

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

दिनांक: 28th Jan 2022

Ref: POSOCO/NLDC/SO/Daily PSP Report

To,

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

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

Sub: Daily PSP Report for the date 27.01.2022.

महोदय/Dear Sir,

SSS

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-जनवरी-2022 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध है।

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 27th January 2022, 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:	28-Jan-2022
A Power Supply Position at All India and Pagional level		

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	54927	55591	43079	19383	2652	175632
Peak Shortage (MW)	250	0	0	301	0	551
Energy Met (MU)	1045	1249	1001	398	46	3739
Hydro Gen (MU)	95	39	88	24	9	255
Wind Gen (MU)	2	67	50		-	120
Solar Gen (MU)*	79.11	46.52	85.87	4.86	0.34	217
Energy Shortage (MU)	4.65	0.00	0.00	4.56	0.00	9.21
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	55880	62286	51558	20537	2736	187645
Time Of Maximum Demand Met (From NLDC SCADA)	18:54	10:25	09:43	18:46	17:54	10:25

B. Frequency Pr	rofile (%)						
Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.026	0.00	0.00	1.62	1.62	77.73	20.65

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the day(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortag (MU)
	Punjab	6821	0	121.4	54.8	-1.7	126	0.00
	Haryana	6415	0	116.5	58.9	0.2	180	0.00
	Rajasthan	14831	0	268.1	65.1	2.1	349	0.00
	Delhi	4708	0	75.8	64.4	-1.1	265	0.00
NR	UP	19022	0	325.1	91.3	-2.5	676	0.00
	Uttarakhand	2316	0	42.7	31.7	0.1	173	0.00
	HP	1902	0	33.4	24.8	0.1	238	0.00
	J&K(UT) & Ladakh(UT)	2808	300	57.8	55.7	-3.6	111	4.65
	Chandigarh	248	0	4.1	4.1	0.0	73	0.00
	Chhattisgarh	4036	0	87.0	32.2	0.4	195	0.00
	Gujarat	17148	0	349.6	172.6	-1.2	609	0.00
	MP	14564	0	276.1	162.9	2.4	1102	0.00
WR	Maharashtra	24750	0	481.6	142.4	-1.8	801	0.00
	Goa	567	0	11.0	10.6	0.1	60	0.00
	DD	330	0	6.4	6.1	0.3	44	0.00
	DNH	844	0	18.2	17.7	0.5	129	0.00
	AMNSIL	865	0	18.9	9.9	-0.5	248	0.00
	Andhra Pradesh	9567	0	184.7	73.8	1.0	600	0.00
	Telangana	11552	0	204.9	75.0	-1.2	516	0.00
SR	Karnataka	13100	0	229.4	88.0	0.2	1178	0.00
	Kerala	3763	0	73.3	50.3	-0.4	279	0.00
	Tamil Nadu	14499	0	301.0	175.9	-2.8	583	0.00
	Puducherry	381	0	7.5	7.8	-0.4	27	0.00
	Bihar	5265	0	86.8	77.1	-1.0	250	0.00
	DVC	3327	0	69.0	-47.5	-1.5	421	2.22
	Jharkhand	1650	0	29.1	25.1	-2.1	254	2.34
ER	Odisha	5282	0	92.6	31.8	-1.9	337	0.00
	West Bengal	6474	0	118.3	3.2	-0.7	356	0.00
	Sikkim	121	0	1.9	2.0	-0.2	21	0.00
	Arunachal Pradesh	156	0	2.6	2.5	-0.1	41	0.00
	Assam	1485	0	24.6	18.5	-0.1	108	0.00
	Manipur	257	0	3.5	3.6	-0.1	18	0.00
NER	Meghalaya	394	0	7.3	6.0	0.0	43	0.00
	Mizoram	138	0	1.9	1.7	-0.3	21	0.00
	Nagaland	144	0	2.5	2.1	0.3	24	0.00
	Tripura	217	0	4.0	1.9	0.0	23	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	-1.7	-11.1	-19.9
Day Peak (MW)	-263.0	-760.6	-860.0

