

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: 26th Dec 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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 25.12.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-दिसंबर-2021 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 25th December 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day Date of Reporting:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	52359	56441	38706	19688	2511	169705
Peak Shortage (MW)	200	445	0	218	0	863
Energy Met (MU)	1068	1295	920	393	45	3721
Hydro Gen (MU)	105	44	78	28	11	266
Wind Gen (MU)	6	14	18		-	39
Solar Gen (MU)*	47.37	34.92	102.55	4.65	0.24	190
Energy Shortage (MU)	5.36	2.83	0.00	3.02	0.19	11.40
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	54787	63036	46689	20024	2594	181663
Time Of Maximum Demand Met (From NLDC SCADA)	18:04	11:02	09:58	18:05	17:27	11:29

•		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shorta; (MU)
	Punjab	6685	0	127.4	63.1	-0.8	163	0.58
	Harvana	6862	0	133.2	69.7	-0.5	164	0.00
	Rajasthan	15345	0	285.2	80.7	1.9	326	0.09
	Delhi	4107	0	68.0	56.5	-1.0	254	0.00
NR	UP	17224	0	313.7	87.4	-1.1	384	0.00
	Uttarakhand	2189	0	41.4	28.9	0.4	156	0.04
	HP	1938	0	35.2	28.1	0.1	360	0.00
	J&K(UT) & Ladakh(UT)	2854	0	60.1	55.2	-0.1	156	4.65
	Chandigarh	222	0	3.6	3.6	0.0	33	0.00
	Chhattisgarh	4004	0	84.4	34.4	0.0	175	0.00
	Gujarat	17708	0	368.1	212.9	4.2	826	2.83
	MP	15668	0	303.9	189.2	0.9	833	0.00
WR	Maharashtra	24371	0	485.8	138.0	-4.7	923	0.00
	Goa	522	0	10.9	9.9	0.4	32	0.00
	DD	326	0	6.0	6.9	-0.9	32	0.00
	DNH	835	0	19.3	18.8	0.5	71	0.00
	AMNSIL	832	0	17.0	7.7	-0.2	312	0.00
	Andhra Pradesh	9187	0	171.3	78.4	-0.1	341	0.00
	Telangana	10082	0	189.5	80.5	-0.7	605	0.00
SR	Karnataka	11045	0	199.0	56.3	-2.4	481	0.00
	Kerala	3275	0	66.3	50.9	-0.9	157	0.00
	Tamil Nadu	13703	0	287.3	173.1	-2.1	498	0.00
	Puducherry	341	0	6.8	7.3	-0.5	48	0.00
	Bihar	4753	0	81.8	71.5	-0.9	231	0.03
	DVC	3186	0	67.4	-37.6	-1.8	292	1.99
	Jharkhand	1718	0	31.3	22.3	-0.5	168	1.00
ER	Odisha	5089	0	100.6	46.6	-0.6	549	0.00
	West Bengal	5873	0	109.7	-5.4	0.3	347	0.00
	Sikkim	108	0	2.0	1.8	0.2	50	0.00
	Arunachal Pradesh	123	0	2.3	2.1	0.1	46	0.00
	Assam	1448	0	24.7	19.3	0.1	153	0.19
	Manipur	232	0	3.0	3.5	-0.5	25	0.00
NER	Meghalaya	368	0	7.3	5.8	0.1	41	0.00
	Mizoram	115	0	1.8	1.5	-0.1	9	0.00
	Nagaland	135	0	2.5	2.3	0.1	14	0.00
	Tripura	219	0	3.5	3.6	-0.3	34	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	3.5	-5.2	-14.4
Day Peak (MW)	241.0	-510.5	-812.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	229.7	-136.1	71.9	-166.4	1.0	0.0
Actual(MU)	228.8	-123.7	56.5	-166.1	0.7	-3.8
O/D/U/D(MU)	-0.9	12.4	-15.4	0.4	-0.3	-3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	8426	13013	5712	1300	444	28894	41
State Sector	8951	17626	10153	4068	112	40909	59
Total Control	17377	30638	15865	5368	556	69803	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	603	1287	528	567	13	2998	78
Lignite	27	11	45	0	0	83	2
Hydro	105	44	78	28	11	266	7
Nuclear	33	33	70	0	0	136	4
Gas, Naptha & Diesel	15	10	8	0	25	58	2
RES (Wind, Solar, Biomass & Others)	79	51	149	5	0	283	7
Total	862	1437	877	599	49	3824	100
CI CDEC' () ()							1
Share of RES in total generation (%)	9.15	3.53	16.97	0.77	0.49	7.41	
Share of Non-fossil fuel (Hydro-Nuclear and RES) in total generation(%)	25.19	8.95	33.79	5.37	22.32	17.92	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.030
Rosed on State May Demands	1.061

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)

No. of Control No.							Import=(+ve) /Export Date of Reporting:	
	Sl Voltage Level	Line Details	No. of Circuit	May Import (MW)	May Evport (MW)	Import (MII)		
1 PROPERTY ALTER 1 2 0 0 0 0 0 0 0 0 0	No -		No. of Circuit	Max Import (MVV)	Max Export (MW)	Import (MC)		HEI (MC)
1			2	0	0	0.0	0.0	0.0
1		PUSAULI B/B	-				0.0	0.0
1			2					
1			i					
1		PUSAULI-VARANASI	î					
S		PUSAULI -ALLAHABAD	1				1.6	
