

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: 25th January 2023

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 24.01.2023.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24- 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 24th 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:	25-Jan-2023

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	51224	58508	43918	21634	2729	178013
Peak Shortage (MW)	263	0	0	346	0	609
Energy Met (MU)	1110	1416	1060	448	48	4082
Hydro Gen (MU)	106	35	93	31	7	271
Wind Gen (MU)	28	90	45		-	164
Solar Gen (MU)*	92.88	50.00	93.96	2.24	0.78	240
Energy Shortage (MU)	2.30	0.00	0.00	3.23	0.00	5.53
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	57155	68806	54210	22015	2814	201226
Time Of Maximum Demand Met (From NLDC SCADA)	10:23	10:52	10:46	18:19	17:54	10:46

Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.088	0.75	3.36	13.15	17.25	60.86	21.88
C Power Suppl	ly Position in States						

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the day(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortag (MU)
	Punjab	7791	0	146.0	44.0	-2.4	83	0.50
	Harvana	7133	0	139.7	84.9	0.2	241	0.41
	Rajasthan	16931	0	306.2	101.9	-3,3	216	0.00
	Delhi	4380	0	74.8	67.6	-2.1	151	0.00
NR	UP	17073	0	296.9	66.3	-0.7	470	0.48
	Uttarakhand	2205	0	42.4	34.3	-0.6	103	0.72
	HP	1968	0	35.1	28.9	-0.3	124	0,00
	J&K(UT) & Ladakh(UT)	2959	0	64.9	62.3	-1.9	85	0.19
	Chandigarh	275	0	4.5	4.6	-0.1	30	0.00
	Chhattisgarh	5070	0	108.2	56.2	0.4	189	0.00
	Gujarat	18416	0	385.1	186.2	-0.5	766	0.00
	MP	15481	0	301.7	187.5	0.0	184	0.00
WR	Maharashtra	27631	0	551.4	170.6	-0.3	578	0.00
	Goa	633	0	12.7	12.2	0.3	39	0.00
	DNHDDPDCL	1213	0	27.9	28.1	-0.2	45	0.00
	AMNSIL	772	0	17.1	9.8	0.4	280	0.00
	BALCO	516	0	12.3	12.3	0.0	10	0.00
	Andhra Pradesh	11119	0	204.2	71.0	-1.0	437	0.00
	Telangana	12028	0	220.6	80.0	1.1	944	0.00
SR	Karnataka	13916	0	250.1	81.4	0.8	828	0.00
	Kerala	3646	0	76.3	61.4	-0.4	181	0.00
	Tamil Nadu	15242	0	300.9	186.6	-1.1	849	0.00
	Puducherry	386	0	8.2	7.9	-0.4	25	0.00
	Bihar	4981	0	90.8	80.2	-1.6	190	0.48
	DVC	3599	0	74.6	-45.4	0.4	411	0.00
	Jharkhand	1561	0	29.8	21.3	-0.8	159	2.74
ER	Odisha	5300	0	111.6	34.5	-2.4	164	0.00
	West Bengal	7231	0	139.0	11.8	-2.5	424	0.00
	Sikkim	130	0	2.0	2.0	0.0	16	0.00
	Arunachal Pradesh	153	0	2.3	2.5	-0.3	13	0.00
	Assam	1562	0	26.8	20.7	-0.4	113	0.00
	Manipur	240	0	3.4	3.5	-0.1	25	0.00
NER	Meghalaya	387	0	7.2	6.3	-0.1	30	0.00
	Mizoram	146	0	2.0	1.8	-0.4	8	0.00
	Nagaland	143	0	2.1	2.1	0.0	27	0.00
	Tripura	238	0	3.9	2.2	-0.1	29	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	-2.6	-11.4	-22.0
Day Peak (MW)	-273.7	-505.8	-1051.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	146.1	-111.1	117.7	-152.7	0.0	0.0
Actual(MU)	138.9	-110.9	125.3	-159.0	0.3	-5.5
O/D/U/D(MU)	-7.3	0.2	7.6	-6.2	0.3	-5.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7388	13551	7758	2095	654	31445	50
State Sector	8185	14216	5696	2830	98	31025	50
Total	15573	27767	13454	4925	752	62470	100

