

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र GRID CONTROLLER OF INDIA LIMITED ग्रिड कंटोलर ऑफ इंडिया लिमिटेड

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 11th January 2023

Τo,

- 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 10.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10- जनवरी -2023 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 10th January 2023, is available at the NLDC website.

धन्यवाद.

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day	 Date of Reporting:	11-Jan-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	54498	60027	43251	19633	2664	180073
Peak Shortage (MW)	3119	0	0	1366	19	4504
Energy Met (MU)	1216	1443	1048	422	48	4177
Hydro Gen (MU)	113	51	102	34	9	309
Wind Gen (MU)	4	40	50			95
Solar Gen (MU)*	107.37	55.05	128.15	5.23	0.83	297
Energy Shortage (MU)	46.33	0.00	0.00	7.59	0.20	54.12
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	60946	69937	55522	20752	2778	205291
Time Of Maximum Demand Met (From NLDC SCADA)	12:50	10:16	10:15	18:00	17:45	10:28

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	0.103	1.08	3.37	12.31	16.76	56.75	26.49
C. Power Suppl	ly Position in States						

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	(MU)	(MU)	(MU)	(NIW)	(MU)
	Punjab	8465	0	153.6	37.8	0.0	143	0.00
	Haryana	8138	255	151.3	80.9	1.3	252	8.16
	Rajasthan	15983	546	296.3	105.3	2.5	284	29.85
	Delhi	5385	0	88.1	77.8	-1.7	339	0.00
NR	UP	19900	102	380.1	120.2	-1.3	424	3.73
	Uttarakhand	2317	150	42.0	29.6	0.4	173	3.54
	HP	1974	0	35.4	28.7	0.1	120	0.00
	J&K(UT) & Ladakh(UT)	2989	0	63.6	61.4	-1.8	152	1.05
	Chandigarh	314	0	5.3	5.1	0.2	86	0.00
	Chhattisgarh	4936	0	105.9	50.2	-0.4	213	0.00
	Gujarat	18734	0	397.5	207.6	-2.3	780	0.00
	MP	16996	0	329.3	189.8	0.0	502	0.00
WR	Maharashtra	26901	0	543.4	172.8	0.5	600	0.00
	Goa	631	0	12.3	12.0	-0.2	58	0.00
	DNHDDPDCL	1235	0	28.4	28.4	0.0	65	0.00
	AMNSIL	774	0	13.9	10.6	-2.4	271	0.00
	BALCO	519	0	12.4	12.6	-0.2	2	0.00
	Andhra Pradesh	10630	0	195.3	79.1	-0.9	304	0.00
	Telangana	13313	0	228.5	90.8	-0.3	529	0.00
SR	Karnataka	13179	0	236.9	66.3	1.2	539	0.00
	Kerala	3918	0	77.0	53.7	0.3	261	0.00
	Tamil Nadu	16063	0	302.5	167.2	0.6	1268	0.00
	Puducherry	406	0	8.0	8.2	-0.2	27	0.00
	Bihar	5080	141	98.7	87.1	-0.2	172	3.78
	DVC	3589	0	73.0	-47.3	-0.4	273	0.00
	Jharkhand	1623	0	29.0	21.5	-1.4	84	3.81
ER	Odisha	4604	0	87.7	27.5	-5.1	410	0.00
	West Bengal	6564	0	131.9	-1.8	-1.9	270	0.00
	Sikkim	126	0	2.0	2.0	0.0	46	0.00
	Arunachal Pradesh	160	0	2.7	2.4	0.1	43	0.00
	Assam	1548	0	26.7	19.7	0.3	137	0.05
	Manipur	234	0	3.2	3.2	0.1	33	0.08
NER	Meghalaya	395	0	7.2	5.8	-0.1	48	0.07
	Mizoram	134	0	2.1	1.6	-0.1	26	0.00
	Nagaland	137	0	2.0	1.8	0.0	44	0.00
	Tripura	229	0	3.8	1.7	0.5	102	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	-1.4	-8.5	-16.0
Day Peak (MW)	-168.0	-534.9	-1047.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.6	-118.2	102.5	-163.7	0.8	0.0
Actual(MU)	183.6	-120.6	100.9	-172.4	3.0	-5.4
O/D/U/D(MU)	5.0	-2.4	-1.6	-8.7	2.3	-5.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5920	12915	7948	3130	1495	31409	51
State Sector	7860	12831	6995	2488	98	30271	49
Total	13780	25746	14943	5618	1593	61679	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	803	1468	582	616	16	3485	71
Lignite	31	13	52	0	0	96	2
Hydro	113	51	102	34	9	309	6
Nuclear	26	37	60	0	0	123	3
Gas, Naptha & Diesel	18	14	5	0	25	62	9
RES (Wind, Solar, Biomass & Others)	139	98	205	6	1	447	9
Total	1130	1680	1006	655	51	4523	100
Share of RES in total generation (%)	12.26	5.81	20.37	0.89	1.63	9.88	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	24.61	11.05	36.48	6.02	19.80	19.45	

