

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

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

दिनांक: 9<sup>th</sup> May 2022

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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 08.05.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-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 8<sup>th</sup> May 2022, 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-May-2022

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58616	58229	38353	22695	2781	180674
Peak Shortage (MW)	229	0	0	201	0	430
Energy Met (MU)	1339	1447	998	521	53	4358
Hydro Gen (MU)	225	29	53	55	13	375
Wind Gen (MU)	48	94	85	-	-	227
Solar Gen (MU)*	103.95	53.13	96.18	5.56	0.76	260
Energy Shortage (MU)	3.85	9.46	0.00	4.27	0.57	18.15
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	62272	63757	45591	23445	2828	189239
Time Of Maximum Demand Met (From NLDC SCADA)	22:21	15:06	11:44	22:03	19:39	14:56

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	8862	0	197.2	91.8	-1.3	100	0.00
	Haryana	7982	0	173.9	107.9	-1.0	132	0.00
	Rajasthan	13805	0	279.0	60.1	-1.0	438	1.48
	Delhi	5762	0	110.0	95.1	-1.3	149	0.00
NR	UP	22363	180	446.0	179.8	1.7	745	1.69
	Uttarakhand	1976	0	42.0	25.1	0.2	171	0.00
	HP	1521	0	31.8	11.2	0.2	170	0.00
	J&K(UT) & Ladakh(UT)	2457	0	54.4	36.7	1.3	449	0.68
	Chandigarh	267	0	5.0	4.9	0.1	28	0.00
	Chhattisgarh	4729	0	110.2	56.4	-2.6	157	0.00
	Gujarat	19039	0	420.5	199.8	-1.8	435	0.00
	MP	11806	0	263.2	142.9	0.0	573	9.46
WR	Maharashtra	26320	0	593.3	189.7	1.4	969	0.00
	Goa	647	0	13.5	13.3	-0.2	35	0.00
	DD	325	0	7.5	7.6	-0.1	17	0.00
	DNH	858	0	19.8	19.9	-0.1	44	0.00
	AMNSIL	869	0	18.8	10.0	-0.1	296	0.00
	Andhra Pradesh	9711	0	190.0	71.9	-3.5	524	0.00
	Telangana	9694	0	193.7	81.5	1.0	571	0.00
SR	Karnataka	9919	0	199.6	41.2	-3.6	829	0.00
	Kerala	4073	0	77.9	63.2	0.1	184	0.00
	Tamil Nadu	14395	0	327.9	185.4	-2.7	451	0.00
	Puducherry	422	0	9.0	9.1	-0.1	32	0.00
	Bihar	5822	0	116.5	111.9	-1.5	330	0.99
	DVC	3565	0	77.5	-40.3	1.0	233	0.00
	Jharkhand	1488	0	32.4	22.1	1.3	161	3.29
ER	Odisha	5961	Ö	126.4	50.5	-1.7	341	0.00
	West Bengal	8257	0	167.4	47.3	-1.0	196	0.00
	Sikkim	78	ů ů	1.2	1.2	0.1	25	0.00
	Arunachal Pradesh	136	0	2.3	2.4	-0.2	23	0.00
	Assam	1830	0	34.2	27.9	-0.4	82	0.00
	Manipur	173	0	2.4	2.5	-0.4	18	0.00
NER	Meghalaya	316	0	4.9	2.7	0.0	47	0.57
LILIK	Mizoram	104	0	1.8	1.8	-0.1	7	0.00
	Nagaland	127	0	2.2	2.2	-0.1	11	0.00
	Tripura	289	0	5.5	4.5	0.1	44	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	9.1	-7.4	-25.0
Day Peak (MW)	484.0	-420.0	-1048.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.0	-157.1	63.6	-91.3	0.8	0.0
Actual(MU)	180.2	-136.4	37.3	-86.3	0.0	-5.3
O/D/U/D(MU)	-39	20.7	-26.4	5.0	-0.8	-5.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4649	10999	5698	2000	575	23921	48
State Sector	6734	11013	5929	2640	68	26383	52
Total	11383	22011	11627	4640	643	50304	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	719	1372	612	589	14	3307	74
Lignite	19	16	46	0	0	81	2
Hydro	225	29	53	55	13	375	8
Nuclear	25	33	46	0	0	104	2
Gas, Naptha & Diesel	22	12	8	0	30	72	2
RES (Wind, Solar, Biomass & Others)	175	148	208	6	1	538	12
Total	1185	1610	973	650	58	4477	100
Share of RES in total generation (%)	14.78	9.21	21.36	0.85	1.31	12.01	i i
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	35.84	13.02	31.57	9.34	24.08	22.71	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.046
Based on State Max Demands	1 088

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-May-2022

							Date of Reporting:	09-May-2022
Sl Volta	age Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
No Import/Expo			nor or circuit		mus Export (mm)	Import (to)	F ( /	
		ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
		PUSAULI B/B	-	4	Ŏ	0.0	0.0	0.0
	65 kV	GAYA-VARANASI	2	377	254	0.2	0.0	0.2
	65 kV 65 kV	SASARAM-FATEHPUR GAYA-BALIA	1	0	364 621	0.0	6.2 10.8	-6.2 -10.8
		PUSAULI-VARANASI	i	24	94	0.0	0.6	-0.6
7 40	00 kV	PUSAULI -ALLAHABAD	1	58	141	0.0	1.1	-1.1
