

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

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 02ndApril 2022

To,

- 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 01.04.2022.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-अप्रैल-2022 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध है |

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 01st April 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: 02-Apr-202

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	53636	59709	47201	24107	2466	187119
Peak Shortage (MW)	510	0	35	265	0	810
Energy Met (MU)	1176	1444	1252	520	48	4440
Hydro Gen (MU)	172	51	90	57	20	391
Wind Gen (MU)	11	66	42	-	-	119
Solar Gen (MU)*	101.79	49.04	106.69	4.97	0.35	263
Energy Shortage (MU)	4.65	0.25	0.74	4.21	0.00	9.85
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	54752	62545	60814	24462	2626	198477
Time Of Maximum Demand Met (From NLDC SCADA)	19:43	15:34	11:49	19:11	18:35	10:56

B. Frequency Profile (%)

Region FVI < 49.7 49.7 49.8 49.8 49.9 < 49.9 49.9 50.05 > 50.05

All India 0.025 0.00 0.00 1.12 1.12 79.40 19.48

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		day(MW)	Demand(MW)	, ,	(MU)	(-/	, ,	(MU)
	Punjab	7259	0	156.2	50.6	-1.2	116	0.00
	Haryana	6724	0	143.5	90.8	-1.4	174	0.00
	Rajasthan	11682	0	243.4	42.9	-2.5	359	0.00
	Delhi	4416	0	93.2	82.4	-1.0	115	0.00
NR	UP	20612	0	416.6	168.1	-0.4	454	0.00
	Uttarakhand	1836	0	39.3	24.3	-0.3	122	0.00
	HP	1591	0	31.3	12.3	0.0	195	0.00
	J&K(UT) & Ladakh(UT)	2124	250	47.8	35.2	-0.2	228	4.65
	Chandigarh	214	0	4.3	4.7	-0.4	17	0.00
	Chhattisgarh	5053	0	120.4	54.4	0.5	234	0.00
	Gujarat	18914	0	417.2	209.3	-0.8	432	0.00
	MP	12451	0	259.8	133.4	-1.2	652	0.00
WR	Maharashtra	26555	0	590.6	171.0	0.5	867	0.25
	Goa	676	0	14.8	14.3	0.2	45	0.00
	DD	307	0	7.0	6.8	0.2	52	0.00
	DNH	786	0	18.2	17.5	0.7	115	0.00
	AMNSIL	766	0	15.6	9.9	-0.3	267	0.00
	Andhra Pradesh	12021	244	234.5	110.5	3.6	868	0.74
	Telangana	13580	0	274.0	138.4	-0.8	475	0.00
SR	Karnataka	14465	0	276.2	78.3	0.8	753	0.00
	Kerala	4057	0	89.0	56.4	0.3	220	0.00
	Tamil Nadu	16939	0	368.9	245.8	-1.1	553	0.00
	Puducherry	425	0	9.3	9.8	-0.6	29	0.00
	Bihar	5931	0	115.3	108.9	-1.7	238	0.80
	DVC	3600	0	76.2	-49.5	-0.7	203	0.00
	Jharkhand	1661	0	31.2	27.1	-1.1	187	3.41
ER	Odisha	5029	0	111.2	45.6	0.5	445	0.00
	West Bengal	8916	0	184.4	47.7	-0.6	587	0.00
	Sikkim	113	Õ	1.7	1.6	0.1	72	0.00
	Arunachal Pradesh	126	0	2.2	2.6	-0.5	25	0.00
	Assam	1480	0	27.7	22.9	0.4	79	0.00
	Manipur	202	0	2.7	2.6	0.1	22	0.00
NER	Meghalaya	354	Ö	6.4	3.4	0.2	52	0.00
	Mizoram	116	Ö	1.9	1.6	0.0	13	0.00
	Nagaland	139	0	2.4	2.3	0.1	12	0.00
	Tripura	271	0	4.7	4.3	-0.6	19	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	15.2	-6.5	-25.9
Day Peak (MW)	873.0	-628.7	-1095.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	92.8	-197.7	227.8	-114.3	-8.7	0.0
Actual(MU)	71.1	-185.4	229.7	-109.2	-5.2	1.0
O/D/U/D(MU)	-21.7	12.3	1.9	5.1	3.5	1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3810	11602	6068	2281	560	24321	46
State Sector	8739	12918	5222	1938	11	28827	54
Total	12549	24520	11290	4219	571	53148	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	735	1439	663	603	12	3452	76
Lignite	18	12	49	0	0	79	2
Hydro	172	51	90	57	20	391	9
Nuclear	32	33	47	0	0	112	2
Gas, Naptha & Diesel	20	7	8	0	27	62	1
RES (Wind, Solar, Biomass & Others)	147	115	184	5	0	451	10
Total	1125	1657	1041	665	59	4547	100
Share of RES in total generation (%)	13.09	6,95	17.66	0.74	0.59	9,93	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	31.21	12.04	30.87	9.30	34.32	20.98	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.034
Based on State Max Demands	1.065