G. Sourcewise generation (Gross) (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	749	1394	621	662	15	3441	77
Lignite	30	22	48	0	0	100	2
Hydro	106	35	93	31	7	271	6
Nuclear	26	37	76	0	0	140	3
Gas, Naptha & Diesel	13	3	5	0	31	52	1
RES (Wind, Solar, Biomass & Others)	148	142	161	2	1	454	10
Total	1071	1633	1005	695	54	4458	100
							•
Share of RES in total generation (%)	13.81	8.69	16.00	0.32	1.43	10.17	i

Share of RES in total generation (%)	13.81	8.69	16.00	0.32	1.43	10.17
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	26.13	13.11	32.81	4.71	14.10	19.38
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H. All India Demand Diversity Factor

Based on Regional Max Demands	1.019
Based on State Max Demands	1.056

Described on State Para Definance

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: 25-Jan-2023

Sl No							Date of Reporting:	25-Jan-2023
	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
T			nor or circuit	max import (mm)	mux Export (mm)	Import (STC)		ner (ne)
	ort/Export of ER (1 0	0		0.0	
2		ALIPURDUAR-AGRA PUSAULI B/B	2	0	296	0.0	6.6	0.0 -6.6
3	765 kV	GAYA-VARANASI	2	120	798	0.0	11.0	-11.0
4	765 kV	SASARAM-FATEHPUR	1	0	451	0.0	7.5	-7.5
- 5		GAYA-BALIA	1	0	694	0.0	9.7	-9.7
7		PUSAULI-VARANASI PUSAULI-ALI AHABAD		0	210 153	0.0	3.8 2.8	-3.8 -2.8
8		MUZAFFARPUR-GORAKHPUR	2	0	627	0.0	7.8	-7.8
9	400 kV	PATNA-BALIA	2	Ö	647	0.0	11.1	-11.1
10	400 kV	NAUBATPUR-BALIA	2	0	701	0.0	12.1	-12.1
11		BIHARSHARIFF-BALIA	2	0	350	0.0	5.1 7.3	-5.1
12 13	400 kV 400 kV	MOTIHARI-GORAKHPUR BIHARSHARIFF-VARANASI	2	0 35	502 325	0.0	4.2	-7.3 -4.2
14	220 kV	SAHUPURI-KARAMNASA	1	30	113	0.0	1.1	-1.1
15		NAGAR UNTARI-RIHAND	î	0	0	0.0	0.0	0.0
16		GARWAH-RIHAND	1	25	0	0.4	0.0	0.4
17		KARMANASA-SAHUPURI	1	3	49	0.0	0.0	0.0
18	132 KV	KARMANASA-CHANDAULI	· · · · · · · · · · · · · · · · · · ·		ER-NR	0.4	90.0	-89.6
Impo	ort/Export of ER (With WR)			I-M-TIK	V. 4	70.0	-07.0
		JHARSUGUDA-DHARAMJAIGARH	4	372	567	0.0	0.1	-0.1
1								
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	319	863	0.0	3.8	-3.8
3	765 kV	JHARSUGUDA-DURG	2	0	549	0.0	9.5	-9.5
4	400 kV	JHARSUGUDA-RAIGARH	4	0	712	0.0	9.8	-9.8
5		RANCHI-SIPAT	2	67	342	0.0	2.3	-2.3
6	220 kV	BUDHIPADAR-RAIGARH	1	0	227	0.0	3.6	-3.6
7	220 kV	BUDHIPADAR-KORBA	2	81	135	0.0	1.0	-1.0
					ER-WR	0.0	30.1	-30.1
Impor	ort/Export of ER (With SR)						
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	274	0.0	6.0	-6.0
2		TALCHER-KOLAR BIPOLE	2	Ö	1983	0.0	40.1	-40.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	3021	0.0	53.9	-53.9
4	400 kV	TALCHER-I/C	2	303	233	3.6	0.0	3.6
5	220 kV	BALIMELA-UPPER-SILERRU	1	0	0	0.0	0.0	0.0
					ER-SR	0.0	100.1	-100.1
Impor	ort/Export of ER (With NER)						
1		BINAGURI-BONGAIGAON	2	166	6	1.8	0.0	1.8
2		ALIPURDUAR-BONGAIGAON	2	604	0	7.4	0.0	7.4
3	220 kV	ALIPURDUAR-SALAKATI	2	58	0	0.8	0.0	0.8
					ER-NER	10.0	0.0	10.0
	ort/Export of NER							
1	HVDC	BISWANATH CHARIALI-AGRA	2	465	0	11.0	0.0	11.0
<u> </u>					NER-NR	11.0	0.0	11.0
	ort/Export of WR (
1		CHAMPA-KURUKSHETRA	2	0	1757	0.0	33.2	-33.2
2	HVDC	VINDHYACHAL B/B	-	203	0	6.1	0.0	6.1
3		MUNDRA-MOHINDERGARH	2	0	0	0.0	0.0	0.0
4		GWALIOR-AGRA	2	201	1472	0.0	15.3	-15.3
- 5		GWALIOR-PHAGI	2	0	2045	0.0	31.5	-31.5
6		JABALPUR-ORAI	2	0	923	0.0	20.9	-20.9
7		GWALIOR-ORAI	1	797	0	14.9	0.0	14.9
8		SATNA-ORAI	1	0	1044	0.0	18.5	-18.5
9	765 kV	BANASKANTHA-CHITORGARH	2	2285	0	27.6	0.0	27.6