		MUZAFFARPUR-GORAKHPUR	2	170	515	0.0	4.2	-4.2
		PATNA-BALIA NAUBATPUR-BALIA	2	0	498 532	0.0	9.3 9.7	-9.3 -9.7
		BIHARSHARIFF-BALIA	2	24	368	0.0	3.6	-3.6
		MOTIHARI-GORAKHPUR	2	0	436	0.0	6.4	-6.4
		BIHARSHARIFF-VARANASI SAHUPURI-KARAMNASA	2	69	223	0.0	2.4	-2.4
		NAGAR UNTARI-RIHAND	i	0	153	0.0	0.0	-2.3 0.0
16 13	32 kV	GARWAH-RIHAND	i	25	Ö	0.4	0.0	0.4
	32 kV	KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
18 13	32 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0 0.6	0.0 56.6	0.0 -56.0
Import/Expo	ort of ER (	With WR)			DIC 11II	0.0	2010	-30.0
	65 kV	JHARSUGUDA-DHARAMJAIGARH	4	629	0	10.0	0.0	10.0
2 76	65 kV	NEW RANCHI-DHARAMJAIGARH	2	1034	0	12.6	0.0	12.6
3 76	65 kV	JHARSUGUDA-DURG	2	0	314	2.6	0.0	2.6
4 40	00 kV	JHARSUGUDA-RAIGARH	4	0	312	0.0	8.8	-8.8
-		RANCHI-SIPAT	2	197	40	1.4	0.0	1.4
-	20 kV	BUDHIPADAR-RAIGARH	1	0	135	0.0	2.4	-2.4
7 22	20 kV	BUDHIPADAR-KORBA	2	84	0	1.0	0.0	1.0
Import T	ort of En a	Vict. SD)			ER-WR	27.6	11.3	16.3
Import/Expo	ort of ER (\ IVDC	JEYPORE-GAZUWAKA B/B	2	1 0	445	0.0	10.4	-10.4
2 H	IVDC	TALCHER-KOLAR BIPOLE	2	Ů	1643	0.0	25.1	-25.1
3 76	65 kV	ANGUL-SRIKAKULAM	2	0	2346	0.0	42.9	-42.9
	00 kV	TALCHER-I/C BALIMELA-UPPER-SILERRU	2	929	0	18.9	0.0	18.9
3 I 22	20 kV	DALIMELA-UPPEK-SILEKKU	1 1	<u> </u>	0 ER-SR	0.0	78.3	0.0 -78.3
Import/Expo	ort of ER (	With NER)						
1 40	00 kV	BINAGURI-BONGAIGAON	2	38	258	0.0	3.9	-3.9
		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2 2	19	438	0.0	6.4 1.3	-6.4 1.3
3 1 22	AU RY	ALII URDUAR-SALARATI	. 4	0	84 ER-NER	0.0	11.6	-1.3 -11.6
Import/Expo								
1 H	IVDC	BISWANATH CHARIALI-AGRA	2	0	502	0.0	12.0	-12.0
Import/Expo	ort of WR (	With NR)			NER-NR	0.0	12.0	-12.0
		CHAMPA-KURUKSHETRA	2	0	2515	0.0	47.6	-47.6
2 H	IVDC	VINDHYACHAL B/B	-	449	0	12.2	0.0	12.2
		MUNDRA-MOHINDERGARH	2	736	0	17.6	0.0	17.6
	65 kV 65 kV	GWALIOR-AGRA GWALIOR-PHAGI	2	93	1973 1259	0.0 0.1	29.3 16.4	-29.3
		JABALPUR-ORAI	2	0	865	0.0	24.9	-16.3 -24.9
		GWALIOR-ORAI	1	546	0	10.0	0.0	10.0
					U	10.0		
8 76	65 kV	SATNA-ORAI	1	0	1021	0.0	20.7	-20.7
9 76	65 kV 65 kV	SATNA-ORAI BANASKANTHA-CHITORGARH	1 2 2	0 1162	1021 37	0.0 10.0	20.7 0.0	-20.7 10.0
9 76 10 76	65 kV 65 kV 65 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI		0 1162 0	1021	0.0 10.0 0.0	20.7	-20.7 10.0 -63.2
9 76 10 76 11 40 12 40	65 kV 65 kV 65 kV 00 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL		0 1162 0 318 595	1021 37 3345 0	0.0 10.0 0.0 4.1 8.1	20.7 0.0 63.2 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1
9 76 10 76 11 40 12 40 13 40	65 kV 65 kV 65 kV 00 kV 00 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND	2 1 1 1	0 1162 0 318 595	1021 37 3345 0 0	0.0 10.0 0.0 4.1 8.1 21.8	20.7 0.0 63.2 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 21.8
9 76 10 76 11 40 12 40 13 40 14 40	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPÜR		0 1162 0 318 595 967 381	1021 37 3345 0 0 0 323	0.0 10.0 0.0 4.1 8.1 21.8 2.8	20.7 0.0 63.2 0.0 0.0 0.0 2.0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8
9 76 10 76 11 40 12 40 13 40 14 40 15 22	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND	2 1 1 1	0 1162 0 318 595	1021 37 3345 0 0	0.0 10.0 0.0 4.1 8.1 21.8	20.7 0.0 63.2 0.0 0.0 0.0 2.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 21.8
9 76 10 76 11 40 12 40 13 40 15 22 16 222 17 22	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 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 1162 0 318 595 967 381 0	1021 37 3345 0 0 0 323 0 30 0	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0	20.7 0.0 63.2 0.0 0.0 0.0 2.0 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0
9 76 10 76 11 40 12 40 13 40 15 22 16 22 17 22 18 22	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA	2 1 1 1	0 1162 0 318 595 967 381 0 0 94	1021 37 3345 0 0 0 323 0 30 0 8	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4	20.7 0.0 63.2 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0
