

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, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक:04th Oct 2021

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
- 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 03.10.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-अक्टूबर-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 03rd October 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: 04-Oct-2021

A. Power Suppl	y Position at All India and Regional level						
		NR	WR	SR	ER	NER	TOTAL
Demand Met dur	ring Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	49379	48520	37583	19999	2691	158172
Peak Shortage (N	IW)	1640	0	0	246	0	1886
Energy Met (MU	0)	1163	1104	885	434	51	3636
Hydro Gen (MU)		275	61	152	110	24	622
Wind Gen (MU)		27	27	21	-		75
Solar Gen (MU)*		65.59	39.95	98.24	4.60	0.16	209
Energy Shortage	(MU)	3.86	0.00	0.00	1.78	0.11	5.75
Maximum Dema	nd Met During the Day (MW) (From NLDC SCADA)	53417	48642	41669	20306	2697	161628
Time Of Maximum Demand Met (From NLDC SCADA)		21:30	19:15	12:43	20:32	18:02	19:26
B. Frequency P	rofile (%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.025	0.00	0.39	3.77	4.17	81.66	14.18

C. Power Supply Position in States Max.Demand Shortage during Energy Met Drawal OD(+)/UD(-) Max OD Energy Region States Schedule Shortage maximum (MU) (MU) (MW) dav(MW) Demand(MW) (MII) (MU) 198.1 Punjab 101.8 Haryana 8120 169.7 127.6 0.7 0.00 179 551 98 Delhi 5053 101.6 86.7 -0.4 0.00 UP Uttarakhand 18324 1810 367.7 36.4 146.8 14.0 0.8 0.41 NR 1330 2338 27.7 39.5 0.5 18.7 -0.4 0.00 J&K(UT) & Ladakh(UT) 250 0.0 225 3.45 Chandigarh Chhattisgarh 4.7 93.1 245 0.0 0.00 3971 43.4 241 721 0.1 0.00 Gujarat 13519 312.2 190.3 0.5 0.00 218.1 135.6 WR Maharashtra 19268 424.3 148.7 -1.9 629 0.00 581 317 10.8 Goa DD 6.9 6.7 0.2 80 0.00 DNH AMNSIL 18.7 836 18.4 8.4 0.4 0.00 Andhra Pradesh Telangana 191.1 193.8 82.4 39.1 536 351 9009 0.4 0.00 9586 -0.6 0.00 SR Karnataka 8423 165.8 65.3 0.00 302 36.6 155.9 -0.5 0.00 Kerala Tamil Nadu 261.4 12049 2.8 781 0.00 Puducherry Bihar 4629 78.6 74.4 -0.9 363 0.73 Jharkhand 21.9 32.1 1418 -0.8 211 0.32 ER Odisha 5014 110.1 -0.9 0.00 West Bengal 32.8 528 7624 155.5 -0.6 0.00 Sikkim Arunachal Pradesh 1.2 1.2 2.1 0.0 26 74 0.00 122 0 -0.1 0.00 Assam Manipur 1670 107 0.00 2.6 5.3 1.3 0.0 194 0.00 NER Meghalaya Mizoram -0.3 0.11 0.1 Nagaland 119 -0.2 0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	35.4	1.1	-19.9
Day Peak (MW)	1868.0	102.0	-853.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	163.6	-49.0	12.1	-120.4	-6.3	0.0
Actual(MU)	142.4	-37.1	17.7	-117.9	-8.4	-3.2
O/D/U/D(MU)	-21.2	11.9	5.6	2.5	-2.1	-3.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4159	20290	7812	3580	409	36249	44
State Sector	10200	20920	9118	5135	11	45384	56
Total	14359	41209	16930	8715	420	81633	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	566	961	467	458	11	2462	66
Lignite	28	13	37	0	0	77	2
Hydro	275	61	152	110	24	622	17
Nuclear	31	33	65	0	0	129	3
Gas, Naptha & Diesel	24	21	10	0	30	85	2
RES (Wind, Solar, Biomass & Others)	107	67	150	5	0	329	9
Total	1031	1155	880	573	65	3704	100
			1				ì
Share of RES in total generation (%)	10.39	5.81	17.01	0.81	0.25	8.88	
Share of Non-foscil fuel (Hydro Nuclear and RFS) in total generation(%)	40.03	13 03	41.66	20.09	37 51	20.15	

H. All India Demand Diversity Factor Based on Regional Max Demands

Dasca on Regional Max Demands	1.032
Based on State Max Demands	1.063

Descrity 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: 04 Oct 2021

No. of Circuit Max. Import (AW) Max Export (AW) Import (AW) Export (AW) NET (AW)								Date of Reporting:	04-Oct-2021
STATE STAT	SI	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MII)		
1 10 10 10 10 10 10 10	Impo			rior or circuit	man import (mrvv)	Man Export (MT11)	import (inte)	1	1,21 (.110)
1				2	0	1502	0.0	35.8	-35.8
1	2			-		247	0.0	6.1	
S. POS V. GAYABULAN				2					
				1					
1		400 kV	PUSAULI-VARANASI	i					
	7	400 kV	PUSAULI -ALLAHABAD	î				2.2	
10				2					-8.6
11				4					
13				2					
10 20 20 20 20 20 20 20				2					
1.0 1.3				1					
10		132 kV	SONE NAGAR-RIHAND	1					