	Duutan	Nepai	Dangiadesn
Actual (MU)	-1.7	-11.1	-19.9
Day Peak (MW)	-263.0	-760.6	-860.0

E. Import/Export by Regions (in MO) - Import(+ve)/Export(-ve); OD	(+)/(D (-)					
	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	177.6	-113.4	100.8	-169.3	4.4	0.0
Actual(MU)	157.8	-99.8	110.5	-175.0	3.6	-2.8
O/D/U/D(MU)	-19.7	13.6	9.8	-5.7	-0.8	-2.8

F. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5563	16458	6272	446	639	29377	44
State Sector	7645	17026	9418	3170	11	37270	56
Total	13208	33483	15690	3616	650	66647	100

	NR	WR	SR	ER	NER	All India	% Share
Coal	636	1163	534	581	9	2924	76
Lignite	27	14	40	0	0	82	2
Hydro	95	39	88	24	9	255	7
Nuclear	29	21	70	0	0	120	3
Gas, Naptha & Diesel	15	11	8	0	29	62	2
RES (Wind, Solar, Biomass & Others)	107	115	165	5	0	393	10
Total	909	1364	906	610	47	3836	100

Share of RES in total generation (%)	11.76	8.46	18.23	0.79	0.72	10.23
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	25.39	12.87	35.65	4.74	20.30	20.01
H. All India Damand Divarcity Factor						