10		VINDHYACHAL-VARANASI	2	0	2166	0.0	30.4	-30.4
-11		ZERDA-KANKROLI	1	355	0	3.7	0.0	3.7
12	400 kV	ZERDA -BHINMAL	1	467	10	4.7	0.0	4.7
13	400 kV	VINDHYACHAL -RIHAND	1	960	0	21.6	0.0	21.6
14		RAPP-SHUJALPUR	2	400	456	1.2	0.0	1.2
15		BHANPURA-RANPUR	1	0				
16	220 kV				0	0.0	0.0	0.0
17	220 K V	BHANPURA-MORAK	1	0	30	0.0	0.9	0.0 -0.9
			1 1	0 116			0.9 0.0	
18	220 kV 220 kV	BHANPURA-MORAK	1 1 1		30	0.0	0.9 0.0 0.0	-0.9
19	220 kV 220 kV 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 1	116 94 0	30	0.0 1.0 1.4 0.0	0.9 0.0 0.0 0.0	-0.9 1.0 1.4 0.0
	220 kV 220 kV 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	1 1	116 94	30 0 0 0 0	0.0 1.0 1.4 0.0 0.0	0.9 0.0 0.0 0.0 0.0	-0.9 1.0 1.4 0.0
19 20	220 kV 220 kV 132 kV 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1 1 1	116 94 0	30 0 0 0	0.0 1.0 1.4 0.0	0.9 0.0 0.0 0.0	-0.9 1.0 1.4 0.0
19 20 Impor	220 kV 220 kV 132 kV 132 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 1 1	116 94 0 0	30 0 0 0 0 0 WR-NR	0.0 1.0 1.4 0.0 0.0 82.2	0.9 0.0 0.0 0.0 0.0 0.0 150.8	-0.9 1.0 1.4 0.0 0.0 -68.7
19 20 Impor	220 kV 220 kV 132 kV 132 kV ort/Export of WR (BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B	1 1 1 2	116 94 0 0	30 0 0 0 0 WR-NR	0.0 1.0 1.4 0.0 0.0 82.2	0.9 0.0 0.0 0.0 0.0 150.8	-0.9 1.0 1.4 0.0 0.0 -68.7
19 20 Impor 1 2	220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGARH-PUGALUR	1 1 1 2	116 94 0 0	30 0 0 0 0 WR-NR	0.0 1.0 1.4 0.0 0.0 82.2	0.9 0.0 0.0 0.0 0.0 150.8	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2
19 20 Impor 1 2 3	220 kV 220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR	1 1 1 2 2	116 94 0 0	30 0 0 0 0 WR-NR 1009 3507 1973	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0
19 20 Impor 1 2 3 4	220 kV 220 kV 132 kV 132 kV 17 kV 18 hVDC 19 hVDC 19 hVDC 19 hVDC 19 hVDC 19 hVDC 19 hVDC 19 hVDC 19 hVDC	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 1 1 2	116 94 0 0 0 930 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5
19 20 Impor 1 2 3 4 5	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 1 2 2 2 2 2 2 2	116 94 0 0 0 0 930 0 1332	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2
19 20 Impor 1 2 3 4 5	220 kV 220 kV 132 kV 132 kV 132 kV 14VDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 1 2	116 94 0 0 0 0 0 930 0 1332 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	1 1 1 2 2 2 2 2 2 2	116 94 0 0 0 0 0 930 930 0 1332 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0
19 20 Impor 1 2 3 4 5	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	1 1 1 2 2 2 2 2 2 2	116 94 0 0 0 0 0 930 0 1332 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 2 2 2 2 2 2 2 2 2 2 1 1	116 94 0 0 0 0 0 0 930 0 1332 0 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 22.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -0.0 -72.1
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 2 2 2 2 2 2 2	116 94 0 0 0 0 0 0 930 0 1332 0 0	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 22.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve)
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	1 1 1 2 2 2 2 2 2 2 2 2 2 1 1	116 94 0 0 0 0 10 10 10 10 10 10 10 10 10 10 1	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 22.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -0.0 -72.1 +ve)/Export(-ve) Energy Exchange
