

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: 9th Nov 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 08.11.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-नवंबर-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 8th November 2021, is available at the NLDC website.

धन्यवाद,

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



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

Date of Reporting: 09-Nov-2021

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	43359	49277	37595	19204	2527	151962
Peak Shortage (MW)	880	0	0	171	0	1051
Energy Met (MU)	883	1138	807	389	44	3261
Hydro Gen (MU)	139	36	149	70	16	410
Wind Gen (MU)	2	78	19	-	-	99
Solar Gen (MU)*	56.30	39.97	65.50	4.70	0.32	167
Energy Shortage (MU)	11.19	0.00	0.00	2.56	0.12	13.87
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	44341	53358	38740	19405	2570	155121
Time Of Maximum Demand Met (From NLDC SCADA)	18:38	11:43	18:33	18:59	17:54	18:33

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	0.100	0.80	6.87	14.77	22.44	65.57	11.99

ower Sun	oply Position in States	0.00	0.07	14.77	22.44	05.57		
Ower Sup	pry 1 osition in States	Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the	maximum	O TTD	Schedule	0.00	O 1777)	Shorta
		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(MW)	(MU
	Punjab	5640	400	110.5	55.6	-1.0	190	2.30
	Harvana	5763	0	111.3	89.5	0.3	176	0.30
	Rajasthan	12846	233	230.7	79.5	1.3	247	3.08
	Delhi	3261	0	60.0	49.1	-1.3	119	0.00
NR	UP	14605	0	256.8	92.5	-0.3	563	1.3
	Uttarakhand	1701	0	32.1	19.4	0.8	124	0.7
	HP	1644	0	30.3	16.9	-0.6	214	0.0
	J&K(UT) & Ladakh(UT)	2519	200	48.6	45.2	-2.6	145	3.4
	Chandigarh	167	0	3.0	3.7	-0.7	17	0.0
	Chhattisgarh	3483	0	73.2	30.3	-1.5	214	0.0
	Gujarat	13640	0	292.6	187.2	3.2	929	0.0
	MP	11731	0	242.5	166.9	-0.1	637	0.0
WR	Maharashtra	22961	0	474.5	135.8	-5.1	622	0.0
	Goa	618	0	12.1	12.2	-1.2	93	0.0
	DD	317	0	6.9	6.6	0.3	44	0.0
	DNH	817	0	18.5	18.0	0.5	114	0.0
	AMNSIL	824	Ö	17.3	9.2	-0.5	298	0.0
	Andhra Pradesh	7554	0	162.9	63.2	-0.8	509	0.0
	Telangana	7870	0	159.4	34.9	-1.0	353	0.0
SR	Karnataka	8926	0	172.4	43.9	-3.0	477	0.0
	Kerala	3479	0	71.5	32.5	-1.1	171	0.0
	Tamil Nadu	11898	0	234.6	153.5	-0.9	1399	0.0
	Puducherry	333	0	6.6	7.2	-0.6	46	0.0
	Bihar	4357	0	78.5	66,9	0.7	239	0.0
	DVC	3221	0	65.4	-41.6	-1.0	328	1.3
	Jharkhand	1435	0	26.2	22.1	-2.0	135	1.2
ER	Odisha	5201	0	101.1	46.7	-0.6	303	0.0
	West Bengal	6430	0	116.2	-1.3	-0.9	312	0.0
	Sikkim	97	0	1.5	1.4	0.0	35	0.0
	Arunachal Pradesh	112	0	2.2	2.2	-0.1	52	0.0
	Assam	1495	0	24.9	18.0	-0.1	79	0.0
	Manipur	195	18	2.4	2.5	-0.1	45	0.1
NER	Meghalaya	387	0	6.4	4.5	-0.1	31	0.0
	Mizoram	111	Ö	1.7	1.3	-0.1	5	0.0
	Nagaland	138	0	2.2	2.0	0.0	20	0.0
	Tripura	236	0	4.0	2.1	-0.3	20	0.00