9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 222 17 22 18 22 19 13	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BIHIMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	2 1 1 1	0 1162 0 318 595 967 381 0 0 94 56	1021 37 3345 0 0 0 323 0 30 0 8	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.0	20.7 0.0 63.2 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.0
9 76 10 76 11 400 13 40 14 40 15 22 17 22 18 22 19 13 20 13	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 20 kV 32 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARAIVA MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 2 2 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94	1021 37 3345 0 0 0 323 0 30 0 8	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4	20.7 0.0 63.2 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0
9 76 10 766 11 40 12 40 13 40 14 400 15 22 16 22 17 22 18 22 19 13 20 13	65 kV 65 kV 60 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 32 kV 32 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJAL-PÜR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	2 1 1 1 2 2 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 56 0	1021 37 3345 0 0 0 0 323 0 30 0 8 0 0 WR-NR	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 88.7	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 0.0 0.0 -115.3
9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 17 22 18 22 19 13 20 13  Import/Expo	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 32 kV 32 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHAND RAPP-SHUJAL PUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIH SR BHADRIKA-BUR BHADRIKANIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WIH SR BHADRIKANI BIB	2 1 1 1 2 2 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 56 0	1021 37 3345 0 0 0 223 0 30 0 8 0 WR-NR	0.0 10.0 0.0 4.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 0.0 0.0	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 0.0 0.0 -115.3
9 76 10 766 11 40 12 400 13 400 15 22 16 22 17 22 18 22 19 13 20 13  Import/Expo 1 H 2 H	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 32 kV 32 kV 32 kV ort of WR (	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJAL-PÜR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	2 1 1 1 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 56 0	1021 37 3345 0 0 0 0 323 0 30 0 8 0 0 WR-NR	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 88.7	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 0.0 0.0 -115.3
9 76 10 766 11 40 12 40 13 406 15 22 16 22 17 22 18 22 19 13 1mport/Expo 1 H 2 H 3 766 4 766	65 kV 65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 21 kV 22 kV 21 kV 22 kV 32 kV 32 kV 35 kV 36 kV 37 kV 38 kV 38 kV 39 kV 30 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-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 1 1 1 1 2 2 1 1 1 1 2 2 2 1 1 1 2	0 1162 0 318 595 967 381 0 0 24 56 0 0	1021 37 3345 0 0 0 323 0 30 0 8 0 WR-NR 515 0 1446	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.6 1.4 0.0 0.0 0.0 1.7 0.0 17.3 2.5 0.0	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.6 1.4 0.0 0.0 -115.3 -12.0 17.3 -4.5 -32.1
9 76 10 766 11 400 12 400 13 400 14 400 15 22 17 22 18 22 17 22 18 22 19 13 20 13  Import/Expo 1 H 3 76 4 76 5 40 5 47	65 kV 65 kV 65 kV 900 kV 900 kV 900 kV 900 kV 20 kV 20 kV 20 kV 20 kV 210 kV 220 kV 220 kV 220 kV 232 kV 32 kV 32 kV 32 kV 332 kV 34 kV 35 kV 65 kV 65 kV 65 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 MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR Wifi SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 1162 0 318 595 967 381 0 0 94 56 0 0	1021 37 3345 0 0 0 223 0 30 0 8 0 0 WR-NR 515 0 1446 1945 0	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 0.0 88.7	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 0.0 -115.3 -12.0 17.3 -4.5 -32.1 -33.9