12 12 12 12 12 12 12 12				1 1					
1			KARMANASA-SAHUPURI	+					
	1/	132 KV	KARWANASA-CHANDAULI		·				
1	Impo	rt/Export of ER (With WR)				•		7011
1	1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	903	163	9.1	0.0	9.1
MON	2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	720	308	9.8	0.0	9.8
# # # # # # # # # #	3	765 kV	JHARSUGUDA-DURG	2	168	122	0.8	0.0	0.8
S	4	400 kV		4	0	404	0.0	4.1	-4.1
1 20 142 0.0 2.3 2.3 2.3 1									
1 20 20 10 10 10 20 10 20 10 20 17 17 18 18 18 18 18 18									
Transport Text Wilder W									
	\vdash	220 K V	DODINI ADAR-NORDA	1 4	14/				
1 14 17 17 17 17 17 17	Impo	rt/Export of ER	With SR)			ER-WK	43.0	. 0.0	11.0
1 1 1 1 1 1 1 1 1 1	1	HVDC	JEYPORE-GAZUWAKA B/B			499		10.7	
SOURCE TALCIPERIC 2 0 \$32 0.0 \$7. \$7. \$7.		HVDC	TALCHER-KOLAR BIPOLE		0	1642	0.0		-39.7
Second Part Part									
The provided for the (With NEE)									
Images Figure of ER (With NER)	٦	220 K V	DALIMELA-ULI ER-SILERRU		- 4	ER-SR			
1	Impo	rt/Export of ER (With NER)						-02.2
3	1	400 kV	BINAGURI-BONGAIGAON	2					
The The		400 kV	ALIPURDUAR-BONGAIGAON	2			0.0		-0.9
ImportExport of NER (With NR)	3	220 kV	ALIPURDUAR-SALAKATI	. 2	0				
I HYDE	Impo	rt/Export of NER	(With NR)			ER-NER	0.0	/.0	-/.8
Indignite-State of VR Win NR NR Indignite-State of VR Win Win NR Indignite-State of VR Win Win NR Indignite-State of VR Win	1			2	0	703	0.0	16.8	-16.8
HYDE				•	*				
HYDE VINDINACHAL RB	Impo	rt/Export of WR	(With NR)	•					
A		HVDC	CHAMPA-KURUKSHETRA	2					
4 76 18 18 18 18 18 18 18 1		HVDC	MUNDRA MOUINDERCARU	-					
S 765 kV GWALIOR-PHAGE 2 0 1506 0.0 25.3 2.5.3								20.2	
6				2					
1	6	765 kV	JABALPUR-ORAI			669	0.0		
9 765 kV BAANSKANTHA-CHITORGARIE 2 1747 0 31.1 0.0 31.1 0.0 31.1 10 765 kV VINDHYATRIA-VARANSIS 2 0 2416 0.0 42.7 42.7 42.7 42.7 11.1 400 kV ZERDA-KANSKOLI 1 418 0 7.8 0.0 7.8 0.0 7.8 1.0 1.0									
10		765 KV	BANASKANTHA CHITODOADH						
11		765 kV	VINDHYACHAL-VARANASI						
12 400 kV ZERDA - BRINNMAL				1				0.0	
14 400 KV RAPPSHIJALPUR 2 194 220 1.1 1.4 4.02									
S 220 KV BHANUERA-RANDER				1					
16 229 kV BRANTURA-MORAK	13	400 kV	VINDHYACHAL -RIHAND	1	964	0	21.8	0.0	21.8
17 220 kV MIALANDRICAURANYA	13 14	400 kV 400 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR	1 1 2	964 194	0 220	21.8 1.1	0.0 1.4	21.8 -0.2
18 220 kV MALANPURAURAIYA	13 14 15	400 kV 400 kV 220 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	1 1 2 1	964 194 65	0 220 30	21.8 1.1 0.2	0.0 1.4 0.1	21.8 -0.2 0.2
132 kV RAIGHAT-LALITPUR	13 14 15 16	400 kV 400 kV 220 kV 220 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 1 2 1 1	964 194 65 0	0 220 30 30	21.8 1.1 0.2 1.2	0.0 1.4 0.1 0.0 0.0	21.8 -0.2 0.2 1.2
WR-NR 106.7 160.3 -53.6	13 14 15 16 17 18	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1 2 1 1	964 194 65 0 142 102	0 220 30 30 0	21.8 1.1 0.2 1.2 1.3 2.1	0.0 1.4 0.1 0.0 0.0	21.8 -0.2 0.2 1.2 1.3 2.1
Indicate Indicate	13 14 15 16 17 18 19	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 2 1 1 1	964 194 65 0 142 102	0 220 30 30 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0	21.8 -0.2 0.2 1.2 1.3 2.1 0.0
1 HVDC BHADRAWATI BB -	13 14 15 16 17 18 19	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 2 1 1 1 1 1 2	964 194 65 0 142 102	0 220 30 30 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0
3 765 kV SOLAPUR-RAICHUR 2 834 1061 3.5 4.7 -1.1	13 14 15 16 17 18 19 20	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORISAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 2 1 1 1 1 1 2	964 194 65 0 142 102	0 220 30 30 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0
1	13 14 15 16 17 18 19 20	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 222 kV 132 kV 132 kV rt/Export of WR HVDC	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALTIPUR With SR) BHADRAWATI B/B	1 1 2 1 1 1 1 1 2	964 194 65 0 142 102 0	0 220 30 30 0 0 0 WR-NR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6
S	13 14 15 16 17 18 19 20 Impo	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR HVDC HVDC	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALJORS-SWAL MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR		964 194 65 0 142 102 0 0	0 220 30 30 0 0 0 WR-NR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6
