

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:09th Oct 2021

To,

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

Sub: Daily PSP Report for the date 08.10.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-अक्टूबर-2021 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 08th October 2021, is available at the NLDC website.

धन्यवाद.

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day Date of Reporting: 09-Oct-2021

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	49484	52121	40648	22520	3109	167882
Peak Shortage (MW)	6213	834	0	1825	70	8942
Energy Met (MU)	1197	1202	952	489	60	3900
Hydro Gen (MU)	216	69	161	109	24	579
Wind Gen (MU)	6	17	72		-	95
Solar Gen (MU)*	63.51	39.70	83.01	4.74	0.24	191
Energy Shortage (MU)	84.70	3.09	4.11	21.34	0.50	113.74
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	54099	52932	45911	23306	3169	172419
Time Of Maximum Demand Met (From NLDC SCADA)	11:58	18:59	10:22	19:57	17:55	11:56

•		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the dav(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shorta; (MU)
	Punjab	8815	0	190.6	76.4	-0.5	246	8.88
	Haryana	8037	0	184.0	113.4	1.5	311	9.23
	Rajasthan	11479	2516	221.8	79.9	4.2	454	37.83
	Delhi	4839	0	103.8	70,3	-1.0	247	0.00
NR	UP	16557	190	371.9	155.6	1.2	367	22.17
	Uttarakhand	2066	0	39.2	17.1	2.3	289	3.14
	HP	1548	0	32.9	10.1	0.0	92	0.00
	J&K(UT) & Ladakh(UT)	2706	200	47.6	34.1	0.7	271	3.45
	Chandigarh	255	0	5.2	4.5	0.7	100	0.00
	Chhattisgarh	4138	0	98.3	53.9	2.1	556	2.08
	Gujarat	16126	0	359.6	200.9	1.7	623	0.65
	MP	10902	0	235.9	141.9	0.1	380	0.00
WR	Maharashtra	20302	0	450.3	139.8	-5.1	444	0.00
	Goa	595	40	13.4	12.3	0.6	38	0.12
	DD	335	0	7.5	6.7	0.8	86	0.24
	DNH	840	0	19.1	18.9	0.2	73	0.00
	AMNSIL	793	0	17.5	5.1	0.2	333	0.00
	Andhra Pradesh	8327	0	180.2	78.7	3.5	965	2.69
	Telangana	10759	0	210.1	46.9	-2.3	623	0.00
SR	Karnataka	8615	0	170.6	30.9	-2.9	849	0.20
	Kerala	3463	0	75.2	38.1	-0.1	288	1.22
	Tamil Nadu	14278	0	308.1	135.8	0.3	581	0.00
	Puducherry	385	0	8.2	8.2	0.0	43	0.00
	Bihar	5424	0	100.5	91.8	2.0	945	12.28
	DVC	3032	0	65.6	-20.1	1.2	438	1.33
	Jharkhand	1395	0	27.7	20.9	0.4	260	7.73
ER	Odisha	5748	0	117.0	32.4	-1.3	414	0.00
	West Bengal	8889	0	176.3	42.5	0.0	424	0.00
	Sikkim	102	0	1.6	1.6	0.0	25	0.00
	Arunachal Pradesh	146	0	2.3	2.1	0.0	98	0.00
	Assam	2045	0	39.6	30.9	0.7	205	0.50
	Manipur	209	0	2.7	2.8	-0.2	19	0.00
NER	Meghalaya	315	0	5.8	3.0	-0.1	142	0.00
	Mizoram	113	0	1.8	0.7	0.1	29	0.00
	Nagaland	139	0	2.5	2.0	0.0	32	0.00
	Tripura	311	0	5.6	4.6	-0.2	65	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	25.4	3.5	-19.7
Day Peak (MW)	1477.0	200.5	-849.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	199.5	-104.0	-11.1	-87.0	2.6	0.0
Actual(MU)	198.9	-106.0	-7.3	-93.0	0.6	-6.8
O/D/U/D(MU)	-0.6	-2.0	3.9	-5.9	-2.1	-6.8