	Η.	All	India	Demand	Diversity	Factor
--	----	-----	-------	--------	-----------	--------

Based on Regional Max Demands	1.023
Based on State Max Demands	1.063

Based on State Max Demands

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

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

**Note: All generation MU figures are gross

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 11-Jan-2023

2 H 3 76 4 76 5 76 6 40 7 40							Date of Reporting:	11-Jan-2023
1 H 2 H 3 76 4 76 5 76 6 40 7 40	tage Levei	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
1 H 2 H 3 76 4 76 5 76 6 40 7 40	ort of ER (V	Vith NR)					ı	
3 76 4 76 5 76 6 40 7 40	HVDC	ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
4 76 5 76 6 40 7 40	HVDC 765 kV	PUSAULI B/B GAYA-VARANASI	2	0	296 926	0.0 0.0	7.4 15.8	-7.4 -15.8
6 40 7 40	765 kV	SASARAM-FATEHPUR	ī	0	365	0.0	6.5	-6.5
7 40		GAYA-BALIA PUSAULI-VARANASI	1	0	785 194	0.0	14.2 3.9	-14.2 -3.9
	400 kV	PUSAULI -ALLAHABAD	î	0	170	0.0	3.3	-3.3
	400 kV 400 kV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA	2	0	736 528	0.0	10.5 10.9	-10.5 -10.9
10 40	400 kV	NAUBATPUR-BALIA	2	0	567	0.0	10.9	-10.9
11 40	400 kV	BIHARSHARIFF-BALIA	2	0	475	0.0	7.7 6.7	-7.7
12 40 13 40	400 kV 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	3	412 279	0.0 0.0	0.4	-6.7 -0.4
14 22	220 kV	SAHUPURI-KARAMNASA	1	8	143	0.0	1.6	-1.6
		NAGAR UNTARI-RIHAND GARWAH-RIHAND	1	0 25	0	0.0 0.4	0.0	0.0
17 13	132 kV	KARMANASA-SAHUPURI	1	4	46	0.0	0.0	0.0
18 13	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	99.8	0.0
Import/Expo	ort of ER (V	Vith WR)			ER-NK	0.4	99.8	-99.4
		JHARSUGUDA-DHARAMJAIGARH	4	504	1149	0.0	10.5	-10.5
	65 kV	NEW RANCHI-DHARAMJAIGARH	2	501	872	0.0	4.4	-4.4
		JHARSUGUDA-DURG	2	0	519	0.0	9.2	-9.2
			4	0	619	0.0	11.3	
		JHARSUGUDA-RAIGARH						-11.3
		RANCHI-SIPAT	2	69	302	0.0	2.5	-2.5
		BUDHIPADAR-RAIGARH	1	1	158	0.0	3.1	-3.1
7 22	20 kV	BUDHIPADAR-KORBA	2	50	110	0.0	1.1	-1.1
Immort #2-	out of ED (*	Mal CD			ER-WR	0.0	41.9	-41.9
Import/Expo		Vith SR) JEYPORE-GAZUWAKA B/B	2	0	643	0.0	12.7	-12.7
		TALCHER-KOLAR BIPOLE	2	12	643 1992	0.0	16.1	-12.7 -16.1
		ANGUL-SRIKAKULAM	2	0	3297	0.0	51.6	-51.6
4 40	00 kV	TALCHER-I/C	2	1432	692	16.5	0.0	16.5
5 22		BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
T					ER-SR	0.0	80.4	-80.4
Import/Expo			•	1.40	74	1.4	0.1	1.5
		BINAGURI-BONGAIGAON ALIPURDUAR-BONGAIGAON	2 2	148 526	76 105	1.6 6.9	0.1	1.5 6.9
		ALIPURDUAR-SALAKATI	2	520 51	21	0.6	0.0	0.6
			-		ER-NER	9.1	0.1	9.0
Import/Expo								
1 H	IVDC	BISWANATH CHARIALI-AGRA	2	473	0	11.8	0.0	11.8
T	e wa	Wal ND			NER-NR	11.8	0.0	11.8
Import/Expo		CHAMPA-KURUKSHETRA	2	0	2022	0.0	47.8	-47.8
		VINDHYACHAL B/B		0	101	0.0	2.4	-2.4
		MUNDRA-MOHINDERGARH	2	251	0	5.9	0.0	5.9
4 76	65 kV	GWALIOR-AGRA	2	102	1751	0.0	22.5	-22.4
		GWALIOR-PHAGI	2	0	1943	0.0	32.7	-32.7
		JABALPUR-ORAI	2	0	1093	0.0	30.0	-30.0
		GWALIOR-ORAI	1 1	915 0	1016	16.8	0.0 17.8	16.8
		SATNA-ORAI			1016	0.0		-17.8
8 76			2.		0	27.5	0.0	27.5
8 76 9 76	65 kV 65 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI	2 2	1818 0	0 2581	27.5 0.0	0.0 32.7	27.5 -32.7
8 76 9 76 10 76	65 kV	BANASKANTHA-CHITORGARH VINDHYACHAL-VARANASI ZERDA-KANKROLI	2 2 1		0 2581 0	27.5 0.0 3.3		27.5 -32.7 3.3
8 76 9 76 10 76 11 40 12 40	65 kV 00 kV 00 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL	2 2 1 1	0 242 479	2581 0 131	0.0 3.3 4.1	32.7 0.0 0.0	-32.7 3.3 4.1
8 76 9 76 10 76 11 40 12 40 13 40	65 kV 00 kV 00 kV 00 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA -BHINMAL VINDHYACHAL -RIHAND	2 1 1 1	0 242 479 959	2581 0 131 0	0.0 3.3 4.1 22.0	32.7 0.0 0.0 0.0	-32.7 3.3 4.1 22.0
