

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, क़तुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 02nd May 2022

To,

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता 700033 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 2. कार्यकारी निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
- 3. कार्यकारी निदेशक, प क्षे भा प्रे के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई –400093 Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग 793006 Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु –560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 01.05.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-मई-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 01st May 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: 02-May-2022

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58588	56792	40261	19589	2553	177783
Peak Shortage (MW)	0	0	0	207	0	207
Energy Met (MU)	1378	1443	1066	447	44	4377
Hydro Gen (MU)	201	26	58	54	10	350
Wind Gen (MU)	37	161	116		-	314
Solar Gen (MU)*	103.62	52.95	112.66	4.39	0.66	274
Energy Shortage (MU)	23.99	11.09	0.00	3.20	0.46	38.74
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	59818	62626	49391	20475	2606	191216
Time Of Maximum Demand Met (From NLDC SCADA)	15:27	14:56	11:56	15:04	18:59	14:59

B. Frequency Profile (%)
Region
All India

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energ
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	· -/	(MU)	(-/		(MU
	Punjab	9377	0	206.6	96.4	-1.7	490	2.65
	Haryana	8870	345	182.7	116.0	-0.8	418	4.25
	Rajasthan	14406	0	292.0	80.9	-0.4	904	4.91
	Delhi	5993	0	117.7	91.3	-2.5	129	0.00
NR	UP	21804	170	451.1	193.8	0.6	648	6.85
	Uttarakhand	2019	0	42.0	27.2	-0.9	232	0.00
	HP	1445	9	30.7	11.6	-2.9	485	0.05
	J&K(UT) & Ladakh(UT)	2395	0	49.7	36.2	0.2	206	5.28
	Chandigarh	262	0	5.2	5.7	-0.5	12	0.00
	Chhattisgarh	4949	0	118.0	60.3	-0.6	501	0.74
	Gujarat	19614	0	429.3	194.1	0.0	923	0.0
	MP	12480	0	267.8	138.3	-2.9	563	10.3
WR	Maharashtra	26208	0	570.5	170.0	2.0	945	0.0
	Goa	657	0	13.8	13.1	0.2	36	0.0
	DD	334	0	5.8	6.3	-0.5	23	0.0
	DNH	856	0	18.7	18.9	-0.2	69	0.0
	AMNSIL	849	0	18.8	7.5	-0.2	329	0.0
	Andhra Pradesh	10905	0	207.1	75.3	-1.3	654	0.0
	Telangana	10166	0	209.4	80.8	-0.5	877	0.0
SR	Karnataka	11073	0	215.9	45.0	1.4	637	0.0
	Kerala	3823	0	78.8	60.7	0.9	442	0.0
	Tamil Nadu	15733	0	346.1	181.4	-1.9	980	0.0
	Puducherry	413	0	8.7	8.9	-0.3	43	0.0
	Bihar	5611	0	104.2	102.6	-3.0	445	0.80
	DVC	3443	0	68.8	-48.5	-0.4	335	0.0
	Jharkhand	1361	0	30.8	23.6	-2.3	34	0.9
ER	Odisha	5455	0	111.7	50.3	-2.7	460	1.50
	West Bengal	7395	0	130.1	22.6	-3.5	490	0.0
	Sikkim	82	Ů	1.2	1.3	-0.1	34	0.0
	Arunachal Pradesh	134	Ů	2.2	2.5	-0.4	21	0.00
	Assam	1526	0	25.8	20.2	-0.7	156	0.00
	Manipur	164	0	2.2	2.5	-0.7	24	0.00
NER	Meghalaya	305	0	4.8	2.9	-0.2	61	0.40
1121	Mizoram	102	0	1.7	1.8	-0.2	5	0.00
	Nagaland	129	0	2.1	2.0	0.0	10	0.00
	Tripura	299	0	5.3	4.0	-0.1	39	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	9.8	-3.5	-25.2
Day Peak (MW)	628.0	-221.0	-1068.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	222.0	-164.1	61.5	-118.3	-1.1	0.0
Actual(MU)	226.9	-149.4	52.2	-128.6	-3.1	-2.0
O/D/U/D(MU)	4.9	14.7	-9.4	-10.3	-2.0	-2.0

F. Generation Outage(MW)

NR	WR	SR	ER	NER	TOTAL	% Share
3439	12097	5838	2370	725	24469	50
6799	11636	4367	1660	47	24508	50
10238	23733	10205	4030	772	48978	100
	3439 6799	3439 12097 6799 11636	3439 12097 5838 6799 11636 4367	3439 12097 5838 2370 6799 11636 4367 1660	3439 12097 5838 2370 725 6799 11636 4367 1660 47	3439 12097 5838 2370 725 24469 6799 11636 4367 1660 47 24508

