

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: 18th July 2022

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 17.07.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-२०१० की धारा स.-५.५.१ के प्रावधान के अनुसार, दिनांक १७-जुलाई-२०२२ 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 17th July 2022, 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:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	59423	47979	36210	25158	3168	171938
Peak Shortage (MW)	70	0	0	1013	0	1083
Energy Met (MU)	1336	1096	882	555	61	3930
Hydro Gen (MU)	363	51	141	111	28	694
Wind Gen (MU)	9	148	177	-	-	334
Solar Gen (MU)*	83.36	39.69	77.07	4.41	0.59	205
Energy Shortage (MU)	3.25	0.00	0.00	13.27	0.00	16.52
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	66173	48110	41598	26029	3176	175023
Time Of Maximum Demand Met (From NLDC SCADA)	22:31	19:45	09:59	23:37	19:58	21:47

b. Frequency P	rome (%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.059	0.56	2.46	6.97	9.99	70.42	19.59

•		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortage
		dav(MW)	Demand(MW)	(MC)	(MU)	(MC)	(1111)	(MU)
	Punjab	10408	0	208.5	146.4	-7.7	120	0.00
	Haryana	8810	0	173.5	118.9	-2.7	123	0.00
	Rajasthan	9973	0	219.1	62.8	-0.1	820	1.06
	Delhi	6046	0	113.9	103.2	-1.4	143	0.00
NR	UP	24911	0	488.1	220.1	-0.7	489	1.22
	Uttarakhand	2104	0	47.0	24.8	0.0	159	0.77
	HP	1382	0	29.6	-10.2	-0.3	73	0.00
	J&K(UT) & Ladakh(UT)	2092	200	50.6	29.4	-4.4	142	0.20
	Chandigarh	301	0	5.5	6.2	-0.7	24	0.00
	Chhattisgarh	3869	0	90.4	40.4	-0.8	279	0.00
	Gujarat	13670	0	312.9	142.4	-2.4	879	0.00
	MP	9497	0	216.8	110.1	0.0	378	0.00
WR	Maharashtra	19140	0	420.5	136.0	-2.7	675	0.00
	Goa	540	0	11.0	10.9	0.1	44	0.00
	DNHDDPDCL	1053	0	24.6	24.5	0.1	69	0.00
	AMNSIL	868	0	19.5	11.1	-0.3	0	0.00
	Andhra Pradesh	8812	0	183.6	52.3	1.6	1051	0.00
	Telangana	9529	0	170.0	90.1	1.3	585	0.00
SR	Karnataka	7642	0	148.9	23.8	-0.1	517	0.00
	Kerala	3052	0	62.8	27.8	-0.1	261	0.00
	Tamil Nadu	13321	0	308.0	125.2	-1.0	825	0.00
	Puducherry	388	0	9.0	8.5	-0.3	69	0.00
	Bihar	6692	873	138.6	125.7	1.7	525	10.17
	DVC	3521	0	76.2	-31.5	0.4	277	0.00
	Jharkhand	1538	0	31.4	25.6	-0.9	295	3.10
ER	Odisha	6007	0	125.8	63.4	-1.5	293	0.00
	West Bengal	9128	0	181.7	67.1	0.2	338	0.00
	Sikkim	69	0	1.1	1.1	0.0	20	0.00
	Arunachal Pradesh	144	0	2.6	2.5	-0.2	42	0.00
	Assam	2088	0	39.1	33.2	-0.3	120	0.00
	Manipur	196	0	2.8	2.7	0.1	19	0.00
NER	Meghalaya	318	0	6.0	0.3	0.0	52	0.00
	Mizoram	87	0	1.7	0.8	-0.1	53	0.00
	Nagaland	148	0	2.9	2.6	-0.1	11	0.00
	Tripura	303	0	5.7	6.1	0.4	67	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	28.2	5.6	-23.4
Day Peak (MW)	1521.0	266.3	-1017.0

E. Import Export by Regions (in MC) - Import (+ve)/Export (-ve), OD(+)/OD(-)								
	NR	WR	SR	ER	NER	TOTAL		
Schedule(MU)	230.0	-180.2	-11.9	-33.3	-4.6	0.0		
Actual(MU)	192.5	-176.6	3.0	-18.0	-4.4	-3.6		
O/D/U/D(MU)	-37.5	3.5	14.8	15.3	0.2	-3.6		

F. Generation Outage(MW)										
	NR	WR	SR	ER	NER	TOTAL	% Share			
Central Sector	3675	15496	7638	2935	309	30052	40			
State Sector	9195	18539	14378	2200	251	44562	60			
Total	12870	34034	22016	5135	560	74614	100			

1044	12070	34034	22010	3133	200	74014	100