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

The state of the s	Bhutan	Nepal	Bangladesh
Actual (MU)	21.4	1.5	-18.8
Day Peak (MW)	996.0	84.0	-842.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.3	-60.1	52.7	-176.0	-4.9	0.0
Actual(MU)	190.3	-55.4	48.8	-179.9	-7.8	-3.9
O/D/U/D(MU)	2.0	4.8	-3.9	-3.9	-2.9	-3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	8313	20095	10512	2580	559	42058	44
State Sector	15951	22409	10983	4853	11	54206	56
Total	24264	42504	21495	7433	570	96264	100

G. Sourcewise generation (MU)

Gradulte wise generation (170)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	439	997	413	537	10	2395	71
Lignite	24	- 11	25	0	0	61	2
Hydro	139	36	149	70	16	410	12
Nuclear	27	33	69	0	0	129	4
Gas, Naptha & Diesel	17	13	7	0	30	66	2
RES (Wind, Solar, Biomass & Others)	69	118	111	5	0	304	9
Total	715	1208	775	611	56	3364	100
							i
Share of RES in total generation (%)	9.64	9.80	14.35	0.78	0.57	9.02	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	32.88	15.49	42.52	12.20	28.94	25.04	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.021
Based on State Max Demands	1.070

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: 09-Nov-2021

							Date of Reporting:	09-Nov-2021
SI	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
100	t/Export of ER (With NR)					!	
1	HVDC	ALIPURDUAR-AGRA	2	0	502	0.0	12.3	-12.3
3		PUSAULI B/B GAYA-VARANASI	2	0	249 796	0.0	6.2 9.3	-6.2 -9.3
4		SASARAM-FATEHPUR	1	0	617	0.0	9.8	-9.8
5	765 kV	GAYA-BALIA	1	0	543	0.0	9.7	-9.7
7		PUSAULI-VARANASI	1	0	180	0.0	3.4	-3.4
8		PUSAULI -ALLAHABAD MUZAFFARPUR-GORAKHPUR	1	0	153 988	0.0	15.1	-2.6 -15.1
9		PATNA-BALIA	4	Ŏ	710	0.0	11.2	-11.2
10	400 kV	BIHARSHARIFF-BALIA	2	0	588	0.0	8.7	-8.7
11		MOTIHARI-GORAKHPUR	2	0	529	0.0	7.9 4.1	-7.9
12		BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	1	0 12	362 82	0.0	0.9	-4.1 -0.9
14		SONE NAGAR-RIHAND	î	ő	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	1	25	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0 0.4	101.2	0.0 -100.8
Import	t/Export of ER (With WR)						
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	319	778	0.0	7.1	-7.1
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	128	1010	0.0	9.0	-9.0
3	765 kV	JHARSUGUDA-DURG	2	0	599	0.0	9.1	-9.1
4	400 kV	JHARSUGUDA-RAIGARH	4	0	391	0.0	5.2	-5.2
5	400 kV	RANCHI-SIPAT	2	48	295	0.0	2.4	-2.4
6	220 kV	BUDHIPADAR-RAIGARH	1	12	87	0.0	1.0	-1.0
7	220 kV	BUDHIPADAR-KORBA	2	84	26	0.9	0.0	0.9
_				_	ER-WR	0.9	33.6	-32.7
Import 1	t/Export of ER (2		557	0.0	12.6	12.6
2		JEYPORE-GAZUWAKA B/B TALCHER-KOLAR BIPOLE	2	0	557 1933	0.0	43.1	-12.6 -43.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2456	0.0	37.4	-37.4
4	400 kV	TALCHER-I/C	2	271	357	1.9	0.0	1.9
5	220 kV	BALIMELA-UPPER-SILERRU	1	2	0 ER-SR	0.0	93.0	-93.0
Import	t/Export of ER (With NER)			ER-SK	0.0		-93.0
1	400 kV	BINAGURI-BONGAIGAON	2	2	260	0.0	2.6	-2.6
2	400 kV	ALIPURDUAR-BONGAIGAON	2	118	242	0.0	0.8	-0.8
3	220 kV	ALIPURDUAR-SALAKATI	. 2	0	77 ER-NER	0.0	0.7 4.1	-0.7
Import	t/Export of NER	(With NR)			ER-NEK	0.0	4.1	-4.1
1		BISWANATH CHARIALI-AGRA	2	0	503	0.0	12.1	-12.1
			•	•	NER-NR	0.0	12.1	-12.1
	t/Export of WR		2	0	2014	0.0	32.1	-32.1
2		CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	317	0	7.6	0.0	7.6
3		MUNDRA-MOHINDERGARH	2	0	Ö	0.0	0.0	0.0
4		GWALIOR-AGRA	2	0	2052	0.0	34.6	-34.6
5		GWALIOR-PHAGI	2	0	2405	0.0	40.4	-40.4
7		JABALPUR-ORAI GWALIOR-ORAI	2	0 1358	578 0	0.0 25.8	17.6 0.0	-17.6 25.8
			i	0				
8	765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	1 2		765 0	0.0 23.3	16.6 0.0	-16.6 23.3
8 9 10	765 kV 765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI	1 2 2	0 1330 0	765 0 1894	0.0 23.3 0.0	16.6 0.0 34.8	-16.6 23.3 -34.8
8 9 10 11	765 kV 765 kV 765 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI		0 1330 0 327	765 0 1894 0	0.0 23.3 0.0 5.5	16.6 0.0 34.8 0.0	-16.6 23.3 -34.8 5.5
8 9 10 11 12	765 kV 765 kV 765 kV 400 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL		0 1330 0 327 344	765 0 1894 0 64	0.0 23.3 0.0 5.5 5.2	16.6 0.0 34.8 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2
8 9 10 11 12 13 14	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI	2 1 1	0 1330 0 327 344 974 63	765 0 1894 0	0.0 23.3 0.0 5.5 5.2 22.4 0.0	16.6 0.0 34.8 0.0 0.0 0.0 4.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0