G. Sourcewise generation (MU)

()							
	NR	WR	SR	ER	NER	All India	% Share
Coal	721	1317	601	560	12	3210	71
Lignite	25	15	49	0	0	89	2
Hydro	201	26	58	54	10	350	8
Nuclear	25	33	46	0	0	104	2
Gas, Naptha & Diesel	36	17	15	0	29	97	2
RES (Wind, Solar, Biomass & Others)	167	215	260	4	1	647	14
Total	1174	1623	1029	618	52	4496	100
Share of RES in total generation (%)	14.19	13.22	25.30	0.72	1.26	14.38	1
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	33.47	16.86	35.43	9.42	21.32	24.47	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.019
Based on State Max Demands	1.102

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: 02-May-2022

							Date of Reporting:	02-May-2022
SI	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Impo	rt/Export of ER (1	1		
1	HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
2	HVDC	PUSAULI B/B		3	0	0.0	0.0	0.0
3	765 kV	GAYA-VARANASI	2	354	586	0.0	5.5	-5.5
5	765 kV 765 kV	SASARAM-FATEHPUR GAYA-BALIA		0	459	0.0	8.0 9.1	-8.0 -9.1
6		PUSAULI-VARANASI	+	77	581 80	0.0	0.7	-9.1
7	400 kV	PUSAULI -ALLAHABAD	ī	55	156	0.0	1.6	-1.6
8		MUZAFFARPUR-GORAKHPUR	2	0	716	0.0	9.9	-9.9
9		PATNA-BALIA	2	0	581	0.0	9.3	-9.3
10 11	400 kV 400 kV	NAUBATPUR-BALIA BIHARSHARIFF-BALIA	2	73	624 529	0.0	9.7 4.9	-9.7 -4.9
12	400 kV	MOTIHARI-GORAKHPUR		0	552 552	0.0	8.9	-8.9
13		BIHARSHARIFF-VARANASI	2	54	320	0.0	3.8	-3.8
14	220 kV	SAHUPURI-KARAMNASA	1	0	152	0.0	2.3	-2.3
15		NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16	132 kV	GARWAH-RIHAND		25 0	0	0.3	0.0	0.3 0.0
17 18	132 kV 132 kV	KARMANASA-SAHUPURI KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
					ER-NR	0.3	73.7	-73.3
Impo	rt/Export of ER (
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	629	0	0.1	0.0	0.1
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	474	602	0.0	1.3	-1.3
3	765 kV	JHARSUGUDA-DURG	2	0	314	0.0	2.0	-2.0
4	400 kV	JHARSUGUDA-RAIGARH	4	0	312	0.0	6.9	-6.9
5	400 kV	RANCHI-SIPAT	2	110	178	0.0	1.4	-1.4
6	220 kV	BUDHIPADAR-RAIGARH	1	0	116	0.0	1.8	-1.8
7		BUDHIPADAR-KORBA	2	80	14	0.7	0.0	0.7
Ė					ER-WR	0.8	13.4	-12.6
	rt/Export of ER (
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	346	0.0	7.5	-7.5
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1502	0.0	36.1	-36.1
3	765 kV 400 kV	ANGUL-SRIKAKULAM TALCHER-I/C	2 2	0 424	1878 0	0.0 8.8	34.7 0.0	-34.7 8.8
5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0	0.0	0.0	0.0
				<u> </u>	ER-SR	0.0	78.3	-78.3
	rt/Export of ER (
1		BINAGURI-BONGAIGAON	2	37	272	0.0	2.7	-2.7
3		ALIPURDUAR-BONGAIGAON	2 2	15	437	0.0	4.9	-4.9
3	220 KV	ALIPURDUAR-SALAKATI		0	90 ER-NER	0.0	1.0 8.6	-1.0 -8.6
Impo	rt/Export of NER	(With NR)			DK 11DK	0.0	0.0	-0.0
1		BISWANATH CHARIALI-AGRA	2	0	502	0.0	12.0	-12.0
					NER-NR	0.0	12.0	-12.0
	rt/Export of WR (2015	0.0	40.7	40.7
2		CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0 272	3015 0	0.0 7.3	48.7 0.0	-48.7
3		MUNDRA-MOHINDERGARH	2	482	0	11.5	0.0	7.3 11.5
4		GWALIOR-AGRA	2	0	1864	0.0	28.3	-28.3
5	765 kV	GWALIOR-PHAGI	2	52	1730	0.0	20.5	-20.5
6		JABALPUR-ORAI	2	0	885	0.0	26.6	-26.6
7		GWALIOR-ORAI	1	600	0	10.6	0.0	10.6
8	765 kV	SATNA-ORAI	1 2	0	0 1074	0.0	21.1	-21.1
8 9	765 kV 765 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	1 1 2 2	0 347	0	0.0		-21.1 -1.5
8 9 10 11	765 kV 765 kV 765 kV 400 kV	SATNA-ORAI	1 1 2 2 1	0 347 0 168	0 1074 563 2799 0	0.0 0.0 0.0 2.1	21.1 1.5 53.3 0.0	-21.1 -1.5 -53.3 2.1