8 76 9 76 10 76 11 40 12 40 13 40 14 40	65 kV 00 kV 00 kV 00 kV 00 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA - BHINMAL VINDHYACHAL -RIHAND RAPP-SHUJALPUR	2 1	0 242 479 959 294	2581 0 131 0 479	0.0 3.3 4.1 22.0 1.7	32.7 0.0 0.0 0.0 2.5	-32.7 3.3 4.1 22.0 -0.8
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	2 1 1 1	0 242 479 959 294	2581 0 131 0 479	0.0 3.3 4.1 22.0 1.7 0.0	32.7 0.0 0.0 0.0 2.5 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1 1	0 242 479 959 294 0	2581 0 131 0 479 0 30	0.0 3.3 4.1 22.0 1.7 0.0 0.0	32.7 0.0 0.0 0.0 2.5 0.0 1.9	-32.7 3.3 4.1 22.0 -0.8
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 17 22	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA	2 1 1 1	0 242 479 959 294 0 0	2581 0 131 0 479 0 30	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1	32.7 0.0 0.0 0.0 2.5 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 18 22	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	2 1 1 1	0 242 479 959 294 0	2581 0 131 0 479 0 30	0.0 3.3 4.1 22.0 1.7 0.0 0.0	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0
8 76 9 76 10 76 11 40 12 40 13 40 15 22 16 22 17 22 18 22 19 13	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA	2 1 1 1	0 242 479 959 294 0 0 123 100	2581 0 131 0 479 0 30 0 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0
8 76 9 76 10 76 11 40 12 40 13 40 15 22 16 22 17 22 18 22 19 13 20 13	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 20 kV 32 kV 32 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2 1 1 1 2 2 1 1 1 1 1	0 242 479 959 294 0 0 123 100	2581 0 131 0 479 0 30 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 17 22 18 22 19 13 20 13	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 32 kV 32 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHHT-LALITPUR With SR)	2 1 1 1 2 2 1 1 1 1 1	0 242 479 959 294 0 0 123 100 0	2581 0 131 0 479 0 30 0 0 0 WR-NR	0.0 3.3 4.1 22.0 0.0 0.0 1.1 1.6 0.0 84.0	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2
8 76 9 76 10 76 11 40 12 40 13 40 15 22 16 22 17 22 18 22 19 13 20 13 Import/Export	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 32 kV 32 kV ort of WR (VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	2 1 1 1 2 2 1 1 1 1 1	0 242 479 959 294 0 0 123 100 0	2581 0 131 0 479 0 30 0 0 0 WR-NR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0	32.7 0.0 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 0.0 -106.2
8 76 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 HT	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 32 kV 32 kV ort of WR (VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA GWALIOR-SAWAI MADHOPUR RAIGHHT-LALITPUR With SR)	2 1 1 1 2 2 1 1 1 1 1 2 2	0 242 479 959 294 0 0 123 100 0	2581 0 131 0 479 0 30 0 0 0 WR-NR	0.0 3.3 4.1 22.0 0.0 0.0 1.1 1.6 0.0 84.0	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2
8 76 9 76 10 76 11 40 12 40 13 40 14 40 15 22 16 22 17 22 19 13 20 13 1 Import/Expo 1 H 2 H 3 76	65 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 20 kV 20 kV 32 kV ort of WR (IVDC IVDC 65 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHCAON-AURATYA MALANPUR-AURATYA GWALIOR-SAWAI 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 2 2 2 1 1 1 2 2 2 2 1 1 1 2	0 242 479 959 0 0 123 100 0 0 0	2581 0 131 0 479 0 30 0 0 0 WR-NR 1009 3002 1933 3169	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 3.5	32.7 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 0.0 -106.2 -14.5 -23.5 -5.2 -34.6