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

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 02-Apr-2022

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SI	V-14 I1	Line Detelle	N 6 Cl14	Max Import (MW)	M F (MIII)	I AIID	Date of Reporting:	
No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
	ort/Export of ER (1					1
1		ALIPURDUAR-AGRA	2	0	0	0.0	0.0	0.0
3		PUSAULI B/B	- :	3	0	0.0	0.0 0.7	0.0
4		GAYA-VARANASI SASARAM-FATEHPUR	1	260 0	233 275	0.0	4.6	-0.7 -4.6
5		GAYA-BALIA	i	Ů	544	0.0	10.0	-10.0
6		PUSAULI-VARANASI	1	5	78	0.0	0.8	-0.8
7	400 kV	PUSAULI -ALLAHABAD	1	30	80	0.0	0.2	-0.2
8		MUZAFFARPUR-GORAKHPUR	2	218	800	0.0	4.9	-4.9
9 10		PATNA-BALIA NAUBATPUR-BALIA	2	6 24	474 515	0.0	6.2 6.7	-6.2 -6.7
11		BIHARSHARIFF-BALIA	2	195	395	0.0	2.6	-2.6
12		MOTIHARI-GORAKHPUR	2	83	273	0.0	3.2	-3.2
13	400 kV	BIHARSHARIFF-VARANASI	2	96	148	0.0	0.9	-0.9
14		SAHUPURI-KARAMNASA	1	0	162	0.0	2.6	-2.6
15		NAGAR UNTARI-RIHAND	1	0	0	0.0	0.0	0.0
16 17		GARWAH-RIHAND KARMANASA-SAHUPURI		25 0	0	0.4	0.0	0.4
18		KARMANASA-CHANDAULI	i	0	0	0.0	0.0	0.0
					ER-NR	0.4	43.5	-43.2
Impo	ort/Export of ER (With WR)						
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	647	0	9.5	0.0	9.5
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	886	177	7.8	0.0	7.8
3	765 kV	JHARSUGUDA-DURG	2	0	377	0.0	5.0	-5.0
4	400 kV	JHARSUGUDA-RAIGARH	4	0	332	0.0	5.9	-5.9
5		RANCHI-SIPAT	2	175	113	0.7	0.0	0.7
6		BUDHIPADAR-RAIGARH	1	0	186	0.0	3.1	-3.1
7		BUDHIPADAR-KORBA	2	86	0	1.4	0.0	1.4
	220 K V	DODINI ADAR-RORDA	1 4	00	ER-WR	19.4	14.0	5.5
Impo	ort/Export of ER (With SR)			EA-WK	17.4	1-1.0	. 3.3
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	713	0.0	15.2	-15.2
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1989	0.0	48.1	-48.1
3	765 kV	ANGUL-SRIKAKULAM	2	0	2955	0.0	56.5	-56.5
4	400 kV	TALCHER-I/C	2	0	165	0.0	3.0	-3.0
_5	220 kV	BALIMELA-UPPER-SILERRU	1	1	0 ER-SR	0.0	0.0 119.9	0.0 -119.9
Impo	ort/Export of ER (With NER)			EK-5K	0.0	117.7	-117.7
1		BINAGURI-BONGAIGAON	2	248	67	1.8	0.1	1.7
2	400 kV	ALIPURDUAR-BONGAIGAON	2	315	132	1.6	0.0	1.6
3	220 kV	ALIPURDUAR-SALAKATI	2	53	29	0.3	0.0	0.3
T	ort/Evnant of NES	(With ND)			ER-NER	3.6	0.1	3.5
1mpo	ort/Export of NER HVDC	(With NR) BISWANATH CHARIALI-AGRA	2	0	353	0.0	8.4	-8.4
	HVDC	DISWANATH CHARIALI-AGRA		L V	NER-NR	0.0	8.4	-8.4 -8.4
Impo	ort/Export of WR (With NR)			112211121	0.0		-0.4
1		CHAMPA-KURUKSHETRA	2	0	616	0.0	14.4	-14.4
2		VINDHYACHAL B/B	-	447	0	12.1	0.0	12.1
3		MUNDRA-MOHINDERGARH	2	0	251	0.0	6.2	-6.2
4		GWALIOR-AGRA	2	0	1309	0.0	14.8	-14.8
6		GWALIOR-PHAGI JABALPUR-ORAI	2	311 44	1035	0.5 0.0	13.7 14.0	-13.2
7		GWALIOR-ORAI	1	661	667 0	11.1	0.0	-14.0 11.1
8		SATNA-ORAI	1	0	839	0.0	16.6	-16.6
9		BANASKANTHA-CHITORGARH	2	1881	0	31.5	0.0	31.5
10		VINDHYACHAL-VARANASI	2	0	2580	0.0	45.6	-45.6
11		ZERDA-KANKROLI	1	465	0	7.6	0.0	7.6
12		ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	638 964	0	9.8 21.8	0.0	9.8 21.8
14		RAPP-SHUJALPUR	2	645	75	6.0	0.0	6.0
15		BHANPURA-RANPUR	1	0	0	0.0	0.0	0.0
16		BHANPURA-MORAK	1	0	30	0.0	0.0	0.0
17				130	0	1.2		1.2
18		MEHGAON-AURAIYA	1			1.2	0.0	
19 20	220 kV	MALANPUR-AURAIYA	1	88	0	2.0	0.0	2.0
	132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1 1 2	0	0	2.0 0.0	0.0	2.0 0.0
20	132 kV	MALANPUR-AURAIYA	1 1 1 2		0 0	2.0 0.0 0.0	0.0 0.0 0.0	2.0 0.0 0.0
	132 kV 132 kV ort/Export of WR (MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	•	0	0	2.0 0.0	0.0 0.0 0.0 125.3	2.0 0.0
Impo	132 kV 132 kV ort/Export of WR (HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	2	0 0	0 0 0 WR-NR	2.0 0.0 0.0 103.6	0.0 0.0 0.0 125.3	2.0 0.0 0.0 -21.6