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	1 1 2 2 1 1	0 347 0 168 389	0 1074 563 2799 0	0.0 0.0 0.0 2.1 4.5	21.1 1.5 53.3 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5
8 9 10 11 12 13	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND	2 1 1 1	0 347 0 168 389 959	0 1074 563 2799 0 0	0.0 0.0 0.0 2.1 4.5 21.5	21.1 1.5 53.3 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5
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 ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR	1 1 2 2 1 1 1 1 2	0 347 0 168 389 959 293	0 1074 563 2799 0 0 0	0.0 0.0 0.0 2.1 4.5 21.5	21.1 1.5 53.3 0.0 0.0 0.0 2.9	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4
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 1	0 347 0 168 389 959	0 1074 563 2799 0 0 0 397	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0	21.1 1.5 53.3 0.0 0.0 0.0 2.9 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0
8 9 10 11 12 13 14	765 kV 765 kV 765 kV 400 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-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	2 1 1 1	0 347 0 168 389 959 293 0 0	0 1074 563 2799 0 0 0 397 0 30 5	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7	21.1 1.5 53.3 0.0 0.0 0.0 2.9 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4
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	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-BURAYA	2 1 1 1	0 347 0 168 389 959 293 0 0 91	0 1074 563 2799 0 0 0 397 0 30 5 16	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4	21.1 1.5 53.3 0.0 0.0 0.0 2.9 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.0 0.7 1.4
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 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1 2 2 1 1 1 1 1	0 347 0 168 389 959 293 0 0 91 49	0 1074 563 2799 0 0 397 0 30 5 16	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4 0.0	21.1 1.5 53.3 0.0 0.0 0.0 2.9 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.0 0.7 1.4 0.0
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 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-BURAYA	2 1 1 1	0 347 0 168 389 959 293 0 0 91	0 1074 563 2799 0 0 0 307 0 30 5 16 0	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.0 0.7 1.4 0.0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.0 0.7 1.4 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 220 kV 220 kV 220 kV 220 kV 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 2 2 1 1 1 1 1	0 347 0 168 389 959 293 0 0 91 49	0 1074 563 2799 0 0 397 0 30 5 16	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4 0.0	21.1 1.5 53.3 0.0 0.0 0.0 2.9 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.0 0.7 1.4 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 220 kV 220 kV 220 kV 132 kV 132 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 2 2 1 1 1 1 1	0 347 0 168 389 959 293 0 0 91 49	0 1074 563 2799 0 0 0 307 0 30 5 16 0	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.0 0.7 1.4 0.0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.0 0.7 1.4 0.0 0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Impo	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 HVDC HVDC	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-URAIVA MALANPURA-URAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR	2 1 1 1 2 2 1 1 1 1 1 1 2 2	0 347 0 168 389 959 293 0 0 91 49 0	0 1074 563 2799 0 0 0 397 0 30 5 5 16 0 WR-NR	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.0 61.0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -1.4 -1.5 -1.4 -1.6 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.4 -1.4 -1.5 -1.4 -1.