8 76 9 76 10 76 11 40 12 40 13 40 14 41 15 22 16 22 17 22 18 22 18 22 18 22 19 13 20 13 Import/Expoi 1 H' 2 H' 3 76 4 76	65 kV 00 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 (IVDC 1VDC 65 kV 66 kV 66 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WII SRI BHADRAWATI B/B BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 1 1 1 2 1 1 1 1 1 1 1 2 2 1 1 2 1 2 1	0 242 479 959 959 294 0 0 123 100 0 0 0 572 1350 0	2581 0 131 0 479 0 30 0 0 0 WR-NR 1009 3002 1933 3169 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 20.3	32.7 0.0 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0	-32.7 -3.3 4.1 -22.0 -0.8 -0.0 -1.9 1.1 1.6 -0.0 -106.2 -14.5 -23.5 -5.2 -34.6 -20.3
8 76 9 76 10 76 11 40 12 40 13 40 15 22 16 22 17 22 18 22 19 13 20 13 Import/Expo 1 H 2 H 2 H 3 76 5 40	65 kV 900 kV 900 kV 900 kV 900 kV 200 kV 200 kV 200 kV 320 kV 320 kV 320 kV 900 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BHANDUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 2 2 2 2 1 1 1 2	0 242 479 959 0 0 123 100 0 0 0 0 0 0 133 100 0 0 0 0 0 0 0	2581 0 131 0 479 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0	0.0 3.3 4.1 22.0 0.0 0.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 3.5 0.0 20.3	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 34.6 0.0	-32.7 -3.3 4.1 22.0 -0.8 -0.0 -1.9 1.1 1.6 -0.0 -0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 -20.3 -0.0
8 76 9 76 10 26 11 40 12 40 13 40 15 22 17 22 18 22 19 13 20 13 20 13 1 HP 2 HP 4 76 4 76 6 22 7 22	65 kV 00 kV 00 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 32 kV 32 kV 32 kV 1VDC 1VDC 655 kV 665 kV 60 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WISH SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 1 1 1 1 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 2 1 2	0 242 479 959 294 0 0 123 100 0 0 0 0 0 135 100 0 0 0 127 135 0 0 0 0	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 9.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	32.7 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0	-32.7 -3.3 4.1 -22.0 -0.8 -0.0 -1.9 1.1 1.6 -0.0 -106.2 -14.5 -23.5 -5.2 -34.6 -20.3 -0.0 -0.0
8 76 9 76 10 26 11 40 12 40 13 40 15 22 17 22 19 13 20 13 Import/Expo 1 1 1 H 2 H 3 76 4 76 5 40 6 22 7 22	65 kV 00 kV 00 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 32 kV 32 kV 32 kV 1VDC 1VDC 65 kV 65 65 kV 66 68 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL RHIAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-BHANDUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 1 1 1 2 1 1 1 1 1 1 1 2 2 1 1 2 1 2 1	0 242 479 959 0 0 123 100 0 0 0 0 0 0 133 100 0 0 0 0 0 0 0	2581 0 131 0 479 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 3.5 0.0 0.0 0.0 1.1 1.1 1.1 0.0 0.0 0.0 0.0	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 34.6 0.0	-32.7 -3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 -1.1 -
8 76 9 76 10 26 11 40 12 40 13 40 15 22 17 22 18 22 19 13 20 13 20 13 1 HP 2 HP 4 76 4 76 6 22 7 22	65 kV 00 kV 00 kV 00 kV 00 kV 00 kV 00 kV 20 kV 20 kV 22 kV 32 kV 32 kV 32 kV 1VDC 1VDC 655 kV 665 kV 60 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WII SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WORK BRITTANIA	2 1 1 1 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	0 242 479 955 294 0 0 123 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2581 0 131 0 479 0 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 9.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	32.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-32.7 3.3 4.1 22.0 0.8 0.0 1.9 1.1 1.6 0.0 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SR BHADRA-WATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WORDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2	0 242 479 959 959 294 0 123 100 0 0 572 1350 0 0 1402 0 0 CHANGES	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 20.3	32.7 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 190.0 190.0 14.5	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve/Export(-ve)
