER	2 2 2 2 2 2 2 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGDECHU HEP- JONEV TALA BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 9±180MW) DIRT 1,2,4 (& 400kV RR) AT 1,4 (& 400kV RR) AT 1,5 (& 400kV RR) A	0 WR-NR 522 1489 2721 2246 63 0 0 WR-SR WGES Max (MW) 416 900	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698	0.0 -198.3 -12.3 -17.8 -20.6 -22.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8 16.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 2 2 2 1 1 1 INTER Line 400RV MANGDECHI Le. ALIPURDUAR RE MANGDECHI HEP 400RV TALA-BINAGI RECEIPT (from TALL ZORK) CHUKHA-BIR MALBASE - BIRAGR MALBASE - B	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 9±180MW) DIRT 1,2,4 (& 400kV RR) AT 1,4 (& 400kV RR) AT 1,5 (& 400kV RR) A	0 WR-NR 522 1489 2721 22246 63 0 WR-SR WR-SR Max (MW) 416 900 326	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8 16.8 5.2
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER	2 2 2 2 2 2 2 1 1 1 INTER INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP 400kV TALA-BINAGI RECEIPT (from TAL 20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR(f	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR I & 2 CCEIPT (from #180MW) DIR I J.2.4 (& 400RV R0 L0 L0 L0 L0 L0 L0 L0	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8 16.8 5.2 -0.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP- 400kV TĀLA-BINĀGI KECEIPT (from TAL ZONC VCHKHĀL-BIR MALBASE - BIRĀCI RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR I & 2 CCEIPT (from #180MW) DIR I J.2.4 (& 400RV R0 L0 L0 L0 L0 L0 L0 L0	0 WR-NR 522 1489 2721 22246 63 0 WR-SR WR-SR Max (MW) 416 900 326	0.0 39.6 0.0 0.0 0.0 0.0 6.1 0.0 0.7 6.7 Min (MW)	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MI) -7.8 -16.8 -5.2 -0.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI te. ALIPURDUAR RE MANGDECHI te. ALIPURDUAR RE AUGUST TALLA BINAGI RECEIPT (from TALL 220kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-TANAKPURG MAHENDRANAGAR	0 0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from #2180MV) DIRT 1,2,4 (& 400kV RI) PARA 1&2 (& 220kV A) i.e. BIRPARA KITA HEP 4*84MW)	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 -20 -43	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -16.8 -5.2 -0.8 -1.2 -0.0
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. HVDC HVDC 765 kV 400 kV 220 kV 220 kV	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION ER ER ER NER	2 2 2 2 2 2 2 1 1 1 INTER INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP 400kV TALA-BINAGI RECEIPT (from TAL 20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV-GEYLEGPHU 132kV Motanga-Rang 132kV-TANAKPUR(f	0 0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from #2180MV) DIRT 1,2,4 (& 400kV RI) PARA 1&2 (& 220kV A) i.e. BIRPARA KITA HEP 4*84MW)	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -6.8 -6.9 -6.9 -6.9 -6.8 -6.9 -6.8 -6.9 -6.8 -6.8
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP- 400kV TALA-BINAGU RECEIPT (from TAL 20kV CHIKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-TANAKPUR(MAHENDRANAGAR 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP-	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 14 180AW) CRIT 1,24 (& 400KV RB 1,04 1842 AUGUST 1,04 1843 AUGUST 1,04 1844 AUGUST	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 -20 -43	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -16.8 -5.2 -0.8 -1.2 -0.0
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI Region ER ER ER NER NER	2 2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP 400kV TALA-BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-TANAKPUR(MAHENDRANAGAR 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP. 220kV-MUZAFFARF	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 14 180AW) CRIT 1,24 (& 400KV RB 1,04 1842 AUGUST 1,04 1843 AUGUST 1,04 1844 AUGUST	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 -20 -43	0.0 237.9 112.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -16.8 -5.2 -0.8 -1.2 -0.0