Column	13 14 15 16 17 18 19 20 Impo 1 2	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR HVDC HVDC 765 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WARM BHANGAURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR	2	964 194 65 0 142 102 0 0 507 973 834	0 220 30 30 0 0 0 WR-NR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6
7 220 kV PONDA-AMBEWADI 1 0 0 0.0 0.0 0.0 1.5	13 14 15 16 17 18 19 20 Impo 1 2 3 4	400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV TV/Export of WR HVDC HVDC 765 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANAW BHANPURA-WARAY MALANPUR-AURAIYA MALANPUR-AURAIYA GWALJORS-SWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2	964 194 65 0 142 102 0 0 0 507 973 834 0	0 220 30 30 0 0 0 WR-NR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6 10.1 22.5 -1.1 -20.2
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR HVDC HVDC 765 kV 765 kV 400 kV	VINDHYACHAL -RIHAND RAPP-SHUJALPUR 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-KUDGI	2 2 2 2	964 194 65 0 142 102 0 0 507 973 834 0 1222	0 220 30 30 0 0 0 0 WR-NR 106 0 1061 1751 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6 10.1 22.5 -1.1 -20.2 21.4
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 17 kV 18 k	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANGAUR BHANPURA-WARMAWAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAM	2 2 2 2	964 194 65 0 142 102 0 0 507 973 834 0 1222 0 0	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 160.3	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6 10.1 22.5 -1.1 -20.2 21.4 0.0 0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange (MU)	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 17 kV 18 k	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANGAUR BHANPURA-WARMAWAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAM	2 2 2 2	964 194 65 0 142 102 0 0 507 973 834 0 1222 0 0	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6 10.1 22.5 -1.1 -20.2 21.4 0.0 0.0
Mar Mar	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 17 kV 18 k	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANAURAIYA MALANPURA-WARAIYA MALANPUR-AURAIYA GWALJORS-SWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 0.2 1.2 1.3 2.1 0.0 0.0 -53.6 10.1 22.5 -1.1 -20.2 21.4 0.0 0.0 1.5 34.2
Hole	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14 kV 15 kV 17 kV 18 k	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WANAURAIYA MALANPURA-WARAIYA MALANPUR-AURAIYA GWALJORS-SWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -53.6 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
ER	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPURA-WARAYA MALANPUR-AURAIYA GWALIORS-SWAJ MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	2 2 2 2 1 1 1	964 194 65 0 142 102 0 0 0 \$507 973 834 0 1222 0 0 0 \$CCHANGES	0 220 30 30 0 0 0 WR-NR 106 1061 1751 0 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.3 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 -+ve)/Export(-ve)
MANGDECHU HEF 4* 80MW	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAYA MALANPURA-WARAYA MALANPUR-AURAIYA GWALIORS-SWAJ MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN	2 2 2 2 1 1 1 TERNATIONAL EX	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 CCHANGES	0 220 30 30 0 0 0 WR-NR 106 1061 1751 0 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.3 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 -+ve)/Export(-ve)
BHUTAN ER MALBASE BINAGURI) 1944 661 730 17.5	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR 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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REgion	2 2 2 2 2 1 1 1 1 FERNATIONAL EX- Line 400kV MANGDECHI	964 194 65 0 142 102 0 0 507 973 834 0 1222 0 0 0 CCHANGES E Name	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 -+ve)/Export(-ve)