G. Sourcewise generation (MU)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	682	1032	356	499	14	2583	63
Lignite	26	8	55	0	0	88	2
Hydro	366	51	141	111	28	697	17
Nuclear	29	21	58	0	0	107	3
Gas, Naptha & Diesel	16	3	9	0	28	55	1
RES (Wind, Solar, Biomass & Others)	112	188	292	4	1	597	14
Total	1230	1302	911	614	70	4127	100

Share of RES in total generation (%)	9.08	14.43	32.09	0.72	0.84	14.47
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	41.15	19.93	53.95	18.82	40.45	33.95
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H. All India Demand Diversity Factor

Based on Regional Max Demands
Based on State Max Demands
Diversity factor = Sum of regional or state maximum demands / All India maximum demand
*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)

							Date of Reporting:	18-Jul-2022
Sl	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Impo	ort/Export of ER (- ()	•	1.22 ()
1		ALIPURDUAR-AGRA	2	0	501	0.0	12.1	-12.1
2		PUSAULI B/B		0	49	0.0	1.1	-1.1
3		GAYA-VARANASI	2	1000	629	11.4	0.0	11.4
5		SASARAM-FATEHPUR GAYA-BALIA	1	285 0	181 698	1.0 0.0	0.0 8.7	1.0 -8.7
6	400 kV	PUSAULI-VARANASI	î	9	87	0.0	1.0	-1.0
7		PUSAULI -ALLAHABAD	1	27	67	0.0	0.1	-0.1
9		MUZAFFARPUR-GORAKHPUR PATNA-BALIA	2	0	751 587	0.0	9.6 8.1	-9.6
10		NAUBATPUR-BALIA	2	0	622	0.0	8.2	-8.1 -8.2
11		BIHARSHARIFF-BALIA	2	90	390	0.0	3.5	-3.5
12		MOTIHARI-GORAKHPUR	2	33	430	0.0	5.1	-5.1
13		BIHARSHARIFF-VARANASI	2	363	143	2.8	0.0 2.1	2.8
14		SAHUPURI-KARAMNASA NAGAR UNTARI-RIHAND	1	0	165 0	0.0 0.1	0.0	-2.1 0.1
16		GARWAH-RIHAND	i	25	Ö	0.4	0.0	0.4
17		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
Impo	ort/Export of ER (With WP)			ER-NR	15.7	59.6	-43.9
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	629	0	39.1	0.0	39.1
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1357	94	21.2	0.0	21.2
3		JHARSUGUDA-DURG	2	0	314	0.4	0.0	0.4
4		JHARSUGUDA-RAIGARH	4	0	312	2.8	0.0	2.8
5		RANCHI-SIPAT	2	349	53	5.3	0.0	5.3
		BUDHIPADAR-RAIGARH	1				0.5	
7			2	43 211	78 0	3.2	0.0	-0.5 3.2
7	220 KV	BUDHIPADAR-KORBA	1 2	411	ER-WR	71.8	0.0	71.3
Impo	ort/Export of ER (With SR)			£R-11 K	/1.0	, v.o	/1
1	HVDC	JEYPORE-GAZUWAKA B/B	2	584	0	14.4	0.0	14.4
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	2000	0.0	38.2	-38.2
3		ANGUL-SRIKAKULAM	2	0	3132	0.0	52.2	-52.2
5		TALCHER-I/C BALIMELA-UPPER-SILERRU	1	414	485 0	3.9 0.0	0.0	3.9 0.0
	ALU RY	D.I.D.A. CLI ER-SILERRO	1		ER-SR	14.4	90.4	-76.0
Impo	ort/Export of ER (
1		BINAGURI-BONGAIGAON	2	4	345	0.0	4.8	-4.8
3		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2	69	457 109	0.0	5.4 1.5	-5.4 -1.5
3	220 K V	ALII URDUAR-SALAKATI	. 4		ER-NER	0.0	11.8	-1.5 -11.8
Impo	ort/Export of NER	(With NR)				0.0		-11.0
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	704	0.0	17.1	-17.1
T	ort/Export of WR (Wat ND			NER-NR	0.0	17.1	-17.1
1mpo		CHAMPA-KURUKSHETRA	2	0	2506	0.0	46.7	-46.7
2		VINDHYACHAL B/B	-	444	0	12.2	0.0	12.2
3		MUNDRA-MOHINDERGARH	2	0	1014	0.0	24.2	-24.2
4		GWALIOR-AGRA	2	687	1946	1.5	20.3	-18.8
5		GWALIOR-PHAGI	2	835	1370	3.7	11.4	-7.6
7		JABALPUR-ORAI GWALIOR-ORAI	1	228 761	866 0	0.0 10.1	15.9 0.0	-15.9 10.1
8		SATNA-ORAI	1	0	895	0.0	16.2	-16.2
9	765 kV	BANASKANTHA-CHITORGARH	2	1089	0	11.5	0.0	11.5
10	765 kV	VINDHYACHAL-VARANASI	2	0	3441	0.0	69.5	-69.5