8 76 9 76 10 26 11 40 12 40 13 40 15 22 17 22 18 22 19 13 20 13 20 13 1 HP 2 HP 4 76 4 76 6 22 7 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WORK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WII SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WORK BRITTANIA	2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	0 242 479 959 294 0 0 123 100 0 0 572 572 1350 0 1402 0 0 CHANGES	2581 0 131 0 479 0 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 3.5 0.0 0.0 0.0 1.1 1.1 1.1 0.0 0.0 0.0 0.0	32.7 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 0.8 0.0 1.9 1.1 1.6 0.0 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA WHI SR) BHADRA-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGAH-PUGALUR SOLAPUR-RAICHUR WWH SR) WHO BRITTON BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region	2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1	0 242 479 959 959 294 0 0 123 100 0 0 572 1350 0 0 1402 0 0 0 CHANGES Name	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 1933 3169 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 4.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -56.2 +ve//Export(-ve) Energy Exchange
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SR BHADRA-WATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WORDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI XELDEM-AMBEWADI	2 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1	0 242 479 959 959 224 0 0 123 100 0 0 123 100 0 0 0 CHANGES Name PURROVAR 1,283 LE. som MANGBECHU HEP	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 20.3	32.7 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 190.0 190.0 14.5	-32.7 3.3 4.1 22.0 0.8 0.0 0.0 1.9 1.1 1.6 0.0 0.0 1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BHANYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	0 242 242 479 959 294 0 0 123 100 0 0 0 0 1350 0 0 0 CHANGES Name PURDUAR IZAS ILE. DIM MANGBECHU HEP 4 (& 400KY MALEASE:	2581 0 131 0 479 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 20.3 5.0 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 1.9 1.1 1.6 0.0 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve//Export(-ve) Energy Exchange
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 20 kV 210 kV 220 kV 232 kV 322 kV 324 kV 325 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BHANYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2	0 242 479 959 959 294 0 123 1100 0 0 572 1350 0 14402 0 0 CHANGES Name 0 CHANGES Name MANGDECHU HEP AR 46 4600W MALBASE ECCHPT (from TALA HEP	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 1933 3169 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 4.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -56.2 +ve//Export(-ve) Energy Exchange
8 76 9 765 10 75 111 40 112 40 13 40 15 22 17 22 18 22 19 13 20 13 1 Import/Expo 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH STATEMENT SAMARIAN SAMARIANPUR-RURAIYA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	0 242 479 959 959 294 0 123 100 0 123 100 0 0 572 1350 0 0 1402 0 0 CHANGES Name PURDUAR 1,283 i.e. mMANGDECHU HEP A (& 400KV MALBASE. ECEBT (from TALA HEP) ERE (& 25 20KV MALBASE.	2581 0 131 0 4779 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 0 0 0 WR-NR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 0.0 1.3 20.3 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MIII) -1.59
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR MALANPURA-BHANYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2	0 242 479 959 959 294 0 123 100 0 123 100 0 0 572 1350 0 0 1402 0 0 CHANGES Name PURDUAR 1,283 i.e. mMANGDECHU HEP A (& 400KV MALBASE. ECEBT (from TALA HEP) ERE (& 25 20KV MALBASE.	2581 0 131 0 479 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 0.0 20.3 5.0 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 1.9 1.1 1.6 0.0 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve//Export(-ve) Energy Exchange