H. All India Demand Diversity Factor

Based on Regional Max Demands

Based on State Max Demands

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 28-Jan-2022

	SI							Date of Reporting:	28-Jan-2022
The The		oltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)		
The Control of the	No							1	
2 DIVICE PROMISED				2	0	0	0.0	0.0	0.0
1		HVDC	PUSAULI B/B		3	0	0.0		0.0
1				2					
				 				9.5	
1		400 kV		i	ĭ				
0		400 kV	PUSAULI -ALLAHABAD	1					
19				2					
11				4					
13				2					
13 29 AV SAUTPURE ALAMANSAN				2					
15 PAIN			SAHUPURI-KARAMNASA*	1		186	0.0		-1.8
15 1534 SAMMANASAHTPUB 1				1					
17 13 13 13 14 15 16 16 16 16 16 16 16		132 kV	KARMANASA-SAHIPURI	1					
TRANS 0.5 88.4 88.2				i		0			
1						ER-NR		88.5	
2								0.1	
1									
# 190									
BOOK BANCHESPAT 2 82 266 0.0 0.9 0.9 0.9									
1									
Total	5	400 kV	RANCHI-SIPAT	2	82	266	0.0		-0.9
Impurity Impurity	6	220 kV	BUDHIPADAR-RAIGARH	1	0	173	0.0	2.5	-2.5
INDITITION OF COLUMN 1	7	220 kV	BUDHIPADAR-KORBA	2	85	11	0.9	0.0	0.9
1			and any					30.2	
1 TOPO		Export of ER (V	Vith SR)		_	4.4-		100	
3 755 N		HVDC	JE I FUKE-GAZUWAKA B/B TAI CHER-KOLAR RIPOLE	2					
1				2					
S 204V BALDERA-APPERSILERE 1 2 0 0.0 0									
Import I				1		0	0.0	0.0	0.0
1 00 AV BINAGIREBONGAIGANN 2 231 24 2.5 5.1 2.4 2.5 5.5 2.5						ER-SR	0.0	106.2	
2 4904Y AIJPERDIAR-BONCAIGGAN 2 357 0 4.8 0.0 0.5					121	24	2.5	0.1	2.4
1				2					
ImportPerport of NER (With NR)			ALIPURDUAR-SALAKATI	2		0			
HYDE				_					
Import/Export of WR (With No. 1.17 1.00 1.17 1.7 1.00 1.17 1.17 1.00 1.17									
	1	HVDC	BISWANATH CHARIALI-AGRA	2	492				
1 HVDC CHAMPA-KURUSHETRA 2 0 2017 0.0 27.9 2.77.9	Import/E	Export of WR (With NR)			NEK-NK	11.7	0.0	11./
A HYDE		HVDC	CHAMPA-KURUKSHETRA	2	0	2017	0.0	27.9	-27.9
HUPC				-					
4 76 15 15 15 15 15 15 15 1	3	HVDC	MUNDRA-MOHINDERGARH	2	0	255	0.0	6.2	-6.2
PAGE JARA PURCHAN 2		765 kV	GWALIOR-AGRA	2		2167	0.0	24.7	-24.7
76 FW GWALIOR-ORAI				2					
8 76 \$ \$ \$ \$ \$ \$ \$ \$ \$				2					
9						. 0	15.8	0.0	15.8
10	- 8				Δ			18.3	
11 409 kV ZERDA-KRANKROLI	9	765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	1 2	0 1736	1063	0.0		-18.3
12 440 & V ZERDA - BHINNAL 1 4404 150 4.5 0.0 4.5	9	765 kV	BANASKANTHA-CHITORGARH	1 2 2	1736	1063 0	0.0 27.0	0.0 29.6	-18.3 27.0
14	9 10 11	765 kV 765 kV 400 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI		1736 0 296	1063 0 2237 0	0.0 27.0 0.0 4.9	0.0 29.6 0.0	-18.3 27.0 -29.6 4.9
S 20 N BHANPURARANPUR	9 10 11 12	765 kV 765 kV 400 kV 400 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL		1736 0 296 404	1063 0 2237 0 150	0.0 27.0 0.0 4.9 4.5	0.0 29.6 0.0 0.0	-18.3 27.0 -29.6 4.9 4.5
16 220 kV BHANYURA-MORAK	9 10 11 12 13	765 kV 765 kV 400 kV 400 kV 400 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA - BHINMAL VINDHYACHAL -RIHAND		1736 0 296 404 486	1063 0 2237 0 150	0.0 27.0 0.0 4.9 4.5 10.3	0.0 29.6 0.0 0.0 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3
17 220 kV MIANSPIRATRAINYA	9 10 11 12 13 14	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPÜR		1736 0 296 404 486 389	1063 0 2237 0 150 0 445	0.0 27.0 0.0 4.9 4.5 10.3 2.4	0.0 29.6 0.0 0.0 0.0 2.2	-18.3 27.0 -29.6 4.9 4.5 10.3 0.3
8 220 kV MALANPIRA-GRANYA	9 10 11 12 13 14 15	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR		1736 0 296 404 486 389 0	1063 0 2237 0 150 0 445	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.3 0.0
19	9 10 11 12 13 14 15 16	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK		1736 0 296 404 486 389 0	1063 0 2237 0 150 0 445 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.9	-18.3 27.0 -29.6 4.9 4.5 10.3 0.3 0.0 -0.9
Import/Export of WR (With SR) 162.5 82.5	9 10 11 12 13 14 15 16 17	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA		1736 0 296 404 486 389 0 0	1063 0 2237 0 150 0 445 0 30	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.9 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.3 0.0 -0.9