8 9 10 11 12 13 14 15	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1	0 1330 0 327 344 974 63 93	765 0 1894 0 64 0 503 68	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7	16.6 0.0 34.8 0.0 0.0 0.0 4.0 0.2	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6
8 9 10 11 12 13 14 15 16	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1	0 1330 0 327 344 974 63 93 0	765 0 1894 0 64 0 503 68 30	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5	16.6 0.0 34.8 0.0 0.0 0.0 4.0 0.2 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5
8 9 10 11 12 13 14 15 16 17	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1	0 1330 0 327 344 974 63 93 0	765 0 1894 0 64 0 503 68	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5	16.6 0.0 34.8 0.0 0.0 0.0 4.0 0.2	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6
8 9 10 11 12 13 14 15 16	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 230 kV 230 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1	0 1330 0 327 344 974 63 93 0 122 90	765 0 1894 0 64 0 503 68 30	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0	16.6 0.0 34.8 0.0 0.0 0.0 4.0 0.2 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0
8 9 10 11 12 13 14 15 16 17 18	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-BURAIYA	2 1 1	0 1330 0 327 344 974 63 93 0 122	765 0 1894 0 64 0 503 68 30 0	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 0.0 1.5 0.0	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0
8 9 10 11 12 13 14 15 16 17 18 19 20	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 230 kV 240 kV 240 kV 250 kV 250 kV 250 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	2 1 1	0 1330 0 327 344 974 63 93 0 122 90	765 0 1894 0 64 0 503 68 30 0	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0	16.6 0.0 34.8 0.0 0.0 0.0 4.0 0.2 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0
8 9 10 11 12 13 14 15 16 17 18 19 20	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIVA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	2 1 1	0 1330 0 327 344 974 63 93 0 122 90	765 0 1894 0 64 0 503 68 30 0	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.0 0.0 94.4	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC HVDC	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAIGHAT-LALTPUR With SR) BHADRAWATI R/B RAIGARH-PUGALUR	2 1 1	0 1330 0 327 344 974 63 93 0 122 90 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.0 94.4	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 4.0 0.0 0.0 0.0 0.0	-16.6 -33.3 -34.8 -5.5 -5.2 -24.4 -4.0 -0.6 -1.5 -1.0 -1.0 -0.0 -0.0 -85.9
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 9.7 0.0 10.2	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9 -7 -14.4 4.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC 765 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-RAPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORS-SWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.0 0.0 94.4 94.4	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 4.0 0.2 0.0 0.0 0.0 0.0 0.0 180.3	-16.6 -23.3 -24.8 -5.5 -5.2 -22.4 -4.0 -0.6 -1.5 -1.0 -0.0 -85.9 -7 -14.4 -4.0 -15.2
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 200 kV 220 kV 220 kV 220 kV 220 kV 132 kV 140 kV 140 kV 15 kV 16 kV 17 kV 18 kV 18 kV 19	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIth SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 9.7 0.0 10.2	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9 -7 -14.4 4.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV WEXPORT of WR HYDC HYDC 765 kV 400 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RUYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIRLSR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 2	0 1330 0 327 344 974 63 93 0 122 90 0 0 0 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 97. 