8 9 10 11 12 13 14 15 16 17 18 19 20 Impo 1 2	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR (HVDC F65 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR WITH SRIP BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2	0 347 0 168 389 959 0 0 91 49 0 0	0 1074 563 2799 0 0 0 307 30 5 16 0 0 WR-NR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 0.0 8.8	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 21.5 21.4 0.0 0.7 1.4 0.0 0.0 0.7 1.4 0.0 1.4 0.0 1.4 0.0 1.4 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
8 9 10 11 12 13 14 15 16 17 17 18 19 20 Impo	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 140 kV 140 kV 150 kV 160 kV 170 kV 17	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRURAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 1 2	0 347 0 168 389 959 293 0 0 91 49 0 0	0 1074 563 2799 0 0 0 397 0 30 5 5 16 0 WR-NR	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 8.8	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -0.0 -1.4 -0.0 -1.4 -0.0 -1.4 -0.0 -1.4 -0.0 -1.5 -1.4 -0.0 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5
8 9 10 11 12 13 14 15 16 17 18 19 20 Impo 1 2	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR (HVDC HVDC 765 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAIMADHOPUR RAJGHAT-LALITPUR WITH SRIP BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAJGHUR	2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 1 2	0 347 0 168 389 959 0 0 91 49 0 0	0 1074 563 2799 0 0 0 307 30 5 16 0 0 WR-NR	0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 2.1 4.5 21.5 -1.4 0.0 0.7 1.4 0.0 0.0 -141.9 -12.0 -12.5 8.1 -21.8
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR HVDC HVDC HVDC 400 kV 220 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BHANDHOPUR RAJGHAT-LALITPUR WIB SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 1 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 347 0 168 389 959 0 0 91 49 0 0 0 0 1006 0 0	0 1074 563 2799 0 0 0 397 0 0 30 5 16 0 WR-NR	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0
8 9 10 11 12 13 14 15 16 17 18 19 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR HVDC HVDC HVDC 400 kV 220 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI	2 1 1 1 1 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 347 0 168 389 959 0 0 0 191 49 0 0 0 1006 0 1186	0 1074 563 2799 0 0 0 397 0 30 5 5 16 0 WR-NR 525 1002 354 1372 0 0	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1,5 -53.3 -2.1 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -0.0 -0.0 -0.0 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR HVDC HVDC HVDC 400 kV 220 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BHANDHOPUR RAJGHAT-LALITPUR WIB SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 1 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 347 0 168 389 959 0 0 91 49 0 0 0 0 1006 0 0	0 1074 563 2799 0 0 0 397 0 0 30 5 16 0 0 WR-NR 525 1002 354 1372 0 0	0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR HVDC HVDC HVDC 400 kV 220 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANFUR MALANPURA-URAIVA MALANPURA-URAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 347 0 168 389 959 0 0 0 191 49 0 0 0 1006 0 0 1186	0 1074 563 2799 0 0 0 397 0 30 5 5 16 0 WR-NR 525 1002 354 1372 0 0	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -21.5 -21.5 -1.4 -0.0 -0.0 -7 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -2.3 -20.3 +ve)/Export(-ve)
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-LITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2	0 347 0 168 389 959 959 0 0 91 49 0 0 0 1006 0 11186 0 0 0 CHANGES	0 1074 563 2799 0 0 0 397 0 30 5 16 0 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 61.0 0.0 8.8 0.0 0.0 22.6 0.0 2.3 33.6	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -53.3 -53.3 -1.4 -6.0 -6.0 -7.1 -1.4 -7.0 -7.1 -1.4 -7.0 -7.1 -7.0 -7.0 -7.1 -7.0 -7.0 -7.0 -7.0 -7.0 -7.0 -7.0 -7.0
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV rt/Export of WR HVDC HVDC HVDC 400 kV 220 kV 400 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANFUR MALANPURA-URAIVA MALANPURA-URAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B 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 1 1 2 2 1 1 1 1 1 2 1 1 1 1 1 1 1 2 2 1	0 347 0 168 389 959 0 0 0 91 49 0 0 1006 0 1006 0 0 1186 0 0 0 CHANGES	0 1074 563 2799 0 0 0 397 0 30 5 5 16 0 WR-NR 525 1002 354 1372 0 0	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 2.3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -21.5 -21.5 -1.4 -0.0 -0.0 -7 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -2.3 -20.3 +ve)/Export(-ve)