10 10 10 10 10 10 10 10	8 400 kV	MUZAFFARPUR-GORAKHPUR	2					-13.2
1			2					
1			2		629			
1		BIHARSHARIFF-VARANASI	2	0	372		4.6	
SECOND STATE 1		PUSAULI-SAHUPURI	1					
10			1					
17 123		KARMANASA-SAHIIPIIRI	1					
		KARMANASA-CHANDAULI	î		Ö		0.0	
1 26 26 27 27					ER-NR	0.3	96.6	-96.3
1 156 N NEW RANCHESSITEMALIACERIT 2 244 577 0.0 4.5 4.5 4.5								
1								
E								
S								
S 204 BIDHIPADAR-RAICAGH 1 46 78 6.0 6.7 4.7								
2 248								
Department of Research Part Par								
	7 220 kV	BUDHIPADAR-KORBA	2	96				
BYPICE BYPICE CALVEY MAK BOR 2 0 300 0.0 8.7 4.7	Import/Export of FD	With SR)			ER-WR	1.9	11.6	-9.7
1			2	0	390	0.0	8.7	-8.7
1 100	2 HVDC	TALCHER-KOLAR BIPOLE	2				34.3	
1	3 765 kV	ANGUL-SRIKAKULAM			2637	0.0		-49.4
ImportExport of ER (WID) NEW 2.9 4.0		TALCHER-I/C	2					
	5 1 220 kV	IBALIMELA-UPPER-SILERRU	1 1	2				
1	Import/Export of ER	With NER)			ER-5R	v.U	1 1400	-74.3
2	1 400 kV	BINAGURI-BONGAIGAON						
1	2 400 kV	ALIPURDUAR-BONGAIGAON	2	74	416	0.0		-4.9
	3 220 kV	ALIPURDUAR-SALAKATI	2					
I HYPE BISWANTH CHARIALAGRA 2	Import/Export of NEE	(With NR)			EK-NEK	0.0	9.8	-9.8
Description of WR (WIR NS)			2	0	503	0.0	9.2	-9.2
I HYDE					NER-NR		9.2	
2 HVDC VINDINACHIALER								
3		CHAMPA-KURUKSHETRA	2					
A 765 Y GWALIORAGRA 2 0 1631 0.0 25.5			2					
S		GWALIOR-AGRA						-25.5
7. 765 KY GWALTOR-ORAI		GWALIOR-PHAGI	2				37.7	
8			2					
9			1					
10	8 765 KV		2					
11 400 AV ZEEDA-KANKROLI								
13 400 kV VINDITYACHAL RIHAND 1 979 0 22.3 0.0 22.3 14 400 kV RAPP-SRUDAIPER 2 1899 351 0.8 2.1 1.1 15 220 kV RIHANPILRA-RINGER 1 0 0 0 0.0 0.0 16 220 kV RIHANPILRA-RINGER 1 0 0 0 0.0 0.0 18 220 kV RIHANPILRA-RINGER 1 0 0 0 0.0 0.0 18 220 kV RIHANPILRA-RINGER 1 0 0 0 0.0 0.0 18 220 kV MALANPUR-RINGER 1 0 0 0 0.1 19 132 kV GWALIORS-SWAM MADHOUR 1 0 0 0 0 0 0 0 10 132 kV RAGIGHAT-LAITPUR 2 0 0 0 0 0 0 0 10 132 kV RAGIGHAT-LAITPUR 2 0 0 0 0 0 0 0 0 10 10	10 1 765 kV	VINDHYACHAL-VARANASI	2		2379	0.0	43.5	I -43.5
14 400 kV RAPP-SHUJALPUR			1	0				
SECTION STATE	11 400 kV 12 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL	2 1 1	0 325 396	0 16	5.2 4.4	0.0	5.2 4.4
16 220 kV	11 400 kV 12 400 kV 13 400 kV	ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	2 1 1 1	0 325 396 979	0 16 0	5.2 4.4 22.3	0.0 0.0 0.0	5.2 4.4 22.3
17 220 kV MALANPERAURALYA	11 400 kV 12 400 kV 13 400 kV 14 400 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR	2 1 1 1 2	0 325 396 979 189	0 16 0 351	5.2 4.4 22.3 0.8	0.0 0.0 0.0 2.1	5.2 4.4 22.3 -1.2
132 EV GWALIOR-SAWAI MADHOPUR 1	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1 2 1 1	0 325 396 979 189	0 16 0 351	5.2 4.4 22.3 0.8 0.0	0.0 0.0 0.0 2.1 0.0	5,2 4,4 22,3 -1,2 0,0
132 kV RAIGHAT-LALITPUR 2 0 0 0.0 0.0 0.0	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR RHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 1 2 1 1 1	0 325 396 979 189 0	0 16 0 351 0 30 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3	0.0 0.0 0.0 2.1 0.0 0.8 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3
This professor of WR (With SR)	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	2 1 1 1 2 1 1 1 1	0 325 396 979 189 0 0 144	0 16 0 351 0 30 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3
	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1 2 1 1 1 1 1 1 2 2	0 325 396 979 189 0 0 144 91	0 16 0 351 0 30 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0
A	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1 2 1 1 1 1 1 1 1 2	0 325 396 979 189 0 0 144 91	0 16 0 351 0 30 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0
3 765 kV SOLAPUR-RAICHUR 2 1207 1388 3.4 10.4 7.7.0	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR)	2 1 1 1 2 2 1 1 1 1 1 1 2 2	0 325 396 979 189 0 0 144 91	0 16 0 351 0 30 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 215.7	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5