Impo 1 2	132 kV 132 kV ort/Export of WR (HVDC HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2 - 2	0 0	0 0 0 WR-NR 1019 6028	2.0 0.0 0.0 103.6	0.0 0.0 0.0 125.3	2.0 0.0 0.0 -21.6 -19.7 -98.6
Impo 1 2 3	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 - 2 2 2	0 0 0 0 0 276	0 0 WR-NR 1019 6028 1691	2.0 0.0 0.0 103.6 0.0 0.0 0.2	0.0 0.0 0.0 125.3 19.7 98.6 17.0	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8
1 2 3 4	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV	MALANPUR-AURAIYA GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2 2 2 2	0 0 0 0 276 0	0 0 WR-NR 1019 6028 1691 3100	2.0 0.0 0.0 103.6 0.0 0.0 0.2	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4
Impo 1 2 3	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHARN BHARNAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 - 2 2 2	0 0 0 0 0 276	0 0 WR-NR 1019 6028 1691	2.0 0.0 0.0 103.6 0.0 0.0 0.2	0.0 0.0 0.0 125.3 19.7 98.6 17.0	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8
Impo 1 2 3 4 5	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAJGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2 2 2 2 2	0 0 0 0 276 0 1367	0 0 WR-NR 1019 6028 1691 3100 0	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5
Impo 1 2 3 4 5 6	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHARN BHARNAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2	0 0 0 276 0 1367 0	0 0 0 WR-NR 1019 6028 1691 3100 0 0	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.2 0.0 22.5 0.0 0.0 0.0	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0
Impo 1 2 3 4 5 6	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	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	2 2 2 2 2 2 2 2 1	0 0 0 276 0 1367 0 0	0 0 0 WR-NR 1019 6028 1691 3100 0	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5 0.0	0.0 0.0 1.25.3 19.7 98.6 17.0 0.0 0.0 0.0 183.7	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -42.5 0.0 0.0 2.7 -158.3
Impo 1 2 3 4 5 6	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	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	2 2 2 2 2 2 2	0 0 0 276 0 1367 0 0	0 0 0 WR-NR 1019 6028 1691 3100 0 0	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.2 0.0 22.5 0.0 0.0 0.0	0.0 0.0 1.25.3 19.7 98.6 17.0 0.0 0.0 0.0 183.7	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve)
Impo 1 2 3 4 5 6	132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV	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	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX	0 0 0 276 0 1367 0 0 0	0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 0.0 2.2 2.7 2.7 2.5.4	0.0 0.0 1.25.3 19.7 98.6 17.0 0.0 0.0 0.0 183.7	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	0 0 0 276 0 1367 0 0 0 0 CHANGES	0 0 0 WR-NR 1019 6028 1691 3100 0 0	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.2 0.0 22.5 0.0 0.0 0.0	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 183.7	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve)