0.0 10.2 1.2 12.9 0.0	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9 9.7 -14.4 -4.0 -15.2 -12.9 0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV WEXPORT of WR HYDC HYDC 765 kV 400 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJAL PUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRIAN WATI B/B RAJGARH-PUGALUR SOLAPUR-RAJCHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 2 1 1 1 1 1 1 1 2 2 1 1 1 1 2	0 1330 0 327 344 974 63 93 0 0 122 90 0 0 395 0 0	765 0 1894 0 64 0 503 68 30 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 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 -34.8 -5.5 -5.2 -22.4 -4.0 -0.6 -1.5 -1.0 -0.0 -0.0 -85.9 -9.7 -14.4 -4.0 -15.2 -12.9 -0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV WEXPORT of WR HYDC HYDC 765 kV 400 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHANPURA-URAIYA GWALIOR-SAWAI 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 1 1 1 2 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2	0 1330 0 327 344 974 63 93 0 122 90 0 0 0 395 0 0 1468 490 943 0	765 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 97. 0.0 10.2 1.2 12.9 0.0	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 4.0 0.0 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 -85.9 9.7 -14.4 4.0 0.0 0.0 0.0 1.5 1.5 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHANPURA-URAIYA GWALIOR-SAWAI 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 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 2 1	0 1330 0 327 344 974 63 93 122 90 0 122 90 0 0 1468 490 943 0 1 1 CHANGES	765 0 1894 0 0 64 0 503 68 30 0 0 WR-NR 0 6606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 97. 0.0 10.2 1.2 12.9 0.0	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -24.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 1.5 0.0 -85.9
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV WEXPORT of WR HYDC HYDC 765 kV 400 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHANPURA-URAIYA GWALIOR-SAWAI 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 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 2 1	0 1330 0 327 344 974 63 93 0 122 90 0 0 0 395 0 0 1468 490 943 0	765 0 1894 0 64 0 503 68 30 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 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 94.4 97. 0.0 10.2 1.2 12.9 0.0	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 4.0 0.0 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 0.0 -15.2 12.9 0.0 0.0 0.1 1.1 -1.9 +ve)/Export(-ve) Energy Exchange
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIORS-SWAI MADHOPUR RAIGHAT-LALITPUR WITH SRI BHANPURA-WAYA BHANPURA-WAYA WITH SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 0 395 0 1468 490 943 0 0 1 1 CHANGES Name U-ALIPURDUAR	765 0 1894 0 0 64 0 503 68 30 0 0 WR-NR 0 6606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 0.0 94.4 9.7 0.0 10.2 12.9 0.0 0.0 0.0 1.1 35.1	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 1.5 0.0 -85.9 9.7 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve)
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATINA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIORS-SWAI MADHOPUR RAIGHAT-LALITPUR WITH SRI BHANPURA-WAYA BHANPURA-WAYA WITH SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. AIDURDU	0 1330 0 327 344 974 63 93 0 122 90 0 0 1468 490 943 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from	765 0 1894 0 0 64 0 503 68 30 0 0 WR-NR 0 6606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 0.0 94.4 9.7 0.0 10.2 12.9 0.0 0.0 0.0 1.1 35.1	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 0.0 -85.9 9.7 -14.4 4.0 -15.2 12.9 0.0 0.0 0.1 1.1 -1.9 +ve)/Export(-ve) Energy Exchange
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WALIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGion	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 277 344 974 63 93 0 122 90 0 0 395 0 0 1395 0 1468 490 943 0 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from	765 0 1894 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 606 61643 1764 0 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 0.0 -85.9 9.7 -14.4 4.0 -15.2 12.9 0.0 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B BHADRAWATI B/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WIRD SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN REGION	1	0 1330 0 327 344 974 63 93 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW)** RIL 1,2 4 (& 400KV)**	765 0 1894 0 0 64 0 503 68 30 0 0 WR-NR 0 6606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 97. 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9