4 765 kV WARDHA-NIZAMABAD 2 0 2577 0.0 39.4 -39.4	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 19 132 kV 20 132 kV 1 1 1 1 1 1 1 1 1	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR GWALIOR-SAWAI MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B	1 1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0	0 16 0 351 0 30 0 0 0 0 WR-NR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2	0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 215.7	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5
S 490 kV KOLHAPUR-KUDGI 2 1456 0 23,3 0.0 23,3 6 220 kV KOLHAPUR-CHIKODI 2 0 0 0.0 0.0 0.0 7 220 kV KOLHAPUR-CHIKODI 1 0 0 0 0.0 0.0 0.0 8 220 kV XELDEM-AMBEWADI 1 0 59 1.1 0.0 0.1	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV Import/Export of WR 1 HVDC 2 HVDC 2	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPF-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGABH-PUGALUR	1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0	0 16 0 351 0 30 0 0 0 0 WR-NR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5
Color Colo	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANFURA-RANPUR BHANFURA-BANPUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR BHADRAWAIT B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0	0 16 0 351 0 0 0 0 0 0 WR-NR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4	0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 215.7	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 -125.5 -127 1.3 -7.0
NEDEMLAMBEWADI	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-BHANDUR BHANPURA-MORAK MEHGAON-AURAIYA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0	0 16 0 351 0 0 0 0 0 0 WR-NR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange MIL	11 400 kV 12 400 kV 13 400 kV 14 400 kV 15 220 kV 16 220 kV 17 220 kV 18 220 kV 19 132 kV 20 132 kV 20 132 kV 20 136 kV 4 765 kV 5 400 kV 5 400 kV 6 220 kV 5 400 kV 6 220 kV 765 kV 6 220 kV 100 kV 1	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA GWALLOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGHAR-HALITPUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGGI KOLHAPUR-KUNGGI	1 1 1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0 693 1158 1207 0 1456 0	0 16 0 351 0 0 0 0 0 WR-NR 0 1001 1388 2577 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.2 2.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	5.2 4.4 22.3 -1.2 -0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 -125.5 -127 1.3 -7.0 -39.4 2.3,0,0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MI)	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANPUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0 0 693 1158 1207 0 0	0 16 0 351 0 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0	0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANPUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 1 2	0 325 396 979 189 0 0 144 91 0 0 0 693 1158 1207 0 0	0 16 0 351 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 23.3 1.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 -0.5 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0
Max (MW) Min (MW) AVg (MW) MII (MW) AVg (MW) MII (MW) AVg (MW) MII (MW) AVg (MW) MII (MW) AVg (MW) MIII (MW)	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (WISSIN BB BHADRAWATI BB RAIGARI-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLIAPUR-RUDGI KOLIAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1	0 325 396 979 189 0 144 91 0 0 693 1158 1207 0 0	0 16 0 351 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 23.3 1.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 -12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.4 -39.6
ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	- 1	0 325 396 979 189 0 144 91 0 0 693 1158 1207 0 0 CHANGES	0 16 0 351 0 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 12.7 1.3 1.4 0.0 0.0 0.0 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -0.0 -0.5 -2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 -1.25.5 +ve/Export(-ve)
ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	- 1	0 325 396 979 189 0 144 91 0 0 693 1158 1207 0 0 CHANGES	0 16 0 351 0 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 12.7 1.3 1.4 0.0 0.0 0.0 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 -0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange
MANGDECHU HEP 4*180MW) MANGDECHU HEP 4*180MW) MANGDECHU HEP 4*180MW) MALBASE - BINAGURI 1,2,4 (& 400kV MALBASE - BINAGURI 1,2 4 (& 400kV MALBASE - BINAGURI) i.e. BINAGURI 148 0	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-URANYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	1	0 325 396 979 189 0 0 144 91 0 0 693 1158 1207 0 1456 0 0 CHANGES	0 16 0 351 0 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 12.7 1.3 1.4 0.0 0.0 0.0 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 -0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange
ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 979 189 0 0 144 91 0 0 145 0 158 1158 1207 0 1456 0 0 CHANGES Name	0 16 0 351 0 30 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 14.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 -0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 -1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MII)
BHUTAN ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 396 979 979 189 0 144 144 91 0 0 693 1158 1207 0 1456 0 0 0 CHANGES Name	0 16 0 351 0 30 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 14.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 -0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 -1.1 -8.0 -+ve)/Export(-ve) Energy Exchange
RECEIPT (from TALA HEP (6°170MW)	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 396 979 979 189 0 144 144 91 0 0 693 1158 1207 0 1456 0 0 0 CHANGES Name	0 16 0 351 0 30 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 11.1 41.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.2 0.0 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 7.0 -39.4 23.3 0.0 0.0 1.1 1.1 -8.0 +ve)/Export(-ve) Energy Exchange
BHUTAN ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 979 189 0 0 144 91 0 0 145 0 158 1158 1207 0 1456 0 0 1456 0 0 CCHANGES Name	0 16 0 351 0 30 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 11.1 41.8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 -0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 -1.1 -8.0 -+ve)/Export(-ve) Energy Exchange
BHUTAN ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-WARAMANAMA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (WISSIN BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZ-MMABAD KOLJAPUR-RUDGI KOLJAPUR-CHIKODI PONDA-AMBEWADI REGION REGION		0 325 396 396 979 189 0 189 0 144 91 0 0 693 1158 1207 0 1456 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from ps 180MW)	0 16 0 351 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -12Export(-ve) Emergy Exchange (MII)
BHUTAN ER	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-WARAMANAMA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (WISSIN BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZ-MMABAD KOLJAPUR-RUDGI KOLJAPUR-CHIKODI PONDA-AMBEWADI REGION REGION	- Line TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le. ALIPURDU MORV TALL BINAGU MALBASE - BINAGU MALBASE - BINAGU	0 325 396 979 189 0 0 144 91 0 0 1444 91 0 0 158 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 178 0 189 0 189 0 189 0 189 0 189 0 181 0 181 0 0 181 0 0 0 0 0 0 0 0 0 0	0 16 0 351 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 -1.2 2.5 1.3 1.3 0.0 -1.25.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -yep/Export(-ye) Emergy Exchange (MII)