11		ZERDA-KANKROLI	1	273	0	3.2	0.0	3.2
12	400 kV 400 kV	ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	538 967	0	6.0 20.9	0.0	6.0 20.9
14		RAPP-SHUJALPUR	2	578	476	20.9 4.1	2.1	20.9 1.9
15		BHANPURA-RANPUR	1	0	0	0.0	0.0	0.0
16	220 kV	BHANPURA-MORAK	1	0	30	0.0	2.7	-2.7
17		MEHGAON-AURAIYA	1	130	0	0.8	0.0	0.8
18	220 kV	MALANPUR-AURAIYA	1	90	0	1.5 0.0	0.0	1.5 0.0
20	132 kV 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2	0	0	0.0		v.v
								0.0
	ort/Export of WR (WR-NR	75.4	0.0 208.9	0.0 -133.6
1	· •		1			75.4	208.9	-133.6
3		BHADRAWATI B/B	:	984	0	75.4 18.1	208.9	-133.6 18.1
_ >	HVDC	BHADRAWATI B/B RAIGARH-PUGALUR	- 2 2	2871	0 602	75.4 18.1 41.7	0.0 0.0	-133.6 18.1 41.7
	HVDC 765 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2 2 2	2871 277	0 602 2084	75.4 18.1 41.7 0.5	208.9 0.0 0.0 11.9	-133.6 18.1 41.7 -11.4
5	HVDC 765 kV 765 kV 400 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	2871	0 602	75.4 18.1 41.7 0.5 0.0 27.4	0.0 0.0 11.9 49.5 0.0	-133.6 18.1 41.7
5 6	HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2	2871 277 0 1489	0 602 2084 3520 0	75.4 18.1 41.7 0.5 0.0 27.4 0.0	208.9 0.0 0.0 11.9 49.5 0.0 0.0	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1	2871 277 0 1489 0	0 602 2084 3520 0 0	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0	208.9 0.0 0.0 11.9 49.5 0.0 0.0	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0
5 6	HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2	2871 277 0 1489	0 602 2084 3520 0	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9	208.9 0.0 0.0 11.9 49.5 0.0 0.0	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPÜR-RAICHÜR WARDHA-NIZAMABAD KOLHAPÜR-KÜDĞİ KOLHAPÜR-KÜDĞİ KOLHAPÜR-CHİKODİ PONDA-AMBEWADİ XELDEM-AMBEWADİ	2 2 2 2 2 1 1	2871 277 0 1489 0 0	0 602 2084 3520 0 0 0	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1 1 1	2871 277 0 1489 0 0 0	0 602 2084 3520 0 0 0 0 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9 89.5	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPÜR-RAICHÜR WARDHA-NIZAMABAD KOLHAPÜR-KÜDĞİ KOLHAPÜR-KÜDĞİ KOLHAPÜR-CHİKODİ PONDA-AMBEWADİ XELDEM-AMBEWADİ	2 2 2 2 2 1 1 1 TERNATIONAL EX	2871 277 0 1489 0 0 0 0 CCHANGES	0 602 2084 3520 0 0 0	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 (+ve)/Export(-ve)
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI	2871 277 0 1489 0 0 0 0 CHANGES Name	0 602 2084 3520 0 0 0 0 WR-SR	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 0.0 1.9 89.5	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.0 Timporte Avg (MW)	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU	2871 277 0 1489 0 0 0 0 CHANGES Name AR RECEIPT (from	0 602 2084 3520 0 0 0 0 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9 89.5	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI	2871 277 0 0 1489 0 0 0 CHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*189MW)	0 602 2084 3520 0 0 0 0 WR-SR	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 0.0 1.9 89.5	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.0 Timporte Avg (MW)	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2x3 i.e. ALIPURDU MANGDECHI HEP	2871 277 0 1489 0 0 0 0 0 CHANGES Name HC-ALIPURDUAR AR