RECEIPT (from TALA HEP (ex 2008) 259 6.2	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR 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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI REgion	2 2 2 2 1 1 ITERNATIONAL EX Line 400kV MANGDECHI 1,243 i.e. ALIPURDU MANGDECHI HEP	964 194 65 0 142 102 0 0 507 973 834 0 1222 0 0 0 CCHANGES P Name HI-ALIPURDUAR JAR RECEIPT (from 4*180MW)	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 -+ve)/Export(-ve)
BHUTAN ER MALBASE - BIRPARA 1&2 (&220KV NER 132kV GELEPHU-SALAKATI 20 5 13 0.3 NER 132kV MOTANGA-RANGIA 51 0 18 0.4 NER 132kV MOTANGA-RANGIA 51 0 0 0.0 NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) .713 .711 .712 .17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAM MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORISAWAI MADHOPUR RAIGHAT-LALITPUR With SR) 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 2 1 1 1 1 FERNATIONAL EX 400KV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 400KV TALA-BINAG	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 CCHANGES Name AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400W)	0 220 30 30 0 0 0 WR-NR 106 1061 1751 0 0 0 76 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW)	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 24.9 0.0 0.0 4.7 Import	21.8 -0.2 -0.2 -1.2 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 +ve)/Export(-ve) Energy Exchange (MII) -10.9
NER	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAM MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORISAWAI MADHOPUR RAIGHAT-LALITPUR With SR) 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 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGBECHH 1,2&3 i.e. ALIPURDI MANGBECHH HEP 400KV TALA BINAG MALBASE - BINAGI	964 194 65 0 142 102 102 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*189MW) URI 1,2,4 (& 400kV)	0 220 30 30 0 0 0 WR-NR 106 1061 1751 0 0 0 76 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW)	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 24.9 0.0 0.0 4.7 Import	21.8 -0.2 -0.2 -1.2 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 +ve)/Export(-ve) Energy Exchange (MII) -10.9
NER	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 147 kV 155 kV 400 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARAM MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORISAWAI MADHOPUR RAIGHAT-LALITPUR With SR) 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 E2 Line MANGBECHH HEP	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 CCHANGES Name AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400kV URI) i.e. BINAGURI A HEP (6*120MW)	0 220 30 30 0 0 0 WR-NR 106 1061 1751 0 0 0 76 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW)	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 24.9 0.0 0.0 4.7 Import	21.8 -0.2 -0.2 -1.2 -1.3 -2.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 +ve)/Export(-ve) Energy Exchange (MII) -10.9
NER	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHVA MALANPUR-AURATVA MALANPUR-AURATVA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 1 1 1 TERNATIONAL E. Lim 400kV MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI KECEJPT (From TAL 220kV CHUKHA-BIE MALBASE - BIRPAK MALBASE - BIRPAK MALBASE - BIRPAK	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES EVAMBE 840-ALPURDUAR 1AR RECEIPT (from 4+180AW) URI 1,2,4 (8.400K) URI 1,2,4 (8.4	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 +ve)/Export(-ve) Energy Exchange (MIT) -10.9 -17.5
NER	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHVA MALANPUR-AURATVA MALANPUR-AURATVA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	2 2 2 2 1 1 1 TERNATIONAL E. Lim 400kV MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI KECEJPT (From TAL 220kV CHUKHA-BIE MALBASE - BIRPAK MALBASE - BIRPAK MALBASE - BIRPAK	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES EVAMBE 840-ALPURDUAR 1AR RECEIPT (from 4+180AW) URI 1,2,4 (8.400K) URI 1,2,4 (8.4	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -21.4 -0.0 -0.0 -1.5 -34.2 +ve)/Export(-ve) Energy Exchange (MIT) -10.9 -17.5