NER 132kV GELEPHU-SALAKATI -8 5 -3 -0.1	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-WARAMANAMA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (WISSIN BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZ-MMABAD KOLJAPUR-RUDGI KOLJAPUR-CHIKODI PONDA-AMBEWADI REGION REGION	- Line TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le. ALIPURDU 400kV ALIPURDU	0 325 396 979 189 0 0 144 91 0 0 1444 91 0 0 158 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 178 0 189 0 189 0 189 0 189 0 189 0 181 0 181 0 0 181 0 0 0 0 0 0 0 0 0 0	0 16 0 351 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 -1.2 2.5 1.3 1.3 0.0 -1.25.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -yep/Export(-ye) Emergy Exchange (MII)
NER 132kV GELEPHU-SALAKATI -8 5 -3 -0.1 NER 132kV MOTANGA-RANGIA -8 0 -2 -0.1 NR 132kV MAHENDRANAGAR- -68 0 -13 -0.3 NR 132kV MAHENDRANAGAR- -68 0 -13 -0.3 NEPAL ER NEPALIMPORT (FROM BIHAR) -113 0 -25 -0.6 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -330 -30 -178 -4.3 ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BRANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 -76 -1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANFURA-RANFUR BHANFURA-MORAK MEHGAON-AURAIYA MALANFURA-WARAMANAMA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITFUR (WISSIN BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZ-MMABAD KOLJAPUR-RUDGI KOLJAPUR-CHIKODI PONDA-AMBEWADI REGION REGION	TERNATIONAL EX Line 400kV MANGDECHE 1,2&3.e. ALIPURDU 400kV TAL-BINAGU MALBASE - BINAGU RECEIPT (from TAL.)	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1458 1158 1207 0 1456 0 0 1459 0 1450	0 16 0 351 0 30 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -12Export(-ve) Emergy Exchange (MII)
NER 132kV MOTANGA-RANGIA -8 0 -2 -0.1	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION REGION	TERNATIONAL EX Line 400kV MANGGECHU HEP- 400kV TALA-BINAG MALBASE - BINAGG	0 325 396 396 979 189 0 189 0 144 91 0 0 693 1158 1207 0 0 1456 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 18 180MW) JRI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BINAGURI A LEP (6*170MW)	0 16 0 351 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 59 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 2.2.3 1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 2.3 2.3 0.0 0.0 1.1 1.1 -8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2
NER 132kV MOTANGA-RANGIA -8 0 -2 -0.1	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION REGION	TERNATIONAL EX Line 400kV MANGGECHU HEP- 400kV TALA-BINAG MALBASE - BINAGG	0 325 396 396 979 189 0 189 0 144 91 0 0 693 1158 1207 0 0 1456 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 18 180MW) JRI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BINAGURI A LEP (6*170MW)	0 16 0 351 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 59 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 10.4 39.4 0.0 0.0 0.0 49.8 Import(Avg (MW)	5.2 4.4 2.2.3 1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 2.3 2.3 0.0 0.0 1.1 1.1 -8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2
NR 132kV MAHENDRANAGAR- TANAKPUR(NIPC) -68 0 -13 -0.3 NEPAL ER NEPALIMPORT (FROM BIHAR) -113 0 -25 -0.6 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -330 -30 -178 -4.3 ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 -756 -18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHANIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REGION REGION REGION	TERNATIONAL EX Line 400kV MANGGECHU HEP- 400kV TALA-BINAG MALBASE - BINAGG	0 325 396 396 979 189 0 189 0 144 91 0 0 693 1158 1207 0 0 1456 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 18 180MW) JRI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BINAGURI A LEP (6*170MW)	0 16 0 351 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 59 WR-SR	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 10.4 39.4 0.0 0.0 0.0 49.8 Import(Avg (MW)	5.2 4.4 2.2.3 1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 2.3 2.3 0.0 0.0 1.1 1.1 -8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2