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RIKATYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRICH STATEMENT	2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 242 479 479 959 9294 0 0 123 100 0 123 100 0 572 1350 0 0 572 1350 0 0 CHANGES Name 0 CHANGES Name 1402 0 0 0 162 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 25.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -1.4.5 -2.3.5 -3.4.6 20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MI) -1.59 -1.49
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH STATEMENT SAMARIAN SAMARIANPUR-RURAIYA BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2	0 242 479 479 959 9294 0 0 123 100 0 123 100 0 572 1350 0 0 572 1350 0 0 CHANGES Name 0 CHANGES Name 1402 0 0 0 162 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2581 0 131 0 4779 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 0 0 0 WR-NR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 0.0 1.3 20.3 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 2.5 0.0 1.9 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 190.2	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MIII) -1.59
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WITH SRICHUR WITH S	2 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1	0 242 479 959 959 294 0 123 1100 0 123 1100 0 0 123 1402 0 0 14402 0 0 14402 0 0 0 CHANGES Name 0 CHANGECHURHA HEP HER (AC 200K) MALBASE- ECEPT (from TALA HEP	2581 0 131 0 479 0 479 0 0 0 WR-NR 1009 WR-NR 1009 WR-NR 1009 WR-NR 1176 0 0 176	0.0 3.3 4.1 22.0 1.7 0.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 0.0 3.5 3.5 0.0 0.0 1.3 20.3 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RIKATYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR WITH SRICH STATEMENT	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1	0 242 479 959 959 294 0 123 1100 0 123 1100 0 0 123 1402 0 0 14402 0 0 14402 0 0 0 CHANGES Name 0 CHANGECHURHA HEP HER (AC 200K) MALBASE- ECEPT (from TALA HEP	2581 0 131 0 479 0 0 0 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 1.3 25.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -1.4.5 -2.3.5 -3.4.6 20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MI) -1.59 -1.49
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SHADARA WARANPUR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD 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 1 1 1 1 1 2 1 1 1 1 1 1 2 2 1	0 242 479 959 959 294 0 123 100 0 123 100 0 0 572 1350 0 0 1402 0 0 CHANGES Name PURDUAR 1,283 Le. mm MANGDECHU HEP 4 (& 400K WALBASE- ECEIPT (from TALA HEP) 13 (\$ 250K WALBASE-	2581 0 131 0 479 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 75 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 84.0 0.0 0.0 3.5 0.0 0.0 1.3 25.1 Min (MW) 0	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 1.9 1.1 1.6 0.0 0.0 -1.06.2 -14.5 -23.5 -23.5 -20.3 0.0 0.0 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MID) -1.69 -1.49 -1.49 -0.35
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 23 kV 32 kV 32 kV 1VDC 65 kV 000 kV 20 kV 20 kV 1VDC 65 kV 65 kV 00 kV 20 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WITH SRICHUR WITH S	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1	0 242 479 959 959 294 0 123 100 0 123 100 0 0 572 1350 0 0 1402 0 0 CHANGES Name PURDUAR 1,283 Le. mm MANGDECHU HEP 4 (& 400K WALBASE- ECEIPT (from TALA HEP) 13 (\$ 250K WALBASE-	2581 0 131 0 479 0 479 0 0 0 WR-NR 1009 WR-NR 1009 WR-NR 1009 WR-NR 1176 0 0 176	0.0 3.3 4.1 22.0 1.7 0.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 0.0 3.5 3.5 0.0 0.0 1.3 20.3 0.0 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -0.8 0.0 1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -1.6 20.3 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9