Impuritysport of WR (With SR)	9 10 11 12 13 14 15 16 17 18	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 230 kV 230 kV 240 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA BHNIMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPUR-RANPUR BHANPUR-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR	1 1 1 2 1 1 1	1736 0 296 404 486 389 0 0 132 90	1063 0 2237 0 150 0 445 0 30 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.9 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.3 0.0 -0.9 1.1 1.9 0.0
HVDC	9 10 11 12 13 14 15 16 17 18	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 230 kV 230 kV 240 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA BHNIMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPUR-RANPUR BHANPUR-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR GWALIOR-SAWAI MADHOPUR	1 1 1 2 1 1 1	1736 0 296 404 486 389 0 0 132 90	1063 0 2237 0 150 0 445 0 30 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.9 0.0 0.0 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.0 -0.9 1.1 1.9 0.0
2	9 10 11 12 13 14 15 16 17 18 19 20	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA BHNIMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 2 1 1 1	1736 0 296 404 486 389 0 0 132 90	1063 0 2237 0 150 0 445 0 30 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.9 0.0 0.0 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.0 -0.9 1.1 1.9 0.0
3	9 10 11 12 13 14 15 16 17 18 19 20	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1 2 1 1 1	1736 0 0 296 404 486 389 0 0 132 90	1063 0 0 2237 0 150 0 445 0 30 0 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0	0.0 29.6 0.0 0.0 0.0 2.2 0.0 0.0 0.0 0.0 0.0 0.0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.0 -0.9 1.1 1.9 0.0 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 -2.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
1	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHNMAI. VINDHYACHAL-RHHAND RAPP-SHILIALPUR BHANPURA-RANPUR BHANPURA-WORKAK MEHGAON-AURANYA MALANPUR-AURANYA MALANPUR-AURANYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR) BHANRAWATI B/B	1 1 1 1 2 1 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2 2	1736 0 296 404 486 389 0 0 132 90 0	1063 0 0 2237 0 150 0 4445 0 0 0 0 0 0 WR-NR	0.0 27.0 0.0 4.2 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 80.0	0.0 29.6 0.0 0.0 0.0 0.0 2.2 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-18,3 27,0 -29,6 4,9 4,5 10,3 0,0 0,0 -0,9 1,1 1,9 0,0 0,0 0,0 -82,5 7,3
Color Colo	9 10 11 12 13 14 15 16 17 18 19 20 Import/E:	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 152 kV 153 kV 154 kV 155 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHLIAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURATYA MALANPUR-AURATYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SHANPUR-BHANPUR BHANPUR-BHANPUR-BHANPUR BHANPUR-BHANPUR-BHANPUR WISH SR) BHANRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 0	1063 0 0 2237 0 150 0 445 0 30 0 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 27.0 -29.6 4.9 4.5 10.3 0.0 0.0 -0.9 1.1 1.9 0.0 0.0 -82.5 -7.3 -18.4 -13.6
7 220 KV PONDA-AMBEWADI 1 0 0 0 0 0 0 0 0 0	9 10 11 12 13 14 15 16 17 18 19 20 Import/E:	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 152 kV 152 kV 155 kV 765 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBADD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 0	1063 0 0 10 150 0 1445 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.0 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -0.0 -0.0 -2.5 -2.5 -3.3 -18.4 -13.6 -38.9
NET STATE STATE	9 10 11 12 13 14 15 16 17 18 19 20 1 1 2 2 3 4 4 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR ('HVDC' HVDC' TVD	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHILJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISHS BHADRURA-BANTAGHARIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISHSRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 227 0 595 0 1090	1063 0 0 1237 0 150 0 1445 0 0 0 0 0 WR-NR 0 2504 20440	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.0 80.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -38.9 -38.9