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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 IN Region	2 2 2 2 2 2 2 1 1 TERNATIONAL EX 400KV MANGDECHE	0 0 0 276 0 1367 0 0 0 CHANGES	0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5 0.0 0.0 0.0 0.0 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 0.0 183.7 Importe	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 -158.3 -+ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 1 1 TERNATIONAL EX TERNATIONAL EX 400kV MANGDECHE 1,243 i.e. ALIPURDU MANGDECHE HEP	0 0 0 276 0 1367 0 0 1367 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 4*180MW)	0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 0.0 2.2 2.7 2.7 2.5.4	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 183.7	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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 IN Region ER	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI L12-83 i.e. ALIPURDU MANGDECHI L12-84 JINAGI	0 0 276 0 1367 0 1367 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$180MW) URI 1,2,4 (8.400KV)	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 2.7 25.4 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW)	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 -158.3 -+ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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 IN Region	2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV TALA-BINAGI MALBASE, BINAGG	0 0 0 276 0 1367 0 0 1367 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180MW) UKI 1,2,4 (& 400kV) RID 1,6, BINAGURI	0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5 0.0 0.0 0.0 0.0 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 0.0 183.7 Importe	2.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 -158.3 -+ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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 IN Region ER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP / 400kV TALA BINAGI MALBASE - BINAGI MALBASE - BINAGI MECEJIPI (From TAL	0 0 276 0 1367 0 1367 0 0 0 1467 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{4}\$180MW) URI 1,2,4 (\$\frac{4}{4}\$00KV) RIR 1,6,5 BINAGURI A HEP (\$\frac{6}{1}\$10MW)	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 2.7 25.4 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW)	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	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 IN Region ER	2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 400KV TALA-BINAGI MALBASE, BINAGG	0	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 2.7 25.4 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW)	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	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 REGION ER ER	2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDEUTH 400kV MANGDEUTH 400kV MANGDEUTH 400kV MANGDEUTH MANGDEUTH 400kV MANG	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name AR RECEIPT (from 4*180MW) URI 1,2,4 (8*400kV) URI 1,2,4 (8*400kV) RI 1,6, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR Max (MW)	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5 0.0 0.0 22.7 25.4 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Import Avg (MW) 233	2.0 0.0 0.0 -21.6 -21.6 -29.86 -16.8 -48.4 -22.5 -0.0 -0.0 -158.3 -4ve)/Export(-ve)
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le. ALIPURDU MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL	0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{2}\$180MW) URI 1,2,4 (\$\frac{4}{2}\$40eV URI),E, BINAGURI A HEP (\$\frac{6}{2}\$10MW) PARA 1,8 2 (\$\frac{2}{2}\$20eV A) 1,E BIRPARA KHA HEP 4*84MW)	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR Max (MW)	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Imports Avg (MW) 233	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -0.0 -2.7 -158.3 +vey/Export(-ve) Energy Exchange (MU) 5.6 -8.2