RECEIPT (from 4*180MW) UR11.2.4 (8.400kV	0 602 2084 3520 0 0 0 0 WR-SR	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 0.0 1.9 89.5	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.0 Timporte Avg (MW)	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 4 400KV MANGBECHH HEP 400KV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MECERPT (From TAL	2871 277 0 1489 0 0 0 0 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) ARD (6.4 BINAGURI A HEP (6*170MW)	0 602 2084 3520 0 0 0 105 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW)	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 0.1 Import Avg (MW)	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV MANGDECHH HEP 400KV TALA BINAG MALBASE - BINAGG RECEIPT (from TAL 220KV CHUKHA-BIR	2871 2777 0 1489 0 0 0 0 0 0 0 0 0	0 602 2084 3520 0 0 0 105 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9 89.5 Min (MW)	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.4 Import Avg (MW) 377	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR	2871 277 0 1489 0 1489 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV RI) I.E. BINAGURI A HEP (6*170MW) PARA I AE2 (& 220kV	0 602 2084 3520 0 0 0 105 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW)	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 0.1 Import Avg (MW)	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR RECEIPT (from TAL	2871 277 0 1489 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) A HEP (6*170MW) PARA 1,8 URI 4,2 (8*220KV) A) 1,6. BIRPAGK KHA HEP 4*84MW)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR	2871 277 0 1489 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) A HEP (6*170MW) PARA 1,8 URI 4,2 (8*220KV) A) 1,6. BIRPAGK KHA HEP 4*84MW)	0 602 2084 3520 0 0 0 105 WR-SR	75.4 18.1 41.7 0.5 0.0 27.4 0.0 0.0 1.9 89.5 Min (MW)	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 1.4 Import Avg (MW) 377	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR RECEIPT (from TAL	2871 277 0 1489 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) URI 1,2,4 (8*400KV) A HEP (6*170MW) PARA 1,8 URI 4,2 (8*220KV) A) 1,6. BIRPAGK KHA HEP 4*84MW)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR MALBASE - BIRPAR RECEIPT (from TAL	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400KV) RIP 1,2,4 (& 400KV) RIP 1,2,6 (& 400KV) A) I.E. BINAGURI A HEP (6*170MW) PPARA 182 (& 220KV A) I.E. BIRPARA KHA HEP 4*84MW) LAKATI	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH HEP 400KV MALABNAG MALBASE - BINAGU RECEIPT (from TAL 20kV CHUHA-BIR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400KV) RIP 1,2,4 (& 400KV) RIP 1,2,6 (& 400KV) A) I.E. BINAGURI A HEP (6*170MW) PPARA 182 (& 220KV A) I.E. BIRPARA KHA HEP 4*84MW) LAKATI	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 0.5 0.0 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import(Avg (MW) 377 680	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 1 1 ITERNATIONAL EX Line 400KV MANGDECHI 1,2&3.ie. ALIPURDU MANGDECHI HEP 400KV TALA-BINAG MALBASE BINAGI BECERPT (from TAL 200KV CHUKHA-BIR ARECERPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R	2871 277 0 1489 0 1489 0 0 CCHANGES Name BU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12.4 (8. 