8 76 9 76 10 76 111 40 112 40 13 40 14 40 15 22 17 22 19 13 20 13 20 13 20 13 20 13 20 13 20 2	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-RURAIYA MALANPUR-RURAIYA With SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI IN Region ER ER ER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 2 2 1	0 242 479 959 959 294 0 123 100 0 123 100 0 572 1350 0 0 14402 0 0 0 CHANGES Name 0 0 CHANGES Name 14402 14402 1540 1640 1640 1640 1640 1640 1640 1640 16	2581 0 131 0 479 0 479 0 0 30 0 0 WR-NR 1009 3002 1933 3169 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 20.3 3.5 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW) 88	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.9 -1.1.6 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange MIII -1.49 -0.35 -0.04 -1.43
8 76 9 756 10 76 11 40 112 40 113 40 115 22 117 222 117 222 118 222 117 222 118 122 12 13 20 13 20 13 20 14 4 4 76 5 4 76 5 4 76 5 4 76 5 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA WITH SHADARA WARANPUR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD 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 1 1 1 1 1 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1	0 242 479 959 959 294 0 123 100 0 123 100 0 572 1350 0 0 14402 0 0 0 CHANGES Name 0 0 CHANGES Name 14402 14402 1540 1640 1640 1640 1640 1640 1640 1640 16	2581 0 131 0 479 0 30 0 0 0 0 WR-NR 1009 3002 1933 3169 0 0 75 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 0.0 84.0 84.0 0.0 0.0 3.5 0.0 0.0 1.3 25.1 Min (MW) 0	32.7 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 1.9 1.1 1.6 0.0 0.0 -1.06.2 -14.5 -23.5 -23.5 -20.3 0.0 0.0 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MID) -1.69 -1.49 -1.49 -0.35
8 76 9 76 10 76 11 40 12 40 13 40 15 22 17 22 18 22 19 13 20 13 Import/Expo 1 H 4 2 H 6 4 76 6 22 7 22 8 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RUBAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-ANBEWADI 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 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1	0 242 479 959 959 294 0 0 123 100 0 123 100 0 0 123 1402 0 0 0 CHANGES Name 0 CHANGES Name 1402 0 0 CHANGECHI (FOR TALA HEP 162 (& 200V MAL BASE - ECEPT (from CHUKHA HEP 17 CTANAKPURINHPC)	2581 0 131 0 479 0 0 479 0 0 0 WR-NR 1009 300 1009 3002 1933 3169 0 0 75 WR-SR Max (MW) 0 176 0 176 0 -255 -14	0.0 3.3 4.1 22.0 1.7 0.0 1.7 0.0 1.1 1.6 0.0 84.0 0.0 9.0 3.5 0.0 0.0 1.3 225.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW) 88	-32.7 3.3 4.1 22.0 -0.8 0.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange Minument
8 76 9 76 10 76 111 40 112 40 13 40 14 40 15 22 17 22 19 13 20 13 20 13 20 13 20 13 20 13 3 76 4 76 2 H 3 76 5 40 6 22 7 222 8 222 State	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RURAIYA MALANPUR-RURAIYA MALANPUR-RURAIYA With SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-ANBEWADI 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	0 242 479 959 959 294 0 0 123 100 0 123 100 0 0 123 1402 0 0 0 CHANGES Name 0 CHANGES Name 1402 0 0 CHANGECHI (FOR TALA HEP 162 (& 200V MAL BASE - ECEPT (from CHUKHA HEP 17 CTANAKPURINHPC)	2581 0 131 0 479 0 479 0 0 30 0 0 WR-NR 1009 3002 1933 3169 0 0 0 WR-SR	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 3.5 0.0 20.3 3.5 0.0 1.3 25.1	32.7 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.9 -1.1.6 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange MIII -1.49 -0.35 -0.04 -1.43