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchange	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 2 3 4 5 5 6	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 152 kV 152 kV 153 kV 154 kV 155 kV 165 kV 165 kV 165 kV 165 kV 165 kV 176 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHNMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 227 0 0 525 0 1090 0	1063 0 0 1237 0 150 0 445 0 0 0 0 0 WR-NR 0 2504 2040 2898 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.0 0.5	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -2.5 -2.5 -18.4 -13.6 -38.9 -16.2 -0.0
State Region	9	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (* HVDC HVDC 765 kV 765 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KHINMAL VINDHYACHAL-RHHAND RAPP-SHILJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MEHGAON-AURAIYA MALANPURA-MARAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 227 0 0 525 0 1090 0	1063 0 0 1237 0 150 0 150 0 445 0 0 0 0 WR-NR 0 2504 2040 2898 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 7.3 0.0 0.0 80.0 0.0 0.0 0.0 0.0 0.	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -6.2 -0.0 -0.0
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exchang (MIT)	9	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (* HVDC HVDC 765 kV 765 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHILJALPIR BHANPIRA-MORAK MEHGAON-AURAHYA MALANPURA-BHANDAWA MALANPURA-BHANDAWA MALANPURA-BHANDAWA MEHGAON-AURAHYA MALANPURA-BHANDAWA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 0 132 90 0 0 1 132 1090 0 1	1063 0 0 1237 0 150 0 445 0 0 0 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.0 16.2 0.0 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.0 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -0.0
BR	9	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV Export of WR (* HVDC HVDC 765 kV 765 kV 220 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHILJALPIR BHANPIRA-MORAK MEHGAON-AURAHYA MALANPURA-BHANDAWA MALANPURA-BHANDAWA MALANPURA-BHANDAWA MEHGAON-AURAHYA MALANPURA-BHANDAWA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 0 132 90 0 0 1 132 1090 0 1	1063 0 0 1237 0 150 0 445 0 0 0 0 0 WR-NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.0 16.2 0.0 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
ER	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-LERHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SHANPUR-RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 0 132 90 0 0 132 90 0 0 1297 0 1090 0 1 1 CHANGES	1063 0 0 1237 150 0 1445 0 445 0 0 0 WR-NR 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.5 0.0 1.6.2 0.0 1.0 2.4.9	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve)/Export(-ve)
BHUTAN ER MALBASE BINAGURI 2.4 (4 4000 W MALBASE BINAGURI 6.0 MALBASE BINAGURI 6.0 MALBASE BINAGURI 6.0 MALBASE 6.0 MALBASE BINAGURI 6.0 MALBASE 6.0	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-LERHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SHANPUR-RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1	1736 0 296 404 486 389 0 132 90 0 132 90 0 139 0 131 132 132 133 134 135 135 135 135 135 135 135 135 135 135	1063 0 0 1237 150 0 1445 0 445 0 0 0 WR-NR 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.5 0.0 1.6.2 0.0 1.0 2.4.9	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve)/Export(-ve)
BHUTAN ER MALBASE - BINAGURI 6 6 0 0 0 0 0 0 0 0	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BINIMAL VINDHYACHAL-RIHAND RAPP-SIRUJALPUR BHANPURA-RIHAND BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	1	1736 0 296 404 486 389 0 132 90 132 90 0 0 1 39 0 0 0 0 0 0 CHANGES Name U-ALIPURDUAR	1063 0 0 1237 0 150 0 445 0 0 0 445 0 0 0 WR-NR 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 0 0 WR-NR 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.5 0.0 1.6.2 0.0 1.0 2.4.9	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve)/Export(-ve)