8 9 10 11 12 13 14 15 16 17 18 19 20 Import 1 2 3 4 5 6 7	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WALIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGion	2	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) RI 1,24 (4 400KV RI) i.e. BINAGURI RID 14E9 (6 910MW) RI 1.E. BINAGURI RID 14E9 (6 910MW) RI 1.E. BINAGURI RID 14E9 (6 910MW)	765 0 1894 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 606 61643 1764 0 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 0.0 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 0.0 -85.9 9.7 -14.4 4.0 -15.2 12.9 0.0 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BUATA GWALJOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 2327 344 974 63 93 0 122 90 122 90 0 1395 0 1468 490 0 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from ** ** ** ** ** ** ** ** ** ** ** ** **	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643 1764 1764 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW)	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 -85.9 9.7 -14.4 4.0 -15.2 12.9 0.0 0.0 1.1 1.9 +ve)/Export(-ve) Energy Exchange (MII) 5.6
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV UExport of WR HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B BHADRAWATI B/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WIRD SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN REGION	2 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 122 90 0 122 90 0 0 128 0 129 0 1 120 1468 490 1 1468 490 1 1 CHANGES Name 1 CHANGES Name 1 STIL,24 (& 400kV RI) i.e. BINAGURI RI IEP (64/10/WV) PARA IAE (& 220kV	765 0 1894 0 0 64 0 503 68 30 0 0 WR-NR 0 6606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 97 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1	16.6 0.0 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BUATA GWALJOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 122 90 0 122 90 0 0 128 0 129 0 1 120 1468 490 1 1468 490 1 1 CHANGES Name 1 CHANGES Name 1 STIL,24 (& 400kV RI) i.e. BINAGURI RI IEP (6*170MV) PARA IAZ (& 220kV	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643 1764 1764 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW)	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 -85.9 9.7 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MU) 5.6
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BUATA GWALJOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 10 122 90 0 122 90 0 0 124 0 1468 490 1 1468 490 1 1 CHANGES Name 1 CHANGES Name 1 STIL,24 (& 400kV RI) i.e. BINAGURI RI ILEP (6*170KW) PARA IAE 2 (& 220kV	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643 1764 1764 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW)	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 0.0 -85.9 9.7 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MU) 5.6
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-BHANPUR-RAURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIRD SOLAPUR-RAICHUR WORD BHANDRA-WATI E/B RAIGAREHPUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER	2 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 2	0 1330 0 327 344 974 63 93 10 122 90 0 122 90 0 0 124 0 1468 490 1 1468 490 1 1 CHANGES Name 1 CHANGES Name 1 STIL,24 (& 400kV RI) i.e. BINAGURI RI ILEP (6*170KW) PARA IAE 2 (& 220kV	765 0 1894 0 0 64 0 0 503 68 30 0 0 WR-NR 0 0 606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 97 0.0 10.2 12.9 0.0 1.1 35.1	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -15.5 0.0 -14.4 4.0 -15.2 12.9 0.0 1.1 -1,9 +ve)/Export(-ve) Energy Exchange (MII) 5.6 2.6