NR 132kV MAHENDRANAGAR- TANAKPUR(NIPC) -68 0 -13 -0.3 NEPAL ER NEPALIMPORT (FROM BIHAR) -113 0 -25 -0.6 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -330 -30 -178 -4.3 ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 -756 -18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AIRAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REDEM-AMBEWADI ER ER	TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le ALIPURDU MANGDECHE 1,2&3 Le ALIPURDU MANGDECHE 1,2&1 ENAGU MALBASE - BINAGU RECEIPT (from TAL.)	0 325 396 396 979 189 0 0 144 144 0 0 145 0 0 158 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 158 1158 1207 0 1456 0 169 1456 0 169 1456 0 169 1456 0 169 169 170 180 180 180 180 180 180 180 180 180 18	0 16 0 351 351 0 0 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 59 WR-SR Max (MW)	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.3 2.3 1.4 1.4 1.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 2.2.3 1.2 0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 2.3.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MU) 1.2 2.8
NR 132kV MAHENDRANAGAR- TANAKPUR(NIPC) -68 0 -13 -0.3 NEPAL ER NEPALIMPORT (FROM BIHAR) -113 0 -25 -0.6 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -330 -30 -178 -4.3 ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 -756 -18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AIRAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-RUDGI KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REDEM-AMBEWADI ER ER	TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le ALIPURDU MANGDECHE 1,2&3 Le ALIPURDU MANGDECHE 1,2&1 LINAGE MALBASE - BINAGE RECEIPT (from TAL. 220kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU	0 325 396 396 979 189 0 0 144 144 0 0 145 0 0 158 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 158 1158 1207 0 1456 0 169 1456 0 169 1456 0 169 1456 0 169 169 170 180 180 180 180 180 180 180 180 180 18	0 16 0 351 351 0 0 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 59 WR-SR Max (MW)	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.3 2.3 1.4 1.4 1.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 2.2.3 1.2 0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 2.3.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MU) 1.2 2.8
NR TANAKPUR(NIPC) -68 0 -13 -0.3 NEPAL ER NEPALIMPORT (FROM BIHAR) -113 0 -25 -0.6 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -330 -30 -178 -4.3 ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 75 1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI RE ER ER ER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH Line 400kV MANGDECHU HEP 400kV TALA-BINAGI MALBASE - BINAGG MALBASE -	0 325 326 396 979 979 189 0 144 91 0 0 693 1158 1207 0 1456 0 0 1456 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\\$180MW\$) JRI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI	0 16 0 351 0 0 351 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 WR-SR Max (MW) 81	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.5 2.3 1.3 0.0 0.5 2.3 1.3 0.0 0.0 1.125.5 12.7 1.3 7.0 39.4 23.3 0.0 0.0 1.1 1.1 8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2 2.8
NEPAL ER NEPAL IMPORT (FROM BIHAR) -113 0 -25 -0.6	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI RE ER ER ER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH Line 400kV MANGDECHU HEP 400kV TALA-BINAGI MALBASE - BINAGG MALBASE -	0 325 326 396 979 979 189 0 144 91 0 0 693 1158 1207 0 1456 0 0 1456 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\\$180MW\$) JRI 1,2,4 (& 400kV RI) i.e. BINAGURI A HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI	0 16 0 351 0 0 351 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 WR-SR Max (MW) 81	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 9.5 2.3 1.3 9.0 9.0 1.25.5 12.7 1.3 7.0 39.4 23.3 0.0 1.1 8.0 9.0 1.1 1.2 2.8 2.8