400kV URI 12.4 (8. 400kV URI 12.4 (8. 400kV A) LA BINAGURI A) LE BINAGURI A)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 9.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Importe Avg (MW) 377 680 156	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. AliPurnu MANGDECHH HEP 400KV TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R	2871 277 0 1489 0 1489 0 0 CCHANGES Name BU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12.4 (8. 400kV URI 12.4 (8. 400kV URI 12.4 (8. 400kV A) LA BINAGURI A) LE BINAGURI A)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 0.5 0.0 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import(Avg (MW) 377 680	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 1 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 400KV MANGBECHI 1,283 i.e. ALIPURDU 400KV MANGBECHI HEP 400KV MANGBECHI HEP 400KV MALBASE - BINAGG RECEIPT (from TAL 120KV CHUKHA-BIR MALBASE - BINAGG RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC)	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 f& 400kV RR) 1,2,4 f& 400kV RR) 1,2,6 f& 400kV RA) 1,6 BRPARA KHA HEP 4*84MW) LAKATI ANGIA NAGIA	0 602 2084 3520 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680 156 -7 -29	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2
5 6 7	HVDC 765 kV 765 kV 400 kV 220 kV 220 kV 220 kV	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 1 1 ITERNATIONAL EX Line 400KV MANGDECHI 1,2&3.ie. ALIPURDU MANGDECHI HEP 400KV TALA-BINAG MALBASE BINAGI BECERPT (from TAL 200KV CHUKHA-BIR ARECERPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 f& 400kV RR) 1,2,4 f& 400kV RR) 1,2,6 f& 400kV RA) 1,6 BRPARA KHA HEP 4*84MW) LAKATI ANGIA NAGIA	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 9.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Importe Avg (MW) 377 680 156	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 1 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 1 ITERNATIONAL EX 400KV MANGBECHI 1,283 i.e. ALIPURDU 400KV MANGBECHI HEP 400KV MANGBECHI HEP 400KV MALBASE - BINAGG RECEIPT (from TAL 120KV CHUKHA-BIR MALBASE - BINAGG RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC)	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 f& 400kV RR) 1,2,4 f& 400kV RR) 1,2,6 f& 400kV RA) 1,6 BRPARA KHA HEP 4*84MW) LAKATI ANGIA NAGIA	0 602 2084 3520 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680 156 -7 -29	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 Le. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBAS	2871 2777 0 1489 0 1489 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 f& 400kV RR) 1,2,4 f& 400kV RR) 1,2,6 f& 400kV RA) 1,6 BRPARA KHA HEP 4*84MW) LAKATI ANGIA NAGIA	0 602 2084 3520 0 0 105 WR-SR Max (MW) 409 945	75.4 18.1 41.7 0.5 0.0 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680 156 -7 -29	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 Le. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBAS	2871 2777 0 1489 0 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400RV URI 1,2,4 (8 400RV URI 1,2,4 (8 400RV ALIPURDUAR A HEP (6*170MW) PARA 1,2 (8 220RV A) 1,6 BIRPAGURI ANGIA KHA HEP 4*84MW) LAKATI ANGIA NAGAR- ROM BIHAR)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945 177 -13	75.4 18.1 41.7 9.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 0.0 15.4 Importe Avg (MW) 377 680 156 -7 -29 -47	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7 -1.1