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-BHANPUR-RAURAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR WIRD SOLAPUR-RAICHUR WORD BHANDRA-WATI E/B RAIGAREHPUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER	2 1 1 1 2 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1	0 1330 0 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1 126 0 0 1 127 0 0 1 1468 490 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p180MW) 181 [1,2,4 (4 400K) RI) i.e. BINAGURI RIP (6-170MW) ARA TAZ (8 220K) AIL BIRPARA KIMA HEF 4*84MW) LAKATI	765 0 1894 0 0 64 0 0 503 68 30 0 0 WR-NR 0 0 606 1643 1764 0 0 92 WR-SR	0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 97 0.0 10.2 12.9 0.0 1.1 35.1	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -15.5 0.0 -14.4 4.0 -15.2 12.9 0.0 1.1 -1,9 +ve)/Export(-ve) Energy Exchange (MII) 5.6 2.6
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WARAIYA MALANPURA-WARAIYA MALANPURA-WARAIYA MALANPURA-WARAIYA BHADRIRA-WARAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRI BHADRAWATI R/R RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1	0 1330 0 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1 126 0 0 1 127 0 0 1 1468 490 0 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p180MW) 181 [1,2,4 (4 400K) RI) i.e. BINAGURI RIP (6-170MW) ARA TAZ (8 220K) AIL BIRPARA KIMA HEF 4*84MW) LAKATI	765 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 606 1643 1764 0 0 0 92 WR-SR Max (MW) 297 563	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 1.5 0.0 -85.9 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 -1.9 -+ve)/Export(-ve) Energy Exchange (MII) 5.6 12.7
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RAPPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-ROPEN RAIGHAT-LALITPUR With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) RI 1,24 (46 400KV RI) i.e. BINAGURI ARP (6*190MW) PARA 142 (& 220KV ARP (16*10MW) PARA 142 (& 220KV ARP (16*10MW))	765 0 1894 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 606 61643 1764 0 0 0 92 WR-SR	0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 1.0 0.0 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0 97	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 -34.8 5.5 -2.2 -4.0 0.6 1.5 1.0 1.5 0.0 0.0 0.0 -85.9 9.7 -14.4 4.0 -15.2 12.9 0.0 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MU1) 5.6 12.7 2.6 0.2
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 155 kV 765 kV 765 kV 765 kV 765 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WARAIYA MALANPURA-WARAIYA MALANPURA-WARAIYA MALANPURA-WARAIYA BHADRIRA-WARAIYA WALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRI BHADRAWATI R/R RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER	2 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) RI 1,24 (46 400KV RI) i.e. BINAGURI ARP (6*190MW) PARA 142 (& 220KV ARP (16*10MW) PARA 142 (& 220KV ARP (16*10MW))	765 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 606 1643 1764 0 0 0 92 WR-SR Max (MW) 297 563	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 0.0 -85.9 9.7 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MII) 5.6 12.7
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1765 kV 187 kV 187 kV 188 kV 1	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANPUR BHADRIWAN WISH SRI BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION ER ER ER NER NER	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) RI 1,24 (k 400k) RI	765 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-NR 1764 0 0 0 0 0 1764 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0 97	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.5 5.2 -24.0 0.6 1.5 1.0 0.0 -85.9 -14.4 4.0 -15.2 -12.9 0.0 0.0 1.1 -1.9 -+ve)/Export(-ve) Energy Exchange (MII) 5.6 0.2 0.3
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8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1765 kV 187 kV 187 kV 188 kV 1	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANPUR BHADRIWAN WISH SRI BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION ER ER ER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) RI 1,24 (k 400k) RI	765 0 1894 0 64 0 503 68 30 0 0 0 WR-NR 0 0 0 0 0 WR-NR 0 0 0 0 WR-NR 1764 0 0 0 0 0 1764 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0 97	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.5 5.2 -24.0 0.6 1.5 1.0 0.0 -85.9 -14.4 4.0 -15.2 -12.9 0.0 0.0 1.1 -1.9 -+ve)/Export(-ve) Energy Exchange (MII) 5.6 0.2 0.3