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-WIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANGAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRIP BHADRAWATI B/B BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION	2 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 2 1	0 347 0 168 389 959 923 0 0 91 49 0 0 1006 0 1186 0 0 CHANGES Name	0 1074 563 2799 0 0 0 397 0 30 5 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 1.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -4.5 -1.4 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU)
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-LITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 1 2 1 1 1 1 1 2 1 1 2 2 1 1 1 1	0 347 0 168 389 959 923 0 0 91 49 0 0 1006 0 1006 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180MV)	0 1074 563 2799 0 0 0 397 0 30 5 16 0 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 61.0 0.0 8.8 0.0 0.0 22.6 0.0 2.3 33.6	21.1 1.5 2.3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -53.3 -53.3 -1.4 -6.0 -6.0 -7.1 -1.4 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANTA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1186 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 418IRMW)	0 1074 563 2799 0 0 0 397 0 0 355 16 0 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 2.3 33.6 Min (MW)	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -19.5 -1.1 -21.8 -22.6 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU) -3.9
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-WIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANGAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRIP BHADRAWATI B/B BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION	2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	0 347 0 168 389 959 929 0 0 0 91 49 0 0 1006 0 1006 0 1186 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4180MW) URI 12,4 (& 400EV) RUB 16, EMINAGURI	0 1074 563 2799 0 0 0 397 0 30 5 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 1.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 53.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -4.5 -1.4 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 -ve)/Export(-ve) Energy Exchange (MU)
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANTA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 2 2 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 2 2 4 2 2 1 1 1 1	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 11186 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (& 400RV) IRD 1,6, BINAGURI A HEP (6*170MW)	0 1074 563 2799 0 0 0 397 0 0 355 16 0 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 2.3 33.6 Min (MW)	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -19.5 -1.1 -21.8 -22.6 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU) -3.9
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV rt/Export of WR 400 kV 220 kV 400 kV 220 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANTA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WISH SR BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 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 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 1186 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,24 (8*400KV) URI 1,6 & 400KV URI 1,6 & 40KV UR	0 1074 563 2799 0 0 0 397 0 0 355 16 0 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 2.3 33.6 Min (MW)	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -19.5 -1.1 -21.8 -22.6 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU) -3.9
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANGAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	2 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 1186 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,24 (8*400KV) URI 1,6 & 400KV URI 1,6 & 40KV UR	0 1074 563 2799 0 0 0 397 0 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 8.8 0.0 22.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -1.4 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -141.9 -12.0 -12.0 -12.0 -12.18 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 -+ve)/Export(-ve) Energy Exchange (MU) -3.9
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-BURA-BURA-BURA-BURA-BURA-BURA-BURA-B	2 1 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 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 1186 0 0 1186 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV) URI 1,64 (8 400KV) URI	0 1074 563 2799 0 0 0 397 0 397 0 30 35 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.1 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -141.9 -19.5 -1.1 -21.8 -22.6 -0.0 -2.3 -20.3 -vee/Export(-ve) Energy Exchange (MU) 3.9 -5.4