NEPAL ER NEPAL INDEXT (FROM BIHAR) 0 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) .713 .711 .712 .17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANDAN MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SRI BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL E. Lim 400kV MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAK RECEIPT (from TAL RECEIPT (from CHU	964 194 65 0 142 102 0 0 142 102 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES E Name HU-ALIPURDUAR JAR RECEIPT (from 49180MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URAR JAZ (& 220kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW)	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.1 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 20.2 7 20.2 7 20.2 7 20.3 20.9 24.9 Import Avg (MW) 455	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -2.1 -0.0 -0.0 -53.6 -1.1 -20.2 -1.4 -0.0 -0.0 -1.5 -1.1 -20.2 -1.4 -0.0 -1.5 -1.1 -20.2 -1.4 -0.0 -1.5 -1.7 -20.2 -1.1 -20.2 -20.
NEPAL ER NEPAL INDEXT (FROM BIHAR) 0 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) .713 .711 .712 .17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANDAN MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SRI BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL E. Lim 400kV MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAK RECEIPT (from TAL RECEIPT (from CHU	964 194 65 0 142 102 0 0 142 102 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES E Name HU-ALIPURDUAR JAR RECEIPT (from 49180MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URAR JAZ (& 220kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW)	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.1 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 20.2 7 20.2 7 20.2 7 20.3 20.9 24.9 Import Avg (MW) 455	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -2.1 -0.0 -0.0 -53.6 -1.1 -20.2 -1.4 -0.0 -0.0 -1.5 -1.1 -20.2 -1.4 -0.0 -1.5 -1.7 -20.2 -1.4 -0.0 -1.5 -1.7 -20.2 -1.1 -20.2 -20.
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANDAN MEHCAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SRI BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL E. Lim 400kV MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAK RECEIPT (from TAL RECEIPT (from CHU	964 194 65 0 142 102 0 0 142 102 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES E Name HU-ALIPURDUAR JAR RECEIPT (from 49180MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URAR JAZ (& 220kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) Le, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW) URI 1,2,4 (& 400kV URI) LE, BINAGURI A HEP (6*170MW)	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.1 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.7 20.2 7 20.2 7 20.2 7 20.3 20.9 24.9 Import Avg (MW) 455	21.8
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WAWA MALANPURA-WAWA MALANPURA-WAWA MALANPURA-WAWA MALANPURA-WAWA MALANPURA-WAWA MALANPURA-WAWA MAHANPURA-WAWA MAHANPURA-WAWA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI FONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER ER	2 2 2 2 1 1 1 1 IERNATIONAL E2 Line 4006V MANGDECHU HEP 4006V TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAG M	964 194 65 0 142 102 102 103 104 109 109 109 109 109 109 109 109 109 109	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -0.0 -5.3.6 -10.1 -22.5 -1.1 -20.2 -1.4 -0.0 -0.0 -1.5 -3.4,2 +ve)/Export(-ve) Energy Exchange (MII) -10.9 -17.5 -6.2 -1.5 -1.6 -1.0 -1.6 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0 0.0 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WHIS RN BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER	2 2 2 2 1 1 1 1 TERNATIONAL E2 Lim Hangberh Hep Hangberh	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES Name 81-ALPURDUAR JAR RECEIPT (from 4*180AW) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) AHP (6*170AW) PARA 1,8 URI AZ (x 220k) AZ 1,6 BIRRACURI ALF 484MW) LAKATI ANGIA	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -0.0 -5.3.6 -10.1 -22.5 -1.1 -20.2 -1.4 -0.0 -0.0 -1.5 -3.4,2 +ve)/Export(-ve) Energy Exchange (MII) -10.9 -17.5 -6.2 -1.5 -1.6 -1.0 -1.6 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR 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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. Alf PURDH MANGDECHH HEP 400KV TALA BINAG MALBASE - BINAGI RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN 132kV MAHENDRAN	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES Name 81-ALPURDUAR JAR RECEIPT (from 4*180AW) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) AHP (6*170AW) PARA 1,8 URI AZ (x 220k) AZ 1,6 BIRRACURI ALF 484MW) LAKATI ANGIA	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560 944	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 24.9 Import Avg (MW) 455 730	21.8