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8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1765 kV 187 kV 187 kV 188 kV 1	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANDHOPUR RAIGHAT-LALITPUR WITH STEMPORT BERNAMAN BHANPURA-BANDHOPUR RAIGHAT-LALITPUR WITH SR BHADRAWATI EB RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER NER NER NER	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) RI 1,24 (& 400k V RI) i.e. BINAGURI MEP (**190MW) PARA 142 (& 220k V ARI III) i.e. BINAGURI MEP (**190MW) ARE (**190	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 0 WR-NR 0 606 1643 1764 0 0 92 WR-SR Max (MW) 297 563 105	0.0 23.3 0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 1.0 0.0 94.4 97 0.0 10.2 1.2 12.9 0.0 0.1 1.1 35.1 Min (MW) 0 97 5	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.5 5.2 -24.0 0.6 1.5 1.0 0.0 -85.9 -14.4 4.0 -15.2 -12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MII) 5.6 0.2 0.3 0.0 0.0 1.5
8 9 10 11 11 12 13 14 15 16 17 18 19 20 1 1 19 20 3 4 5 6 7 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1765 kV 187 kV 187 kV 188 kV 1	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-HINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-ROPER RAIGARI-PURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER ER ER ER ER ER	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 2	0 1330 0 2327 344 974 63 93 10 122 90 122 90 0 122 90 0 124 90 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) NRI 1,24 (& 400KV) NRI 1,24 (& 400KV) NRI 1,24 (& 40KV) AI LEPHARA & KHA HEP (**170MW) PARA 1&2 (& 220KV A) i.e. BIRPARA & KHA HEP (**170MW) LAKATI NAGIA AGAR- OM BIHAR)	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643 1764 0 0 92 WR-SR Max (MW) 297 563 105	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 1.0 0.0 0.0 0.0 1.2 1.2 1.2 1.2 0.0 0.0 1.1 35.1 Min (MW) 0 97 5	16.6 0.0 34.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.6 23.3 -34.8 5.5 -34.8 5.5 -2.2 -4.0 0.6 1.5 1.0 0.0 0.0 0.0 -85.9 9.7 -14.4 4,0 -15.2 12.9 0.0 0.0 1.1 -1.9 +ve)/Export(-ve) Energy Exchange (MII) 5.6 12.7 2.6 0.3 0.0 0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 11 11 2 3 3 4 5 6 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV HVDC HVDC HVDC HVDC S65 kV 220 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUZIALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-WARAIYA MALANPURA-WARAIYA GWALJOR-SAWALMADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATLB/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI REGION ER ER ER NER NER NER NER ER E	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 974 63 93 122 90 0 122 90 0 0 122 90 0 1 122 122 1468 490 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 606 1643 1764 0 0 92 WR-SR Max (MW) 297 563 105 12 19 0 0 84	0.0 23.3 0.0 23.3 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 1.0 0.0 94.4 9.7 0.0 10.2 1.2 12.9 0.0 0.0 1.1 35.1 Min (MW) 0 97 5 6	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.3 -34.8 5.5 5.2 22.4 -4.0 0.6 1.5 1.0 1.5 1.0 0.0 -85.9 9.7 -14.4 -4.0 -15.2 12.9 0.0 0.0 1.1 1.9 -1.9 -1.9 -1.9 -1.9 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
8 9 10 11 12 13 14 15 16 17 18 19 20 11 11 2 3 3 4 5 6 7 8	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 1765 kV 187 kV 187 kV 188 kV 1	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BANDHOPUR RAIGHAT-LALITPUR WITH STEMPORT BERNAMAN BHANPURA-BANDHOPUR RAIGHAT-LALITPUR WITH SR BHADRAWATI EB RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER NER NER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1330 0 327 344 974 63 93 0 122 90 0 122 90 0 0 1468 490 1468 490 1 1 CHANGES Name U-ALIPURDUAR AR RECEIPT (from **180MW) RI 1,24 (& 400k V RI) i.e. BINAGURI MEP (**190MW) PARA 142 (& 220k V ARI III) i.e. BINAGURI MEP (**190MW) ARE (**190	765 0 1894 0 1894 0 64 0 503 68 30 0 0 WR-NR 0 0 WR-NR 0 606 1643 1764 0 0 92 WR-SR Max (MW) 297 563 105	0.0 23.3 0.0 23.3 0.0 0.0 5.5 5.2 22.4 0.0 0.7 1.5 1.0 1.5 1.0 0.0 94.4 97 0.0 10.2 1.2 12.9 0.0 0.1 1.1 35.1 Min (MW) 0 97 5	16.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-16.6 23.3 -24.8 5.5 5.2 -22.4 -4.0 0.6 1.5 1.0 0.0 -85.9 -14.4 -4.0 -15.2 -12.9 0.0 0.1 1.1 -1.9 -+ve)/Export(-ve) Energy Exchange (MII) -5.6 -6.2 -6.3 -6.0 -6.0 -6.0 -6.0 -6.0 -6.0 -6.0 -6.0