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-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 KOLHAPUR-KUDGI KOLHAPUR-KUDGI XELDEM-AMBEWADI XELDEM-AMBEWADI IN	1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX.	116 94 0 0 0 0 0 1332 0 0 1332 0 0 CHANGES Name	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 IMPORTING AVG (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -7.2.1 +ve//Export(-ve) Energy Exchange
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMARAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-AWBEWADI XELDEM-AMBEWADI	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 94 0 0 0 0 0 1332 0 0 1332 0 0 CHANGES Name	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 150.8	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -0.0 -72.1 +vey Export(-ve) Energy Exchange
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-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 KOLHAPUR-KUDGI KOLHAPUR-KUDGI XELDEM-AMBEWADI XELDEM-AMBEWADI IN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 94 0 0 0 0 930 0 930 0 0 1332 0 0 0 CHANGES Name	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 IMPORTING AVG (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -7.2.1 +ve//Export(-ve) Energy Exchange
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	- 1 1 1 1 1 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EXITERINATIONAL EX	116 94 0 0 0 0 0 10 0 1332 0 0 1332 0 0 CHANGES Name PURDIAR I Z& 3 LE. om MANGBECHU HEP 4 (& 400KY MALEASE:	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 11.4 30.2 18.0 32.5 0.0 0.0 0.0 0.0 4vg (MW)	-0.9 1.0 1.1 1.0 1.1 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MITh
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-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 KOLHAPUR-KUDGI KOLHAPUR-KUDGI XELDEM-AMBEWADI XELDEM-AMBEWADI IN	1	116 94 0 0 0 0 0 10 10 10 10 10 10 10 10 10 10	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 IMPORTING AVG (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -7.2.1 +ve//Export(-ve) Energy Exchange
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER		116 94 0 0 0 0 0 1332 0 0 CHANGES Name PURDUAR 1,243 Le. mMANGDECHU HEP 4 (& 400KV MALBASE - RECEIPT (from TALA HEP) 182 (& 220KV MALBASE -	30 0 0 0 WR-NR 1009 3507 1973 2112 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0 0.0 0.0 150.8 Import	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MII) -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 1400 tV 150 kV 150 kV 1	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	1	116 94 0 0 0 0 0 1332 0 0 CHANGES Name PURDUAR 1,243 Le. mMANGDECHU HEP 4 (& 400KV MALBASE - RECEIPT (from TALA HEP) 182 (& 220KV MALBASE -	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 11.4 30.2 18.0 32.5 0.0 0.0 0.0 0.0 4vg (MW)	-0.9 1.0 1.1 1.0 1.1 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MITh
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116. 94	30 0 0 0 WR-NR 1009 3507 1973 2112 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 32.5 0.0 0.0 0.0 0.0 0.0 0.0 51 Import(Avg (MW)	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MID -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	1	116. 94	30 0 0 0 WR-NR 1009 3507 1973 2112 0 0 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0 0.0 0.0 150.8 Import	-0.9 1.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MID -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 32.5 0.0 0.0 0.0 0.0 0.0 0.0 51 Import(Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MIL -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 32.5 0.0 0.0 0.0 0.0 0.0 0.0 51 Import(Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange MIL -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BRAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	1	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR Max (MW)	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -7.2 -7.2 -7.2 -7.2 -1.67 -1.67