RECEIPT (from TALA HEP (6-170MW)	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BINIMAL VINDHYACHAL-RIHAND RAPP-SIRUJALPUR BHANPURA-RIHAND BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region		1736 0 296 404 486 389 0 132 90 0 132 90 0 139 0 131 132 132 133 134 135 135 135 135 135 135 135 135 135 135	1063 0 0 1237 0 150 0 445 0 0 0 445 0 0 0 WR-NR 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 0 0 WR-NR 0 0 WR-NR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.5 0.0 1.6.2 0.0 1.0 2.4.9	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve)/Export(-ve)
BHUTAN ER MALBASE BIRPARA 182 (82 200V MALBASE MER 132kV MAHENDRANAGAR 12	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-HINMAL VINDHYACHAL-RHHAND RAPP-SHILALPIR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER		1736 0 0 296 404 486 389 0 132 90 132 90 0 297 0 0 1090 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW)* RIL 1,2 4(4 400W)*	1063 0 0 2237 0 150 0 445 445 0 0 0 0 0 0 WR-NR 0 2504 2040 2040 2898 0 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 80.0 7.3 7.3 0.0 0.0 1.6 1.6 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -1.1 -1.9 -0.0 -0.0 -1.1 -1.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
BHUTAN ER MALBASE - BIRPARA 0 0 0 0 0 0 0 0 0	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHILALPIR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MARIAHPURA-RANPUR WITH SHANPURA-RANPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER		1736 0 296 404 486 389 0 0 132 90 132 90 0 0 0 1090 0 1090 0 1000 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$180MW) IRI 1,24 (& 4000kV)	1063 0 0 2237 0 150 0 445 445 0 0 0 0 0 0 WR-NR 0 2504 2040 2040 2898 0 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 80.0 7.3 7.3 0.0 0.0 1.6 1.6 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -1.1 -1.9 -0.0 -0.0 -1.1 -1.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
NER	9 10 11 12 13 14 15 16 17 18 19 20 Import/E 1 2 3 4 4 5 5 6 7 7 8	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHILALPIR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MARIAHPURA-RANPUR WITH SHANPURA-RANPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI IN Region ER		1736 0 0 296 404 486 389 0 0 132 90 0 132 90 0 132 90 1 0 1 127 0 1090 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) 181 1,24 (4 400kV RI) i.e. BINAGURI	1063 0 0 2237 0 150 0 445 445 0 0 0 0 0 0 WR-NR 0 2504 2040 2040 2898 0 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 80.0 7.3 7.3 0.0 0.0 1.6 1.6 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -1.1 -1.9 -0.0 -0.0 -1.1 -1.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.8.4 -1.3.6 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
NER 132kV GELEPHU-SALAKATI -14 -2 -7 -0.2	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 145 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-URANYA MALANPURA-URANYA MALANPURA-URANYA WISH BHADRA-WATI B/B BHADRA-WATI B/B BHADRA-WATI B/B RAIGARH-PUGALUR WARDHA-NUZAMABAD KOLAPUR-RAICHUR WARDHA-NUZAMABAD KOLHAPUR-CHIKODI PONDA-AMREWADI XELDEM-AMREWADI IN Region ER		1736 0 296 404 486 389 0 0 132 96 132 96 0 0 132 97 0 132 0 132 132 132 132 132 132 132 132 132 132	1063 0 0 1237 0 150 0 445 0 0 0 445 0 0 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 137	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve/Export(-ve)
NER 132kV MOTANGA-RANGIA 12	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 145 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-URANYA MALANPURA-URANYA MALANPURA-URANYA WISH BHADRA-WATI B/B BHADRA-WATI B/B BHADRA-WATI B/B RAIGARH-PUGALUR WARDHA-NUZAMABAD KOLAPUR-RAICHUR WARDHA-NUZAMABAD KOLHAPUR-CHIKODI PONDA-AMREWADI XELDEM-AMREWADI IN Region ER		1736 0 0 296 404 486 389 0 0 132 90 0 132 90 0 132 90 0 152 90 0 10 10 10 10 10 11 10 10 11 10 11 11	1063 0 0 1237 0 150 0 445 0 0 0 445 0 0 0 0 WR-NR 0 0 0 WR-NR 0 0 0 WR-NR 137	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 1.1 1.9 0.0 80.0 7.3 0.0 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -38.9 -16.2 -0.0 -0.0 -1.0 -46.4 -+ve/Export(-ve)