9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 17 22 18 22 19 13 20 13 Import/Expo 1 H 2 H 2 H 3 76 4 76 5 40	65 kV 65 kV 605 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 27 kV 28 kV 28 kV 29 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHHAND RAPP-SHUJALPUR BHANPURA-RAPPUR BHANPURA-RAPPUR BHANPURA-WARAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WALANPUR-AURAIYA BHANPURA-WARAIYA MALANPUR-BHANPURA-WARAIYA MALANPUR-BHANPURA-WARAIYA WALANPUR-BHANPURA-WARAIYA WALANPUR-BURAIYA WALANPUR-BURAIYA WALANPUR-BURAIYA WARAIHA-NIZAMABAD KOLHAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 2 1 1 1 2	0 1162 0 318 595 967 381 0 0 94 56 0 0 0	1021 37 3345 0 0 0 3323 0 30 0 8 0 WR-NR 515 0 1446 1945 0	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 17.3 2.5 0.0 2.3 0.0 0.0	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 0.0 115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0
9 76 10 76 11 40 112 40 113 40 114 40 115 22 116 22 117 22 118 22 119 13 20 13  Import/Expo 1 H 3 76 4 76 6 22 7 22	65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 23 kV 24 kV 25 kV 26 kV 27 kV 28 kV 29 kV 20 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 MALANPURA-URAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR Wifi SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 1162 0 318 595 967 381 0 0 94 56 0 0	1021 37 3345 0 0 0 323 0 30 0 8 0 0 WR-NR 515 0 1446 1945 0 0	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 1.7 3 2.5 0.0 0.0 0.0 2.7	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.0 0.0 1.4 0.0 0.0 17.3 -4.5 -32.1 23.9 0.0 0.0 0.0 2.7
9 76 10 76 11 40 11 40 112 40 113 40 114 40 115 22 116 22 117 22 118 22 119 13 20 13  Import/Expo 1 H 3 76 4 76 5 40 6 22 7 22	65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 23 kV 24 kV 25 kV 26 kV 27 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALJOR-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 2 2 2 2 2 2	0 1162 0 318 595 967 381 0 0 94 56 0 0 0	1021 37 3345 0 0 0 0 323 0 30 0 8 0 0 WR-NR 515 0 1446 1945 0 0	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 0.0 88.7	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 -4.1 -8.1 -8.1 -8.1 -9.8 -9.0 -9.0 -9.0 -9.0 -1.4 -9.0 -115.3 -12.0 -12.0 -17.3 -4.5 -32.1 -23.9 -9.0 -9.0 -9.0 -9.0 -9.0 -9.0 -9.0 -9
9 76 10 76 11 40 11 40 112 40 113 40 114 40 115 22 116 22 117 22 118 22 119 13 20 13  Import/Expo 1 H 3 76 4 76 5 40 6 22 7 22	65 kV 65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 23 kV 24 kV 25 kV 26 kV 27 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALJOR-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 2 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2	0 1162 0 318 595 967 381 0 0 94 56 0 0 0	1021 37 3345 0 0 0 323 0 30 0 8 0 0 WR-NR 515 0 1446 1945 0 0	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 1.7 3 2.5 0.0 0.0 0.0 2.7	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 0.0 2.7 -4.8 +ve)/Export(-ve)
9 76 10 76 11 40 11 40 112 40 113 40 114 40 115 22 116 22 117 22 118 22 119 13 20 13  Import/Expo 1 H 3 76 4 76 5 40 6 22 7 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 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-BANPUR BHANPURA-LURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOI-APUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2	0 1162 0 318 595 967 381 0 0 94 56 0 0 0	1021 37 3345 0 0 0 0 3232 0 30 0 8 0 WR-NR  515 0 1446 1945 0 0 123 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 88.7 0.0 17.3 2.5 0.0 0.0 2.7 46.3	20.7 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.0 0.6 1.4 0.0 0.0 115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 0.0 -2.7 -4.8 +ve)/Export(-ve) Energy Exchange
9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 22 16 22 17 22 18 22 19 13 20 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 22 7 22 8 22 8 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALJOR-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 2 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 56 0 0 94 10 0 10 10 10 10 10 1365 0 0 0 1365 0 0 0 10 10 10 10 10 10 10 10 10 10 10	1021 37 3345 0 0 0 323 0 30 0 8 0 0 WR-NR 515 0 1446 1945 0 0	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 1.7 3 2.5 0.0 0.0 0.0 2.7	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 2.7 -4.8 +ve)/Export(-ve)