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400K MANGDECHHU-ALI 400K MANGD	116 94 0 0 0 0 0 1332 0 0 13332 0 0 0 CHANGES Name PURDUAR 1,283 1.e. 00 MANGBEGHU HEP 4 (& 400KV MALBASE- ECELPT (from TALA HEP) 11 12 12 12 12 12 12 12 12 12 12 12 12 1	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR Max (MW) 0	0.0 1.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 13.0.2 18.0 22.5 0.0 0.0 0.0 0.0 0.0 92.2 Import Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MI) -1.67 1.42 -1.86 -0.35
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B BRAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	1	116 94 0 0 0 0 0 1332 0 0 13332 0 0 0 CHANGES Name PURDUAR 1,283 1.e. 00 MANGBEGHU HEP 4 (& 400KV MALBASE- ECELPT (from TALA HEP) 11 12 12 12 12 12 12 12 12 12 12 12 12 1	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR Max (MW)	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MU) -1.67 -1.42 -1.86 -0.35
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV brt/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV State	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORNAGURI LE MENAGURI LE JORNAGURI LE MENAGURI LE JORNAGURI LE MENAGURI LE JORNAGURI LE JORNA	116 94 0 0 0 0 0 1332 0 0 13332 0 0 0 CHANGES Name PURDUAR 1,283 Le. 0 MANGDECHU HEP 4/6 4/60W MAIL RASE. ECEPT (from TALA HEP 182 (8 230W MAIL RASE.	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR Max (MW) 0 200 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 150.8 11.4 4 -60	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MIT) -1.86 -0.35 -0.10 -1.43
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 132 kV 182 kV 182 kV 184 kV 185 kV 185 kV 185 kV 220 kV 220 kV 220 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400K MANGDECHHU-ALI 400K MANGD	116 94 0 0 0 0 0 1332 0 0 13332 0 0 0 CHANGES Name PURDUAR 1,283 Le. 0 MANGDECHU HEP 4/6 4/60W MAIL RASE. ECEPT (from TALA HEP 182 (8 230W MAIL RASE.	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR Max (MW) 0	0.0 1.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 13.0.2 18.0 22.5 0.0 0.0 0.0 0.0 0.0 92.2 Import Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 20.2 0.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MIT) -1.67 1.42 -1.86 -0.35
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR Max (MW) 0 200 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 150.8 11.4 4 -60	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MIT) -1.86 -0.35 -0.10 -1.43
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARB-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORN MANGDECHHU-ALI JORNAGURI LE MENAGURI LE JORNAGURI LE MENAGURI LE JORNAGURI LE MENAGURI LE JORNAGURI LE JORNA	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR Max (MW) 0 200 0	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 150.8 11.4 4 -60	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MIT) -1.67 -1.42 -1.86 -0.35