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANGAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	2 1 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 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 1186 0 0 1186 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV) URI 1,64 (8 400KV) URI	0 1074 563 2799 0 0 0 397 0 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 8.8 0.0 22.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -1.4 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -141.9 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU) -3.9
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-BURA-BURA-BURA-BURA-BURA-BURA-BURA-B	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 347 0 168 389 959 959 0 0 0 91 49 0 0 0 1006 0 0 1006 0 0 1006 0 0 CHANGES Name CHALIPURDUAR AR RECEIPT (from 49*180MW) URI 12,4 (& 400KW) URI 12,4 (& 400KW) AI HEP (*POMW) PARA 182 (& 220KW A) i.e. BIRNAGURI A HEP (*POMW) A HEP (*PO	0 1074 563 2799 0 0 0 397 0 397 0 30 35 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 0.0 0.7 1.4 0.0 0.1 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -1.4 -1.5 -1.4 -1.0 -1.4 -1.0 -1.4 -1.0 -1.4 -1.0 -1.4 -1.2 -1.2.0 -1.9.5 -1.1 -21.8
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-BURA-BURA-BURA-BURA-BURA-BURA-BURA-B	2 1 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 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2	0 347 0 168 389 959 959 0 0 0 91 49 0 0 0 1006 0 0 1006 0 0 1006 0 0 CHANGES Name CHALIPURDUAR AR RECEIPT (from 49*180MW) URI 12,4 (& 400KW) URI 12,4 (& 400KW) AI HEP (*POMW) PARA 182 (& 220KW A) i.e. BIRNAGURI A HEP (*POMW) A HEP (*PO	0 1074 563 2799 0 0 0 397 0 397 0 30 35 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR	0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -1.4 -1.5 -1.4 -1.0 -1.4 -1.0 -1.4 -1.0 -1.4 -1.0 -1.4 -1.2 -1.2.0 -1.9.5 -1.1 -21.8
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANFAR MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRIP BHANPUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION ER ER ER ER	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 2 2 2 2 2 2 1 1 1 1 1 2 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 2 1 1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 1 2 2 8 2 2 2 2	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 0 1186 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{4}\$ H80MW) URI 12.4 (& 400RV) URI 12.4 (& 400RV) URI 12.4 (& 400RV) AR PEGEIPT (from \$\frac{9}{4}\$ H80MW) LAKATI ANGIA	0 1074 563 563 2799 0 0 0 0 397 0 30 30 5 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR Max (MW) 213 318	0.0 0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.0 0.7 1.4 0.0 0.0 61.0 0.0 0.0 8.8 0.0 22.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -1.4 -4.5 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -141.9 -12.0 -19.5 -1.1 -21.8 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 +ve)/Export(-ve) Energy Exchange (MU) -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	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 765 kV 400 kV 220 kV EXPLOYED THE STATE STA	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BURAUR With SR) BHADRA-WATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLAPUR-RAICHUR KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 347 0 168 389 959 959 0 0 91 49 0 0 1006 0 1006 0 0 1186 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{4}\$ H80MW) URI 12.4 (& 400RV) URI 12.4 (& 400RV) URI 12.4 (& 400RV) AR PEGEIPT (from \$\frac{9}{4}\$ H80MW) LAKATI ANGIA	0 1074 563 2799 0 0 0 397 0 397 0 30 316 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR Max (MW) 213 318	0.0 0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 61.0 0.0 22.6 0.0 22.6 0.0 176	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -141.9 -12.0 -141.9 -12.18 -21.8 -
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8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 520 kV 6400 kV 650 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADARWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1	0 347 0 168 389 959 923 0 0 91 91 49 0 0 1006 0 1006 0 0 1006 0 0 1006 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12,4 (& 400KW) AI SHANGURI A HEP (6*170MW) PARA 182 (& 20KV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI ANGIA ANGIA	0 1074 563 563 2799 0 0 0 397 0 30 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR Max (MW) 213 318 104 7	0.0 0.0 0.0 0.0 0.0 2.1 4.5 2.1.5 1.5 0.0 0.0 0.7 1.4 0.0 61.0 0.0 0.0 8.8 0.0 2.2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -1.4 -1.5 -1.4 -1.5 -1.4 -1.6 -1.0 -1.0 -1.4 -1.0 -1.4 -1.0 -1.1 -1.2.0 -1.2.0 -1.2.1 -1.2.1 -1.2.1 -1.2.1 -1.2.3 -2.1.8