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 .330 .30 .178 .4.3 ER BHERAMARA B/B HVDC (BANGLADESH) .720 .335 .525 .12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 .76 .18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AIRAIYA MALANPUR-AUNTAI MALANPUR-AUNTAIYA MALANPUR-AUNTAIYA MALANPUR-AUNTAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI KELDEM-AMBEWADI RE ER ER ER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURBU MANGDECHH HEP. 400kV TAL-BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIPPAR MALBASE - BIPPA	0 325 396 396 979 979 189 0 0 144 91 0 0 145 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 351 351 0 0 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 59 WR-SR Max (MW) 81 148	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 23.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	5.2 4.4 22.3 1.2 0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MU) 1.2 2.8 -0.6
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 .330 .30 .178 .4.3 ER BHERAMARA B/B HVDC (BANGLADESH) .720 .335 .525 .12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 .76 .18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAI. RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AIRAIYA MALANPUR-AUNTAIYA MALANPUR-AUNTAIYA MALANPUR-AUNTAIYA MALANPUR-AUNTAIYA (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI RE ER ER ER ER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURBU MANGDECHH HEP. 400kV TAL-BINAGI MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIPPAR MALBASE - BIPPA	0 325 396 396 979 979 189 0 0 144 91 0 0 145 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 351 351 0 0 30 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 59 WR-SR Max (MW) 81 148	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 90.2 12.7 1.3 3.4 0.0 0.0 23.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	5.2 4.4 22.3 1.2 0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MU) 1.2 2.8 -0.6
ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 92 9 176 1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECTH HEP - 400kV TALA-BINAGI MALBASE - BINAGI RECEIPT (from TALL 220kV CHUKH-BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 351 0 0 351 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR Max (MW) 81 148	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 0.0 0.0 1.2.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.2 0.0 -0.5 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -8.0 -+ve)/Export(-ve) Energy Exchange (MU) 1.2 2.8 -0.6
ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 92 9 176 1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECTH HEP - 400kV TALA-BINAGI MALBASE - BINAGI RECEIPT (from TALL 220kV CHUKH-BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 351 0 0 351 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR Max (MW) 81 148	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 0.0 0.0 1.2.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.5 2.3 1.3 0.0 0.1 2.5 1.3 0.0 1.2 2.5 1.3 1.3 0.0 1.2 2.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3
ER BHERAMARA B/B HVDC (BANGLADESH) -720 -335 -525 -12.6 BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 92 9 176 1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER ER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECTH HEP - 400kV TALA-BINAGI MALBASE - BINAGI RECEIPT (from TALL 220kV CHUKH-BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 351 0 0 351 0 0 0 0 0 0 WR-NR 0 1001 1388 2577 0 0 0 0 WR-SR Max (MW) 81 148	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 0.0 0.0 1.2.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0	0.0 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.5 2.3 1.3 0.0 0.1 2.5 1.3 0.0 1.2 2.5 1.3 1.3 0.0 1.2 2.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3