NR	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 144 kV 145 kV 145 kV 145 kV 146 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHLIALPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EX- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 132 90 0 132 90 0 0 132 90 1 0 1 CHANGES Name U-ALIPURDLAR AR RECEIPT (from THOUSY, WOONY RI) is. BINACURI LIPURDLAR RID IS. BINACURI RID I	1063 0 0 1237 0 150 0 145 0 0 0 0 0 0 0 0 0 0 0 0 0 WR-NR 0 0 2504 2040 2040 2059 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 80.0 1.6 1.1 1.1 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -52.5 -7.3 -18.4 -13.6 -13.6 -18.4 -14.6 -46.4 -4ve)/Export(-ve) Energy Exchange (MII) -0.7 -0.0 -0.0 -0.0 -0.0
NR	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 144 kV 145 kV 145 kV 145 kV 146 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHLIALPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EX- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 132 90 0 132 90 0 0 132 90 1 0 1 CHANGES Name U-ALIPURDLAR AR RECEIPT (from THOUSY, WOONY RI) is. BINACURI LIPURDLAR RID IS. BINACURI RID I	1063 0 0 1237 0 150 0 145 0 0 0 0 0 0 0 0 0 0 0 0 0 WR-NR 0 0 2504 2040 2040 2059 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 80.0 1.6 1.1 1.1 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -52.5 -7.3 -18.4 -13.6 -13.6 -18.4 -14.6 -46.4 -4ve)/Export(-ve) Energy Exchange (MII) -0.7 -0.0 -0.0 -0.0 -0.0
NR	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 144 kV 145 kV 145 kV 145 kV 146 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHNMAL VINDHYACHAL-RHHAND RAPP-SHLIALPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA MALANPUR-AURAHVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	TERNATIONAL EX- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 389 0 132 90 0 132 90 0 0 132 90 1 0 1 CHANGES Name U-ALIPURDLAR AR RECEIPT (from THOUSY, WOONY RI) is. BINACURI LIPURDLAR RID IS. BINACURI RID I	1063 0 0 1237 0 150 0 145 0 0 0 0 0 0 0 0 0 0 0 0 0 WR-NR 0 0 2504 2040 2040 2059 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 80.0 1.6 1.1 1.1 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -52.5 -7.3 -18.4 -13.6 -13.6 -18.4 -14.6 -46.4 -4ve)/Export(-ve) Energy Exchange (MII) -0.7 -0.0 -0.0 -0.0 -0.0
NR	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 144 kV 145 kV 145 kV 145 kV 146 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-BHANPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-WIRAN GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SIND BHANPURA-RICHUR SOLAPUR-RAGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU MANGDECHH 1,283 ie. ALIPURDU MANGDECHH 1,283 ie. ALIPURDU MANGDECHH 1,283 ie. ALIPURDU MANGDECHH 1,284 ie. ALIPURDU MANGDECHH 1,285 ie. ALIPURDU MAN	1736 0 296 404 486 389 0 1 132 90 132 90 0 0 132 90 0 10 0 10 10 10 10 10 10 10 10 10 10 1	1063 0 0 150 150 0 445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.1 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.0 1.6 2 0.0 1.0 24.9 Min (MW)	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -0.1 -18.4 -13.6 -38.9 -16.2 -0.0 -1.0 -46.4 -ve)/Export(-ve)
NEPAL ER NEPAL IMPORT (FROM BIHAR) -322 0 -145 -3.5 ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -359 -1 -245 -5.9 ER BHERAMARA B/B HVDC (BANGLADESH) -749 -703 -736 -17.7 BANGLADESH NER 132kV COMILLA-SURAJMANI NAGAR -111 0 -93 -2.2	9 10 11 12 13 14 15 16 17 18 19 20 Import/E. 1 2 3 4 5 5 6 7 8 5 5	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 142 kV 143 kV 144 kV 144 kV 145 kV 145 kV 145 kV 146 kV 14	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-BHANPUR BHANPURA-MORAK MEHGAON-AURANYA MALANPURA-WIRAN GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SIND BHANPURA-RICHUR SOLAPUR-RAGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER		1736 0 0 296 404 486 486 389 0 0 132 90 132 90 0 0 0 0 0 109 0 0 109 109 0 109	1063 0 0 150 150 0 445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.1 1.1 1.9 0.0 80.0 7.3 0.0 0.5 0.0 1.6 2 0.0 1.0 24.9 Min (MW)	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -0.1 -18.4 -13.6 -38.9 -16.2 -0.0 -1.0 -46.4 -ve)/Export(-ve)