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	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 REGION ER ER	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX DIDER 400KY MANGBECHI HEP- 400KY TALA BINAGI MALBASE - BINAGI MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{2}\$180MW) URI 1,2,4 (\$\frac{4}{2}\$40eV URI),E, BINAGURI A HEP (\$\frac{6}{2}\$10MW) PARA 1,8 2 (\$\frac{2}{2}\$20eV A) 1,E BIRPARA KHA HEP 4*84MW)	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR Max (MW)	2.0 0.0 0.0 103.6 0.0 0.0 0.2 0.0 22.5 0.0 0.0 22.7 25.4 Min (MW)	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Import Avg (MW) 233	2.0 0.0 0.0 -21.6 -21.6 -29.86 -16.8 -48.4 -22.5 -0.0 -0.0 -158.3 -4ve)/Export(-ve)
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le. ALIPURDU MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL	0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{2}\$180MW) URI 1,2,4 (\$\frac{4}{2}\$40eV URI),E, BINAGURI A HEP (\$\frac{6}{2}\$10MW) PARA 1,8 2 (\$\frac{2}{2}\$20eV A) 1,E BIRPARA KHA HEP 4*84MW)	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR Max (MW)	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Imports Avg (MW) 233	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -0.0 -2.7 -158.3 +vey/Export(-ve) Energy Exchange (MU) 5.6 -8.2
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 Le. ALIPURDU MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL	0 0 0 276 0 1367 0 1367 0 0 1467 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$^{4}\$80MW)} CRI 1,2,4 (& 400kV Right) Le BINAGURI A HEP (6 170MW) PARA 1 & 2 (& 2 2 2 2 8 W) A) Le BIRPARA KHA HEP 4*84MW) LAKATI	0 0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR Max (MW)	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Imports Avg (MW) 233	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -0.0 -2.7 -158.3 +vey/Export(-ve) Energy Exchange (MU) 5.6 -8.2
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	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 TER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP , 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R.	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name (U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ H20MW) URI)i.e. BINAGURI LER IL,24 (8. 400KV) RID i.e. BINAGURI A HEP (6** 1970MW) PARA I.e. BIRPARA KHA HEP 4**84MW) LAKATI	0 0 0 0 WR-NR 10019 6028 1691 3100 0 0 128 WR-SR Max (MW) 307 469	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.2 0.0 22.5 0.0 0.0 2.7 25.4 Min (MW) 171 251	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 2.7 -158.3 -+ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU MANGDECHH HEP 400kV TALA-BINAGI RECEIPT (from TAL 2,20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name (U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ H20MW) URI)i.e. BINAGURI LER IL,24 (8. 400KV) RID i.e. BINAGURI A HEP (6** 1970MW) PARA I.e. BIRPARA KHA HEP 4**84MW) LAKATI	0 0 0 WR-NR 1019 6028 1691 13100 0 0 128 WR-SR 1691 1310 1469 1311 25	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.2 0.0 0.0 2.7 25.4 Min (MW) 171 251 43	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 183.7 Import Avg (MW) 233 340 73	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MU) 5.6 8.2 1.8 -0.1