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8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 520 kV 6400 kV 650 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADARWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1	0 347 0 168 389 959 923 0 0 91 91 49 0 0 1006 0 1006 0 0 1006 0 0 1006 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 12,4 (& 400KW) AI SHANGURI A HEP (6*170MW) PARA 182 (& 20KV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI ANGIA ANGIA	0 1074 563 563 2799 0 0 0 397 0 30 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 WR-SR Max (MW) 213 318 104 7	0.0 0.0 0.0 0.0 0.0 2.1 4.5 2.1.5 1.5 0.0 0.0 0.7 1.4 0.0 61.0 0.0 0.0 8.8 0.0 2.2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -1.4 -1.5 -1.4 -1.5 -1.4 -1.6 -1.4 -1.0 -1.0 -1.4 -1.0 -1.4 -1.0 -1.4 -1.0 -1.2.0 -1.4 -1.2.0 -1.2.0 -1.2.0 -1.2.0 -1.2.1 -1.2.1 -1.2.1 -1.2.1 -1.2.3 -2.1.8 -2.1
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 520 kV 6400 kV 650 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BANPUR BHANPURA-BURAUYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABR-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1	0 347 0 168 389 959 959 0 0 91 49 0 0 100 0 1006 0 1186 0 0 1186 0 0 0 CHANGES Name 0 CHANGES Name (RI)L2,4(400RV) (RI)L6, BINAGURI ARE CEIPT (from 44180MW) (RI)L6, BINAGURI ARE (& 220RV) ARE (& 240RV) (RI)L6, BINAGURI ARE (& 240RV) (RI)L6, BINAGUR	0 1074 563 2799 0 0 0 397 0 397 0 30 31 5 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR Max (MW) 213 318 104 7 28 -80	0.0 0.0 0.0 0.0 0.0 0.0 2.1 4.5 21.5 1.5 0.0 0.7 1.4 0.0 0.1 0.0 61.0 0.0 8.8 0.0 0.0 2.3 33.6 Min (MW) 0 176	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -2.1 -4.5 -2.1 -4.5 -1.4 -0.0 -0.7 -1.4 -0.0 -1.4 -1.0 -1.4 -1.9 -12.0 -19.5 -8.1 -21.8 -21
8 9 10 11 12 13 14 15 16 17 18 20 Impo 1 2 3 4 5	765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 520 kV 6400 kV 650 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADARWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1	0 347 0 168 389 959 959 293 0 0 91 49 0 0 1006 0 1006 0 0 1006 0 0 1006 0 0 CHANGES	0 1074 563 563 2799 0 0 0 0 397 0 30 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR Max (MW) 213 318 104 7 28 -80	0.0 0.0 0.0 0.0 0.0 0.0 2.1 4.5 2.1.5 1.5 0.0 0.0 0.7 1.4 0.0 61.0 0.0 0.0 8.8 0.0 2.2.6 0.0 0.0 0.0 0.0 176 0 0 0 0 176	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.0 -1.0 -1.4 -1.0 -1.0 -1.4 -1.0 -1.1 -1.2.0 -1.0 -1.4 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
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8 9 10 11 12 13 14 15 16 17 18 19 20 Impo 6 7 8	765 kV 765 kV 765 kV 765 kV 400 kV 400 kV 400 kV 400 kV 220 kV 220 kV 220 kV 132 kV 132 kV 17Export of WR HVDC 765 kV 400 kV 220 kV 220 kV 520 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADARWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 347 0 168 389 959 959 0 0 91 49 0 0 100 0 1006 0 1006 0 11186 0 0 0 11186 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) USH 12,4 (8*400KV) RID I.e. BINAGURI AMERICA (2*20KV) AMERICA (2*20KV) AMERICA (3*40KV) AMERIC	0 1074 563 563 2799 0 0 0 0 397 0 30 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR Max (MW) 213 318 104 7 28 -80	0.0 0.0 0.0 0.0 0.0 0.0 2.1 4.5 2.1.5 1.5 0.0 0.0 0.7 1.4 0.0 61.0 0.0 0.0 8.8 0.0 2.2.6 0.0 0.0 0.0 0.0 176 0 0 0 0 176	21.1 1.5 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -53.3 -53.3 -53.3 -1.4 -0.0 -0.0 -0.7 -1.4 -0.0 -1.4 -0.0 -141.9 -12.0 -12.0 -12.0 -19.5 -8.1 -21.8 -22.6 -0.0 -0.0 -0.0 -2.3 -20.3 -20.3 -40.9 -14.1 -15.5 -1.6 -1.6 -1.6 -1.6 -1.6 -1.6
8 9 10 11 12 13 14 15 16 17 18 19 20 Impo 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 17Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 520 kV 6400 kV 650 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADARWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 1	0 347 0 168 389 959 959 0 0 91 49 0 0 100 0 1006 0 1006 0 11186 0 0 0 11186 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from 4*180MW) USH 12,4 (8*400KV) RID I.e. BINAGURI AMERICA (2*20KV) AMERICA (2*20KV) AMERICA (3*40KV) AMERIC	0 1074 563 563 2799 0 0 0 0 397 0 30 30 55 16 0 WR-NR 525 1002 354 1372 0 0 0 120 WR-SR Max (MW) 213 318 104 7 28 -80	0.0 0.0 0.0 0.0 0.0 0.0 2.1 4.5 2.1.5 1.5 0.0 0.0 0.7 1.4 0.0 61.0 0.0 0.0 8.8 0.0 2.2.6 0.0 0.0 0.0 0.0 176 0 0 0 0 176	21.1 1.5 3.3 3.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-21.1 -1.5 -53.3 -53.3 -53.3 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.4 -1.0 -1.0 -1.4 -1.0 -1.0 -1.4 -1.0 -1.1 -1.2.0 -1.0 -1.4 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0