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BANGLADESH NER 132kV COMILLA-SURAJMANI NAGAR -111 0 -93 -2.2	9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 134 kV 135 kV 135 kV 136 kV 137 kV 138 kV 13	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BINIMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH BHANDRA-WATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGAHAPUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI FONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER	TERNATIONAL EX 2 2 1 1 1 2 2 1 1 1 2 2 2	1736 0 0 10 296 404 486 486 389 0 1 132 90 1 0 1 297 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1063 0 0 1237 0 150 0 150 0 0 445 0 0 0 0 0 0 0 0 WR-NR 0 0 2504 2040 2040 2898 0 0 0 72 WR-SR	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 80.0 1.1 1.9 0.0 80.0 1.1 1.9 0.0 80.0 1.0 1.0 24.9 Min (MW) 0 0 0 1 0 0 0 0 0 0 0 0 0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -1.9 -1.1 -1.1 -1.0 -0.0 -82.5 -18.4 -13.6 -13.6 -1.3.6
BANGLADESH NER 182 -111 0 -95 -2.2	9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 134 kV 135 kV 135 kV 136 kV 137 kV 138 kV 13	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SHANPUR-ARAHYA BHANPUR-ARAHYA WISH SHANDHARHANA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	TERNATIONAL EXCEPT TO THE MANAGE CHILD HE AND A CONTROL TO THE ADDRESS OF THE ADD	1736 0 0 296 404 486 389 0 0 132 90 132 90 0 132 90 0 132 90 10 10 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 11 CHANGES Name 11 CHANGES Name 12 CHANGES Name 14 CHANGES Name 15 CHANGES NAME 16	1063 0 0 2237 0 150 0 0 445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.5 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
BANGLADESH NER 182 -111 0 -95 -2.2	9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 134 kV 135 kV 135 kV 136 kV 137 kV 138 kV 13	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SHANPUR-ARAHYA BHANPUR-ARAHYA WISH SHANDHARHANA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	TERNATIONAL EXCEPT TO THE MANAGE CHILD HE AND A CONTROL TO THE ADDRESS OF THE ADD	1736 0 0 296 404 486 389 0 0 132 90 132 90 0 132 90 0 132 90 10 10 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 10 11 CHANGES Name 11 CHANGES Name 11 CHANGES Name 12 CHANGES Name 14 CHANGES Name 15 CHANGES NAME 16	1063 0 0 2237 0 150 0 0 445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.5 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
182	9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19	765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 132 kV 134 kV 135 kV 135 kV 136 kV 137 kV 138 kV 13	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SHANPUR-ARAHYA BHANPUR-ARAHYA WISH SHANDHARHANA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1	1736 0 296 404 486 486 389 0 0 132 90 132 90 0 132 90 0 132 90 0 109 0 109 10 10 11 10 10 10 10 10 10 10 10 10 10	1063 0 0 2237 0 150 0 0 445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.5 0.0 0.0 0.5 0.0 0.0	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -0.0 -0.0 -0.0 -1.1 -1.8.4 -1.8.4 -1.3.6 -38.9 -1.6.2 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
*220kV Pusauli- Sahupuri line LILOed at 220kV Karamnasa (Bihar) at 17:50 hrs of 24.01.2022.	9 9 10 11 12 13 14 15 14 15 16 17 17 17 18 17 18 17 18 18	765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV HVDC HVDC HVDC HVDC 400 kV 400	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-SHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA WISH BHANDRA-WATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KURGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER ER ER ER ER ER	TERNATIONAL EX	1736 0 296 404 486 486 389 0 0 132 90 132 90 0 132 90 0 132 90 0 109 0 109 10 10 11 10 10 10 10 10 10 10 10 10 10	1063 0 0 10 150 0 150 0 0 1445 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 27.0 0.0 4.9 4.5 10.3 2.4 0.0 0.0 1.1 1.9 0.0 80.0 80.0 80.0 1.6 2 1.0 24.9 Min (MW)	0.0 29.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-18.3 -27.0 -29.6 -4.9 -4.5 -10.3 -0.3 -0.0 -0.9 -1.1 -1.9 -0.0 -82.5 -7.3 -18.4 -13.6 -13.6 -13.6 -14.0 -46.4 -4ve)/Export(-ve)

^{*220}kV Pusauli- Sahupuri line LILOed at 220kV Karamnasa (Bihar) at 17:50 hrs of 24.01.2022