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 102 0 44 1.1 ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR 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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. Alf PURDH MANGDECHH HEP 400KV TALA BINAG MALBASE - BINAGI RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MAHENDRAN 132kV MAHENDRAN	964 194 65 0 142 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES Name 81-ALPURDUAR JAR RECEIPT (from 4*180AW) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) URI 1,2,4 (x 400k) AHP (6*170AW) PARA 1,8 URI AZ (x 220k) AZ 1,6 BIRRACURI ALF 484MW) LAKATI ANGIA	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560 944	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 4.7 20.2 0.0 0.0 0.0 0.0 24.9 Import Avg (MW) 455 730	21.8
ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR 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-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL E2 Line 4006V MANGDECHH 1,2&3 i.e. Alpurnd MANGDECHH HEP 4006V TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAG RECEIPT (from TAL 132kV GELEPHU-SA 132kV MAHENDRAN TANAKPUR(NHPC)	964 194 65 0 142 102 102 103 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name 80-ALPURDUAR AR RECEIPT (from 4*180AW) URI 1,4/8 400KV URI 1,4/8 400KV KICHANGES LA BERPARA KICHAN	0 220 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 WR-SR Max (MW) 560 944	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 0.0 1.5 59.1 Min (MW) 438	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPUR-RANPUR MARANPUR MARA	2 2 2 2 1 1 1 1 FERNATIONAL E2 Line 4006V MANGDECHH 1,2&3 i.e. Alpurnd MANGDECHH HEP 4006V TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAG RECEIPT (from TAL 132kV GELEPHU-SA 132kV MAHENDRAN TANAKPUR(NHPC)	964 194 65 0 142 102 102 103 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name 80-ALPURDUAR AR RECEIPT (from 4*180AW) URI 1,4/8 400KV URI 1,4/8 400KV KICHANGES LA BERPARA KICHAN	0 220 30 30 30 0 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20	21.8 1.1 0.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438 661	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -20.2
ER BHERAMARA B/B HVDC (BANGLADESH) -713 -711 -712 -17.1	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPUR-RANPUR MARANPUR MARA	2 2 2 2 1 1 1 1 FERNATIONAL E2 Line 4006V MANGDECHH 1,2&3 i.e. Alpurnd MANGDECHH HEP 4006V TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAG RECEIPT (from TAL 132kV GELEPHU-SA 132kV MAHENDRAN TANAKPUR(NHPC)	964 194 65 0 142 102 102 103 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name 80-ALPURDUAR AR RECEIPT (from 4*180AW) URI 1,4/8 400KV URI 1,4/8 400KV KICHANGES LA BERPARA KICHAN	0 220 30 30 30 0 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20	21.8 1.1 0.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438 661	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8 -0.2 -0.2 -1.2 -1.3 -1.3 -1.1 -0.0 -0.0 -53.6 -10.1 -22.5 -1.1 -20.2 -20.2 -2