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER NER ER	2 2 2 2 2 2 1 1 ITERNATIONAL EX 2 2 1 1 ITERNATIONAL EX Line 400kV MANGBECHI 1,2k3-ie, ALIPURDU MANGBECHI HEP 400kV TALA-BINAG RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGR MALBASE - BINA	2871 2777 0 1489 0 1489 0 0 169 0 178 189 0 0 180 180 180 180 180 180 180 180 180	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945 177 -13 -47 -75 -25 366	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568 0 -4	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680 156 -7 -29 -47 -3 285	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7 -1.1 -0.1
5 6 7	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER	2 2 2 2 2 2 1 1 ITERNATIONAL EX 2 2 1 1 ITERNATIONAL EX Line 400kV MANGBECHI 1,2k3-ie, ALIPURDU MANGBECHI HEP 400kV TALA-BINAG RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGR MALBASE - BINA	2871 2777 0 1489 0 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400RV URI 1,2,4 (8 400RV URI 1,2,4 (8 400RV ALIPURDUAR A HEP (6*170MW) PARA 1,2 (8 220RV A) 1,6 BIRPAGURI ANGIA KHA HEP 4*84MW) LAKATI ANGIA NAGAR- ROM BIHAR)	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945 177 -13	75.4 18.1 41.7 9.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 0.0 15.4 Importe Avg (MW) 377 680 156 -7 -29 -47	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7 -1.1
4 5 6 7 8	HVDC 765 kV 765 kV 765 kV 20 kV 20 kV 220 kV 220 kV 80 kV 81 kV 81 kV 82 kV 83 kV 84 kV 85 kV 86	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER NER NER ER	2 2 2 2 2 2 1 1 ITERNATIONAL EX 2 2 1 1 ITERNATIONAL EX Line 400kV MANGBECHI 1,2k3-ie, ALIPURDU MANGBECHI HEP 400kV TALA-BINAG RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGR MALBASE - BINA	2871 277 0 1489 0 1489 0 0 1489 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12.4 (8 400KV URI 12.4 (8	0	75.4 18.1 41.7 9.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568 0 -4 0 0 166 -876	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 0.0 11.9 Import Avg (MW) 377 680 156 -7 -29 -47 -3 285	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7 -1.1 -0.1 6.8
4 5 6 7 8	HVDC 765 kV 765 kV 400 kV 400 kV 220 kV 220 kV 220 kV BHUTAN	BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER NER NER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 Le. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 220kV CHUKHA-BIR RECEIPT (from TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR BHERAMARA B/B H	2871 277 0 1489 0 1489 0 0 1489 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12.4 (8 400KV URI 12.4 (8	0 602 2084 3520 0 0 0 105 WR-SR Max (MW) 409 945 177 -13 -47 -75 -25 366	75.4 18.1 41.7 0.5 0.0 27.4 0.0 1.9 89.5 Min (MW) 0 568 0 -4	208.9 0.0 0.0 11.9 49.5 0.0 0.0 0.0 0.0 61.4 Import Avg (MW) 377 680 156 -7 -29 -47 -3 285	-133.6 18.1 41.7 -11.4 -49.5 27.4 0.0 0.0 1.9 28.1 +ve)/Export(-ve) Energy Exchange (MU) 9.1 16.3 3.8 -0.2 -0.7 -1.1 -0.1