8 76 9 76 10 76 111 40 112 40 13 40 14 40 15 22 17 22 19 13 20 13 20 13 20 13 20 13 20 13 3 76 4 76 2 H 3 76 5 40 6 22 7 222 8 222 State	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHILJALPIR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B RAIGHT-LALITPUR WITH SRI BHADRAWATI B/B RAIGHT-BUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHA	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2	0 242 479 959 959 294 0 0 123 100 0 0 123 100 0 0 572 1350 0 14402 0 0 0 CHANGES Name PURBUAR 1,283 Le. m MANGDECHU HEP 182 (8 220K) MALBASE. EECEPT (from CHUKHA HEP	2581 0 131 0 479 0 479 0 0 0 479 0 0 0 WR-NR 1009 WR-NR 1009 0 0 WR-NR 1009 175 WR-SR Max (MW) 0 176 0 176 0 176 176 177 178 179 179 176 175 176 177 177 178 178 178 178 179 179 176 177 177 178 178 178 178 178 179 179 170 170 170 170 170 170 170 170 170 170	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 20.3 0.0 1.3 25.1 Min (MW) 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	32.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-32.7 3.3 4.1 22.0 -0.8 0.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -14.5 -23.5 -5.2 -34.6 20.3 0.0 1.3 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9
8 76 9 76 10 76 111 40 112 40 13 40 14 40 15 22 17 22 19 13 20 13 20 13 20 13 20 13 20 13 3 76 4 76 2 H 3 76 5 40 6 22 7 222 8 222 State	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-RUBAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-ANBEWADI IN REGION ER ER ER NER NER	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 1 1 1	0 242 479 959 959 294 0 0 123 100 0 0 123 100 0 0 572 1350 0 14402 0 0 0 CHANGES Name PURBUAR 1,283 Le. m MANGDECHU HEP 182 (8 220K) MALBASE. EECEPT (from CHUKHA HEP	2581 0 131 0 479 0 0 479 0 0 0 WR-NR 1009 300 1009 3002 1933 3169 0 0 75 WR-SR Max (MW) 0 176 0 176 0 -255 -14	0.0 3.3 4.1 22.0 1.7 0.0 1.7 0.0 1.1 1.6 0.0 84.0 0.0 9.0 3.5 0.0 0.0 1.3 225.1 Min (MW)	32.7 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 190.2 14.5 23.5 8.7 34.6 0.0 0.0 0.0 0.0 81.3 Import(Avg (MW)	-32.7 3.3 4.1 22.0 -0.8 0.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -106.2 -14.5 -23.5 -5.2 -33.6 -20.3 0.0 1.3 -56.2 +ve)/Export(-ve) Energy Exchange (MI) -1.49 -0.35 -0.04 -1.43 -0.88
8 76 9 76 10 76 11 40 12 40 13 40 15 22 17 22 19 13 20 13 Import/Expoi 1 H7 2 H7 2 H7 3 76 4 76 5 40 6 22 7 22 8 22	65 kV 000 kV 000 kV 000 kV 000 kV 000 kV 20 kV 20 kV 220 kV 232 kV 332 kV 332 kV 352 kV 365 kV 000 kV 1VDC 65 kV 65 kV 65 kV 66 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI ZERDA-BHINMAL VINDHYACHAL-RIHAND RAPP-SHILJALPIR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA MALANPUR-AURAHYA BHADAWATI B/B RAIGHT-LALITPUR WITH SRI BHADRAWATI B/B RAIGHT-BUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHA	2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2	0 242 479 959 294 0 0 123 100 0 123 100 0 572 1350 0 0 1440 0 0 CHANGES Name PURDIAR 1,283 i.e. mMANGDECHU HEP 4 (& 400W MAL BASE- CEIPT (from TALA HEP 182 i (& 230W MAL BASE- CEIPT (from CHUKHA HEP 11 TANAKPURNHPC) HAR) FFARPUR I&2	2581 0 131 0 479 0 479 0 0 0 479 0 0 0 WR-NR 1009 WR-NR 1009 0 0 WR-NR 1009 175 WR-SR Max (MW) 0 176 0 176 0 176 176 177 178 179 179 176 175 176 177 177 178 178 178 178 179 179 176 177 177 178 178 178 178 178 179 179 170 170 170 170 170 170 170 170 170 170	0.0 3.3 4.1 22.0 1.7 0.0 0.0 1.1 1.6 0.0 84.0 0.0 84.0 0.0 3.5 0.0 20.3 0.0 1.3 25.1 Min (MW) 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	32.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-32.7 3.3 4.1 22.0 -0.8 0.0 -0.8 0.0 -1.9 1.1 1.6 0.0 -1.06.2 -1.4.5 -2.3.5 -5.2 -3.4.6 20.3 0.0 1.3 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9