RANGI ADESH NED 132kV COMILLA-SURAJMANI NAGAR 92 0 76 1.8	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA BHANDHA-LALITPUR (WISST) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR BER BER ER ER ER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURBU MANGDECHU HEP 400kV TALA-BINAGI MALBASE - BINAGI MALBA	0 325 396 979 189 0 0 189 0 0 144 91 0 0 145 0 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1676 0 0 1766 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 0 351 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 2.3 1.3 0.0 0.0 -1.25.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -2.8 -2.8 -0.6 -0.1 -0.1 -0.3 -0.6
RANGI ADESH NED 132kV COMILLA-SURAJMANI NAGAR 02 0 76 18	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA BHANDHA-LALITPUR (WISST) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLAPUR-RAIGHUR BER BER ER ER ER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURBU MANGDECHU HEP 400kV TALA-BINAGI MALBASE - BINAGI MALBA	0 325 396 979 189 0 0 189 0 0 144 91 0 0 145 0 1158 1207 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1456 0 0 1676 0 0 1766 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 0 351 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 1.3 0.0 90.2 12.7 1.3 3.4 0.0 0.0 1.1 1.3 3.4 0.0 0.0 1.1 41.8 Min (MW)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.12 0.0 -0.5 2.3 1.3 0.0 0.0 -1.25.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 -2.5 Energy Exchange (MU) 1.2 2.8 -0.6
	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1456 0 1456 0 1456 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 0 351 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 90.2 12.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0 0 0 -30	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2 2.8 -0.6 -0.1 -0.1 -0.3 -0.6
	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	0 325 396 396 979 189 0 0 144 91 0 0 1444 91 0 0 1456 0 1456 0 1456 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 0 351 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 90.2 12.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0 0 0 1 1 1 1 1 1 1 1 1 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2 2.8 -0.6 -0.1 -0.1 -0.3 -0.6
	11	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI ER ER ER NER NER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2	0 325 396 979 189 0 0 189 0 189 0 0 144 91 0 0 158 11207 0 1456 0 0 1456 0 0 0 1456 0 0 1456 0 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 16 0 0 351 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.2 4.4 22.3 0.8 0.0 0.0 0.2 2.3 1.3 0.0 0.0 0.0 90.2 12.7 1.3 3.4 0.0 1.1 41.8 Min (MW) 0 0 0 1 1 1 1 1 1 1 1 1 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5.2 4.4 22.3 1.1.2 0.0 0.0 -0.5 2.3 1.3 0.0 0.0 -125.5 12.7 1.3 -7.0 -39.4 23.3 0.0 0.0 1.1 8.0 +ve)/Export(-ve) Energy Exchange (MII) 1.2 2.8 -0.6 -0.1 -0.1 -0.3 -0.6
	111	ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (WISH SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER ER ER ER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 Le. ALIPURBU MANGBECHH 1,283 Le. ALIPURBU MANGBECHH HEP 400kV TALA-BINAGI MALBASE - BINAGU RECEIPT (from TAL 220kV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R- 132kV MOTANGA-R- 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR- BHERAMARA B/B H 132kV COMILLA-SU	0 325 396 979 189 0 0 189 0 189 0 0 144 91 0 0 158 11207 0 1456 0 0 1456 0 0 0 1456 0 0 1456 0 0 1456 0 0 0 1456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	5.2 4.4 22.3 0.8 0.0 0.2 2.3 1.3 0.0 0.0 90.2 1.3 1.3 3.4 0.0 1.1 1.3 3.4 0.0 1.1 41.8 Min (MW) 0 0 1 0 1 1 1 1 1 1 1 1 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0	5.2 4.4 22.3 -1.2 0.0 -0.5 -2.3 -1.3 -0.0 -0.5 -1.3 -0.0 -1.2.5 -1.3 -7.0 -3.9.4 -3.3 -7.0 -3.9.4 -3.3 -7.0 -3.9.4 -3.1 -3.0 -3.9 -4.1 -4.3 -0.6 -0.1 -0.1 -0.3 -0.6