	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER NER	2 2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. Alpurdd MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI RECEIPT (from LAR MALBASE - BIPABA I SZEV MOTANGA-R 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI	964 194 194 65 0 1442 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES P Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) AHEP (6*170MW) PARA 182 (& 220kV AA) i.e. BIRPARA LAKATI ANGIA ANGIA NAGAR- ROM BIHAR)	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 0 WR-SR Max (MW) 560 944 293 20 51	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438 661 0 5	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER NER	2 2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. Alpurdd MANGDECHH HEP 400kV TALA BINAG MALBASE - BINAGI RECEIPT (from LAR MALBASE - BIPABA I SZEV MOTANGA-R 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI	964 194 194 65 0 1442 102 0 0 0 507 973 834 0 1222 0 0 0 0 CCHANGES P Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) URI 1,2,4 (& 400kV) AHEP (6*170MW) PARA 182 (& 220kV AA) i.e. BIRPARA LAKATI ANGIA ANGIA NAGAR- ROM BIHAR)	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 0 WR-SR Max (MW) 560 944 293 20 51	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438 661 0 5	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
BANGLADESH NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -140 0 -117 -2.8	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPUR-RANPUR MARANPUR M	2 2 2 2 1 1 1 1 TERNATIONAL E2 2 1 1 1 1 TERNATIONAL E3 Lim Hangberh Hep Hangberh H	964 194 65 0 142 102 102 103 1442 102 0 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400KV URI) i.e. BINAGURI AHP (*E1*70MW) RPARA 1 &2 (& 220KV RA) i.e. BIRPARA KIKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) ANGIA A	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20 51 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 0.0 21.4 0.0 0.0 1.5 52.1 Min (MW) 438 661 0 0	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
BANGLADESH NER 132kV COMILLA-SURAJMANI NAGAR 1&2 -140 0 -117 -2.8	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPUR-RANPUR MARANPUR M	2 2 2 2 1 1 1 1 TERNATIONAL E2 2 1 1 1 1 TERNATIONAL E3 Lim Hangberh Hep Hangberh H	964 194 65 0 142 102 102 103 1442 102 0 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400KV URI) i.e. BINAGURI AHP (*E1*70MW) RPARA 1 &2 (& 220KV RA) i.e. BIRPARA KIKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) ANGIA A	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20 51 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 0.0 21.4 0.0 0.0 1.5 52.1 Min (MW) 438 661 0 0	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
	13 14 15 16 17 18 19 20 Impo 1 2 3 4 5 6 7	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 140 kV 155 kV 400 kV 220 kV 220 kV 220 kV 220 kV	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-RANPUR MALANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPURA-RANPUR MARANPUR-RANPUR MARANPUR M	2 2 2 2 1 1 1 1 TERNATIONAL E2 2 1 1 1 1 TERNATIONAL E3 Lim Hangberh Hep Hangberh H	964 194 65 0 142 102 102 103 1442 102 0 104 105 107 973 834 0 1222 0 0 0 0 CCHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8 400KV URI) i.e. BINAGURI AHP (*E1*70MW) RPARA 1 &2 (& 220KV RA) i.e. BIRPARA KIKHA HEP 4*84MW) ALAKATI ANGIA NAGAR- ROM BIHAR) ANGIA A	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20 51 0	21.8 1.1 0.2 1.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 0.0 21.4 0.0 0.0 1.5 52.1 Min (MW) 438 661 0 0	0.0 1.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8
	13 14 15 16 17 18 19 20 11 19 20 15 6 7 8	400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 765 kV 765 kV 220 kV 220 kV 220 kV 220 kV 220 kV 220 kV Autorial Service Servi	VINDHYACHAL -RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHCAON-AURANYA MALANPURA-MORAK MEHCAON-AURANYA MALANPURA-MORAK MEHCAON-AURANYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDCI KURTANIANANANANANANANANANANANANANANANANANAN	2 2 2 2 1 1 1 1 FERNATIONAL E2 Line 4006V MANGDECHH 1,283 i.e. Alpurdd MANGDECHU HEP 4006V TALA-BINAG MALBASE - BINAGI MALBAS	964 194 194 65 0 142 102 102 0 0 507 973 834 0 0 1222 0 0 0 0 CCHANGES Name HU-ALIPURDUAR JAR RECEIPT (from 4*180MW) URI 1,2,4 (& 400kV) URI 1,2,	0 220 30 30 30 0 0 0 WR-NR 106 0 1061 1751 0 0 76 WR-SR Max (MW) 560 944 293 20 51 0 0 102	21.8 1.1 0.2 1.3 2.1 0.0 0.0 0.0 0.0 106.7 10.3 22.5 3.5 0.0 21.4 0.0 0.0 1.5 59.1 Min (MW) 438 661 0 5 0 0 0 -711	0.0 1.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 160.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21.8