9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 22 16 22 17 22 18 22 19 13 20 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 22 7 22 8 22 8 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 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-BANPUR BHANPURA-LURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOI-APUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 56 0 0 960 960 793 0 1365 0 0 0 CCHANGES Name	1021 37 3345 0 0 0 0 3232 0 30 0 8 0 WR-NR  515 0 1446 1945 0 0 123 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 88.7 0.0 17.3 2.5 0.0 0.0 2.7 46.3	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.0 0.6 1.4 0.0 0.0 115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 0.0 -2.7 -4.8 +ve)/Export(-ve) Energy Exchange
9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 22 16 22 17 22 18 22 19 13 20 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 22 7 22 8 22 8 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WHI SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN REGION	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1162 0 318 318 595 967 381 0 0 94 56 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0	1021 37 3345 0 0 0 323 0 0 8 0 0 WR-NR 515 0 1446 1945 0 0 0 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 1.4 0.0 2.5 0.0 17.3 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	20.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 32.1 23.9 0.0 0.0 0.0 -2.7 -4.8 +ve)/Export(-ve) Energy Exchange
9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 22 16 22 17 22 18 22 19 13 20 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 22 7 22 8 22 8 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPIR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 2 2 1	0 1162 0 318 595 967 381 0 0 94 56 0 0 956 0 1 0 0 260 793 0 1365 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW)	1021 37 3345 0 0 0 0 323 0 30 0 8 0 WR-NR 515 0 1446 1945 0 0 0 123 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 0.0 17.3 2.5 0.0 0.0 2.7 46.3	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 2.7 -4.8 +ve)/Export(-ve) Energy Exchange
9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 15 22 17 17 22 18 22 18 22 19 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 6 22 7 22 8 22 8 22	65 kV 65 kV 065 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 220 kV 23 kV 25 kV 26 kV 26 kV 27 kV 28 kV 28 kV 29 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA WHI SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-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 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDEURD 1,2&3 i.e. MANGDEURD 400KV MANGDEURD HANGY OF LINE 40KLEIPE IBINAG MALBESE BINAGE MARCERIPE BINAGE MARCERIPE BINAGE MARCERIPE BINAGE MARCERIPE BINAGE MALBESE BINAGE MALBES BIN	0 1162 0 318 595 967 381 0 0 94 56 0 0 94 0 0 960 793 0 1365 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,24 (8 400KV)	1021 37 3345 0 0 0 323 0 0 8 0 0 WR-NR 515 0 1446 1945 0 0 0 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 0.0 0.0 0.6 1.4 0.0 0.0 1.4 0.0 2.5 0.0 17.3 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	20.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 32.1 23.9 0.0 0.0 0.0 -2.7 -4.8 +ve)/Export(-ve) Energy Exchange