Import 1 2 3 4 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER IR ER NER NER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP- 400kV TALA-BINAGU RECEIPT (from TAL 20kV CHIKHA-BIR MALBASE - BIRAGU RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-TANAKPUR(MAHENDRANAGAR 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP-	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 14 180AW) CRIT 1,24 (& 400KV RB 1,04 1842 AUGUST 1,04 1843 AUGUST 1,04 1844 AUGUST	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 -20 -43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -20.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -6.8 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-MEDOI REGION ER ER ER IR ER NER NER NER ER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI te. ALIPURDUAR RE MANGBECHI te. ALIPURDUAR RE AUGUST TALA BINAGI RECEIPT (from TAL 132kV GEYLEGPH 132kV GEYLEGPH 132kV TANAKPURG MAHADRANAGAR 132kV-TANAKPURG MAHADRANAGAR 132kV-BHAR - NEP. 220kV-HUZAFFARF DC	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from #2180MW) URT 1,2,4 (% 4000V RR) R) Le BINAGURI AIEP (6-170MW) A) Le BIRPARA KIKA HEP 4*84MW) I- SALAKATI iii NH) - (PG)	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) 7.8 -6.8 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9
Import 1 2 3 4 5 5 6 7 8	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER IR ER NER NER	2 2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP 400kV TALA-BINAGI RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-TANAKPUR(MAHENDRANAGAR 132kV-TANAKPUR(MAHENDRANAGAR 132kV-BIHAR - NEP. 220kV-MUZAFFARF	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CEIPT (from #2180MW) URT 1,2,4 (% 4000V RR) R) Le BINAGURI AIEP (6-170MW) A) Le BIRPARA KIKA HEP 4*84MW) I- SALAKATI iii NH) - (PG)	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 -20 -43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -6.8 -6.8 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9
Import 1 2 3 4 5 5 6 7 8 1 1 1	132 kV #/Export of WR. HVDC HVDC 1765 kV 765 kV 220 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER ER E	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI te. ALIPURDUAR RE MANGBECHI te. ALIPURDUAR RE AUGUST TALA BINAGI RECEIPT (from TAL 132kV GEYLEGPH 132kV GEYLEGPH 132kV TANAKPURG MAHADRANAGAR 132kV-TANAKPURG MAHADRANAGAR 132kV-BHAR - NEP. 220kV-HUZAFFARF DC	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name U-ALIPURDUAR 1&2 CCEIPT (from 14 SOM) 18 SINAGURI 18 JOHN ARA 1&2 (& 200K) A) LE BINAGURI 18 JOHN ARA 1&2 (& 200K) 1 SALAKATI 19 JOHN ARA 1&2 (& 200K) 1 SALAKATI 19 JOHN ARA 1&2 (& 200K) 1 SALAKATI 19 JOHN ARA 1&2 (& 200K) 1 SALAKATI 10 JOHN ARA 1&2 (& 200K) 1 SALAKATI 1 JOHN ARA 1&2 (& 200K) 1 JOHN ARA 1&2 (& 200	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55 0 -48 16 -945	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 1 -20 -43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51 0 -1	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -16.8 -1.2 -0.0 -0.0 -0.0 -1.2 -1.2 -1.2
Import 1 2 3 4 5 5 6 7 8 1 1 1	132 kV #Export of WR. #VDC #VDC #VDC 765 kV 400 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-MEDOI REGION ER ER ER IR ER NER NER NER ER	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP- 400kV TĀLA-BINĀGI KECEIPT (from TAL) 220kV CHUKHA-BIR MALBASE - BIRPAR MALBASE -	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name IU-ALIPURDUAR 1&2 CCEIPT (from 1/2 1/3 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51	0.0 -198.3 -198.3 -112.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -6.8 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -7.8 -7.8 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9 -6.9
Import 1	132 kV #/Export of WR. HVDC HVDC 1765 kV 765 kV 220 kV 220 kV 220 kV State	RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER NER NER NER NER NER ER E	2 2 2 2 2 2 1 1 1 INTER Line 400kV MANGDECHI Le. ALIPURDUAR RE MANGBECHI HEP 400kV TALA-BINAGI RECEIPT (from TAL 132kV-GEYLEGPHU 132kV-GEYLEGPHU 132kV-MUZAFFARP DC BHERAMARA HVDC 132kV-MUZAFFARP DC BHERAMARA HVDC	0 0 0 567 60 788 0 1 1 NATIONAL EXCHA Name UU-ALIPURDUAR 1&2 CCEIPT (from #2*80MW) P\$180MW) P\$180MW) P\$180MW) P\$180MW A) Le BIRPARA KIRA HEP 4*84MW) SALAKATI ia NH) (PG) UUR - DHALKEBAR UUR - DHALKEBAR UUR - DHALKEBAR	0 WR-NR 522 1489 2721 2246 63 0 0 46 WR-SR NGES Max (MW) 416 900 326 -49 -55 0 -48 16 -945	0.0 39.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 6.7 Min (MW) 0 0 1 -20 -43	0.0 237.9 12.3 17.8 26.6 25.7 0.0 0.0 0.0 82.4 Avg (MW) 327 698 215 -33 -51 0 -1	0.0 -198.3 -12.3 -17.8 -26.6 -25.7 -6.0 -0.0 -0.7 -75.6 Energy Exchange (MII) -7.8 -16.8 -1.2 -0.0 -0.0 -0.0 -1.2 -1.2 -1.2