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	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 TER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP , 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R.	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name (U-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ H20MW) URI)i.e. BINAGURI LER IL,24 (8. 400KV) RID i.e. BINAGURI A HEP (6** 1970MW) PARA I.e. BIRPARA KHA HEP 4**84MW) LAKATI	0 0 0 0 WR-NR 10019 6028 1691 3100 0 0 128 WR-SR Max (MW) 307 469	2.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.2 0.0 22.5 0.0 0.0 2.7 25.4 Min (MW) 171 251	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 4 400kV MANGDECHH 1,2&3 i.e. ALIPURIU MANGDECHU HEP 4,00kV TALA-BINAGI MALBASE - BINAGI 132kV GHUKHBIPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MAHENDRAN TANAKPUR(NHPC)	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from #180MW) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) A HEP (6-170MW) PARA 182 (& 220KV A) Le. BIRPARA KHA HEP 4*84MW) LAKATI ANGIA	0 0 0 WR-NR 10019 6028 1691 3100 0 0 0 128 WR-SR Max (MW) 307 469 131 -11 25 -47	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 2.7 25.4 Min (MW) 171 251 43 -3	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1
Impo 1 2 3 4 5 6	132 kV 132 kV ert/Export of WR (HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU MANGDECHH HEP 400kV TALA-BINAGI RECEIPT (from TAL 2,20kV CHUKHA-BIR MALBASE - BIRPAR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from #180MW) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) A HEP (6-170MW) PARA 182 (& 220KV A) Le. BIRPARA KHA HEP 4*84MW) LAKATI ANGIA	0 0 0 WR-NR 1019 6028 1691 13100 0 0 128 WR-SR 1691 1310 1469 1311 25	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.2 0.0 0.0 2.7 25.4 Min (MW) 171 251 43	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 183.7 Import Avg (MW) 233 340 73	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MU) 5.6 8.2 1.8
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 4 400kV MANGDECHH 1,2&3 i.e. ALIPURIU MANGDECHU HEP 4,00kV TALA-BINAGI MALBASE - BINAGI 132kV GHUKHBIPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MAHENDRAN TANAKPUR(NHPC)	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name IL-ALIPURDUAR AR RECEIPT (from #180MW) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) LAKATI ANGIA ANGIA	0 0 0 WR-NR 10019 6028 1691 3100 0 0 0 128 WR-SR Max (MW) 307 469 131 -11 25 -47	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 2.7 25.4 Min (MW) 171 251 43 -3	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 2 1 2 1 1 1 TERNATIONAL EX 1 400kV MANGBECHE 1,2x3 i.e. ALIPURDU MANGBECHE 1,2x3 i.e. ALIPURDU MANGBECHE HEP 400kV TALA-BINAG RECEIPT (from TAL 250kV CHUKHA-BIR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	0	0 0 0 WR-NR 1019 6028 1691 0 0 0 0 128 WR-SR 1310 0 0 0 128 WR-SR 131	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.2 0.0 0.0 2.2.5 0.0 0.0 171 25.1 43 -3 9	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5 18	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 -2.7 -158.3 +ve) Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 0.4 -0.7
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 2 1 2 1 1 1 TERNATIONAL EX 1 400kV MANGBECHE 1,2x3 i.e. ALIPURDU MANGBECHE 1,2x3 i.e. ALIPURDU MANGBECHE HEP 400kV TALA-BINAG RECEIPT (from TAL 250kV CHUKHA-BIR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 CHANGES Name IL-ALIPURDUAR AR RECEIPT (from #180MW) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) URI 1,2,4 (& 400KV) LAKATI ANGIA ANGIA	0 0 0 WR-NR 10019 6028 1691 3100 0 0 0 128 WR-SR Max (MW) 307 469 131 -11 25 -47	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 0.0 2.7 25.4 Min (MW) 171 251 43 -3	0.0 0.0 0.0 125.3 19.7 98.6 17.0 0.0 0.0 0.0 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 ER ER ER NER NER NER NER NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 230kV CHUKHA-BIR RECEIPT (from TAL 132kV MOTANGA-R. 