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9 76 10 76 11 44 12 48 13 48 14 42 15 22 16 15 22 17 17 22 18 22 18 22 19 13 20 13 1mport/Expo 1 H 3 76 4 76 5 44 6 6 22 7 22 8 22 8 22	65 kV 65 kV 65 kV 600 kV 000 kV 000 kV 000 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPIR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAH MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAH KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line WANGY TALABINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR	0 1162 0 318 318 595 967 967 381 0 0 94 56 0 0 94 0 0 10 0 10 1365 0 0 0 1365 0 0 0 1365 0 0 0 1365 0 0 0 1365 0 0 0 144 180MW) 1811,24(8 400RV 1811)24(8 400RV 1811)24(8 400RV	1021 37 3345 0 0 0 0 323 0 30 0 8 0 WR-NR  515 0 1446 1945 0 0 123 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 0.0 17.3 2.5 0.0 0.0 2.7 46.3	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 -32.1 23.9 0.0 0.0 2.7 -4.8 +ve)/Export(-ve) Energy Exchange
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9 76 10 76 11 44 13 49 13 49 14 40 15 22 16 22 17 22 18 22 19 13 20 13 20 13 20 13 20 13 20 13 20 24 24 4 76 5 40 6 22 27 22 8 22 7 22 8 22 8 22	65 kV 65 kV 65 kV 600 kV 000 kV 000 kV 000 kV 20 kV	SATNA-ORAI BANASKANTIBA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRI 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 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line WANGY TALABINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAR	0 1162 0 318 595 967 967 381 0 0 94 56 0 0 94 0 0 10 0 10 0 1365 0 0 0 1365 0 0 0 1365 0 0 0 1365 0 0 0 1365 0 0 0 1480 0 0 1480 0 0 0 1580 0 0 0 1680 0 0 0 1793 0 0 1365 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1021 37 3345 0 0 0 323 0 0 8 0 WR-NR 515 0 1446 1945 0 0 123 WR-SR	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 88.7 0.0 17.3 2.5 0.0 0.0 0.6 4.1 3.1 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	20.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 32.1 23.9 0.0 0.0 0.0 2.7 -4.8 +ve)/Export(-ve) Energy Exchange (MU) 3.6
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9 76 10 76 11 44 13 49 13 49 14 40 15 22 16 22 17 22 18 22 19 13 20 13 20 13 20 13 20 13 20 13 20 24 24 4 76 5 40 6 22 27 22 8 22 7 22 8 22 8 22	65 kV 65 kV 65 kV 600 kV 000 kV 000 kV 000 kV 20 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RHINND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRI BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN REGION ER  ER  ER  ER	2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1162 0 318 595 967 381 0 0 94 40 56 0 0 94 0 94 0 0 1365 0 0 960 793 0 1365 0 0 0 1365 0 0 14865 0 0 0 14865 0 0 1487 0 0 1487 0 0 14886 0 14886 0	1021 37 3345 0 0 0 323 0 0 323 0 0 8 0 WR-NR 515 0 1446 1945 0 0 123 WR-SR  Max (MW) 171 213	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 88.7 0.0 17.3 2.5 0.0 0.0 0.6 4.1 4.1 6.3 Min (MW)	20.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-20.7 10.0 -63.2 4.1 8.1 8.1 21.8 0.8 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 32.1 23.9 0.0 0.0 0.0 2.7 -4.8 +ve)/Export(-ve) Energy Exchange (MU) 3.6 4.6
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9 76 10 76 11 44 13 49 13 49 14 40 15 22 16 22 17 22 18 22 19 13 20 13 20 13 20 13 20 13 20 13 20 24 24 4 76 5 40 6 22 27 22 8 22 7 22 8 22 8 22	65 kV 65 kV 60 kV 00 kV	SATNA-ORAI BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLIJ ZERDA-BHINMAL VINDHYACHAL-RHINND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA MALANPURA-URAHYA MALANPURA-URAHYA BHADIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRI BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN REGION ER  ER  ER  ER	2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1162 0 318 318 595 967 967 381 0 0 94 56 0 0 960 793 0 1365 0 0 1365 0 0 1365 0 0 1365 0 0 1365 0 0 1365 0 0 1365 0 0 1365 0 0 14124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1021 37 3345 0 0 0 323 0 0 323 0 0 8 0 WR-NR 515 0 1446 1945 0 0 123 WR-SR  Max (MW) 171 213	0.0 10.0 0.0 4.1 8.1 21.8 2.8 0.0 0.0 0.6 1.4 0.0 88.7 0.0 17.3 2.5 0.0 0.0 0.6 4.1 4.1 6.3 Min (MW)	20.7 0.0 0.0 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-20.7 10.0 -63.2 4.1 8.1 21.8 0.8 0.0 0.0 0.0 0.6 1.4 0.0 -115.3 -12.0 17.3 -4.5 32.1 23.9 0.0 0.0 0.0 2.7 -4.8 +ve)/Export(-ve) Energy Exchange (MU) 3.6 4.6
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