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI FONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116. 94	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR 40 100 100 100 100 100 100 100 100 100	0.0 1.0 1.4 0.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.9 -1.0 -1.4 -0.0 -1.4 -0.0 -0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 -0.0 -0.0 -72.1 -1.2 -1.67 -1.67 -1.42 -1.86 -0.35 -0.10 -1.43 -1.43
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI FONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER ER NER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 94 0 0 0 0 10 10 10 10 10 10 1332 0 0 1332 0 0 0 CHANGES Name PURDUAR 1283 IA: 00 0 1332 1332 10 10 10 10 10 11 11 11 11 11 11 11 11	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 88 WR-SR 40 100 100 100 100 100 100 100 100 100	0.0 1.0 1.4 0.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.9 -0.1 -0.1 -0.1 -0.0 -0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 -0.0 -0.0 -72.1 -12.1 -12.1 -1.67 -1.42 -1.86 -0.35 -0.10 -1.43 -1.43
19 20 Impor 1 2 3 4 5 6	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 100AV MANO, DECHINIC	116 94 0 0 0 0 10 10 10 10 10 10 1332 0 0 1332 0 0 0 CHANGES Name PURDUAR 1283 IA: 00 0 1332 1332 10 10 10 10 10 11 11 11 11 11 11 11 11	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR WR-SR 10 10 10 10 10 10 10 11 15 -74 -110	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0 0.0 92.2 Import Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -18.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MID) -1.67 -1.42 -1.86 -0.10 -1.43 -2.06 -7.88
19 20 Impor 1 1 2 3 4 4 5 6 7 8	220 kV 220 kV 132 kV 132 kV 132 kV 140 kV 140 kV 155 kV 165 kV 165 kV 160 kV 16	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR (With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER ER ER ER ER ER ER E	TERNATIONAL EX 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400K MANUBECHHU-ALI 400K MANUBECHHU-ALI 410K MAHENDRANAGAR 132KV MAHENDRANAGAR NEPAL IMPORT (FROM BI 400KV DHALKEBAR-MUZA BHERAMARA BB HVDC (R	116 94 0 0 0 0 0 10 10 10 10 10 10 10 10 1332 0 10 1332 0 0 13332 0 10 1332 1332	30 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 88 WR-SR 40 118 15 -74 -110 -322 -929	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 13.0.2 18.0 18.0 0.0 0.0 0.0 0.0 0.0 0.0 150.8 11.4 11.4 11.4 11.4 11.4 11.4 11.4 11	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -32.5 -20.2 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MI) -1.67 1.42 -1.86 -0.35 -0.10 -1.43 -2.06 -7.88
19 20 Import 1 2 3 4 4 5 6 6 7 8	220 kV 220 kV 132 kV 132 kV 220 kV 240 kV 250 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV 260 kV	BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR) BHADRAWATI B/B RAJGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 400AV MANO, DECHINICALI 100AV MANO, DECHINIC	116 94 0 0 0 0 0 10 10 10 10 10 10 10 10 1332 0 10 1332 0 0 13332 0 10 1332 1332	30 0 0 0 0 0 WR-NR 1009 3507 1973 2112 0 0 0 WR-SR WR-SR 10 10 10 10 10 10 10 11 15 -74 -110	0.0 1.0 1.4 0.0 0.0 82.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.9 0.0 0.0 0.0 0.0 150.8 11.4 30.2 18.0 32.5 0.0 0.0 0.0 92.2 Import Avg (MW)	-0.9 1.0 1.4 0.0 1.4 0.0 0.0 -68.7 -11.4 -30.2 -18.0 -18.0 0.0 0.0 -72.1 +ve)/Export(-ve) Energy Exchange (MID) -1.67 -1.42 -1.86 -0.10 -1.43 -2.06 -7.88