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR	0 0 0 276 0 1367 0 1367 0 0 1367 0 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from \$\frac{9}{4}\$* 180MW) USH 1,2,4 (\$\frac{9}{4}\$* 400KV) RI) i.e. BINAGURI A HEP (\$\frac{9}{4}\$* 190MW) PARA 1 8.2 (\$\frac{2}{2}\$* 20kV) A) i.e. BIRPARA ANGIA ANGI	0 0 0 WR-NR 1019 6028 1691 3100 0 0 128 WR-SR 1469 131 131 -11 25 -47 -342 -240	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43 -3 9 0 -21	0.0 0.0 0.0 125.3 19.7 98.6 17.0 98.6 17.0 0.0 0.0 0.0 0.0 183.7 Imports Avg (MW) 233 340 73 -5 18 -28	2.0 0.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 0.4 -0.7 -3.8
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP - 400kV TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 230kV CHUKHA-BIR RECEIPT (from TAL 132kV MOTANGA-R. 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR	0	0 0 0 WR-NR 1019 6028 1691 0 0 0 0 128 WR-SR 1310 0 0 0 128 WR-SR 131	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.2 0.0 0.0 2.2.5 0.0 0.0 171 25.1 43 -3 9	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5 18	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 -2.7 -158.3 +ve) Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 0.4 -0.7
Impo 1 2 3 4 5 6	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 ER ER ER NER NER NER NER NER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 2 2 1 1 1 TERNATIONAL EX 400KV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAG	0	0 0 0 WR-NR 1019 6028 1691 3100 0 0 128 WR-SR 1469 131 131 -11 25 -47 -342 -240	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43 -3 9 0 -21	0.0 0.0 0.0 125.3 19.7 98.6 17.0 98.6 17.0 0.0 0.0 0.0 0.0 183.7 Imports Avg (MW) 233 340 73 -5 18 -28	2.0 0.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 0.4 -0.7 -3.8
Impo 1 2 3 4 5 6 7 8	132 kV 132 kV 132 kV WEXPORT of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2k3 i.e. ALIPURNU MANGDECHE 1,2k3 i.e. ALIPURNU MANGDECHE 1,2k3 i.e. ALIPURNU 1,2k3 i.e. ALIPURNU 1,2k3 i.e. ALIPURNU 1,2k3 i.e. ALIPURNU 1,2k4 i.e. ALIPURNU 1,2k5 i.e. ALIPURNU 1,2k6 i.e. ALIPURNU 1,2k6 i.e. ALIPURNU 1,2k7 i.e. ALIPURNU 1,2k6 i.e.	0	0 0 0 WR-NR 1019 6028 1691 3100 0 0 128 WR-SR 1469 131 131 -11 25 -47 -342 -240	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 2.2.5 0.0 0.0 2.7 25.4 Min (MW) 171 251 43 -3 9 0 -21 32 -933	0.0 0.0 0.0 125.3 19.7 98.6 17.0 98.6 17.0 0.0 0.0 0.0 0.0 183.7 Imports Avg (MW) 233 340 73 -5 18 -28	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 -22.5 -0.0 -0.0 -2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 -0.7 -3.8
Impo 1 2 3 4 5 6 7 8	132 kV 132 kV 132 kV HVDC HVDC HVDC HVDC T65 kV 765 kV 400 kV 220 kV 220 kV State BHUTAN	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 ER ER ER NER NER NER NER NER	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 2 2 1 1 1 TERNATIONAL EX 400KV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400KV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAG	0	0 0 0 WR-NR 1019 6028 1691 3100 0 0 0 128 WR-SR 1691 317 317 307 469 131 -11 25 -47 -342 -240 -939	2.0 0.0 0.0 0.0 103.6 0.0 0.0 0.0 0.0 0.0 0.0 22.5 0.0 0.0 22.5 43 -3 9 0 -21	0.0 0.0 0.0 125.3 19.7 98.6 17.0 48.4 0.0 0.0 0.0 183.7 Import Avg (MW) 233 340 73 -5 18 -28 -157 -88	2.0 0.0 0.0 0.0 -21.6 -19.7 -98.6 -16.8 -48.4 22.5 0.0 0.0 2.7 -158.3 +ve)/Export(-ve) Energy Exchange (MII) 5.6 8.2 1.8 -0.1 0.4 -0.7 -3.8