F. Generation Outage(MW)

r. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4298	17275	8022	3385	409	33389	44
State Sector	10425	18515	9070	4860	11	42881	56
Total	14723	35790	17092	8245	420	76270	100

G. Sourcewise generation (MU)

Or Bour ce wife generation (Me)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	589	1114	527	484	11	2725	69
Lignite	24	9	36	0	0	69	2
Hydro	216	69	161	109	24	579	15
Nuclear	31	33	56	0	0	120	3
Gas, Naptha & Diesel	74	43	9	0	29	156	4
RES (Wind, Solar, Biomass & Others)	83	57	185	5	0	329	8
Total	1016	1325	975	597	64	3977	100
Share of RES in total generation (%)	8.15	4.31	18.93	0.79	0.37	8.28	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	32.41	11.95	41.25	19.02	37.80	25.84	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.041
Based on State Max Demands	1.067

Diversity factor = Sum of regional or state maximum demands / All India maximum demand
*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 09-Oct-2021

				1			Date of Reporting:	09-Oct-2021
SI No	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
	t/Export of ER (!					
2	HVDC HVDC	ALIPURDUAR-AGRA PUSAULI B/B	2	0	1503 247	0.0	36.0 6.2	-36.0 -6.2
3	765 kV	GAYA-VARANASI	2	306	52	3.3	0.0	3.3
4	765 kV	SASARAM-FATEHPUR	1	146	72 293	0.3	0.0 5.9	0.3
6	765 kV 400 kV	GAYA-BALIA PUSAULI-VARANASI	1	0	167	0.0	3.5	-5.9 -3.5
7	400 kV	PUSAULI -ALLAHABAD	1	Ö	137	0.0	2.5	-2.5
9	400 kV 400 kV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA	2	76 0	418 399	0.0	3.1 6.0	-3.1 -6.0
10	400 kV	BIHARSHARIFF-BALIA	2	265	19	2.8	0.0	2.8
11	400 kV	MOTIHARI-GORAKHPUR	2	0	266	0.0	3.7 0.0	-3.7
12	400 kV 220 kV	BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	1	178 42	36 43	1.5 0.0	0.0	1.5 -0.2
14	132 kV	SONE NAGAR-RIHAND	î	0	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	1	20	0	0.4	0.0 0.0	0.4
16 17		KARMANASA-SAHUPURI KARMANASA-CHANDAULI	i	0	1	0.0	0.0	0.0
					ER-NR	8.2	67.1	-58.8
	t/Export of ER (4	635	436	1.0	0.0	1.0
2	765 kV 765 kV	JHARSUGUDA-DHARAMJAIGARH NEW RANCHI-DHARAMJAIGARH	2	1237	0	19.5	0.0	19.5
3	765 kV	JHARSUGUDA-DURG	2	241	0	3.1	0.0	3.1
4	400 kV	JHARSUGUDA-RAIGARH	4	0	306	0.0	4.1	-4.1
5	400 kV	RANCHI-SIPAT	2	299	0	4.2	0.0	4.2
6	220 kV	BUDHIPADAR-RAIGARH	1	0	146	0.0	2.5	-2.5
7	220 kV	BUDHIPADAR-KORBA	2	74	0	0.9	0.0	0.9
				1	ER-WR	28.8	6.6	22.2
Import 1	t/Export of ER (With SR) JEYPORE-GAZUWAKA B/B	2	0	110	0.0	10.0	10.0
2		TALCHER-KOLAR BIPOLE	2	0	448 1396	0.0	30.2	-10.0 -30.2
3	765 kV	ANGUL-SRIKAKULAM	2	0	2302	0.0	38.8	-38.8
5	400 kV 220 kV	TALCHER-I/C BALIMELA-UPPER-SILERRU	2	445	58 0	3.1 0.0	0.0	3.1
					ER-SR	0.0	79.0	0.0 -79.0
Import	t/Export of ER (1					
1 1	400 kV 400 kV	BINAGURI-BONGAIGAON ALIPURDUAR-BONGAIGAON	2	0	478 414	0.0	9.1 4.5	-9.1 -4.5
3		ALIPURDUAR-BONGAIGAON ALIPURDUAR-SALAKATI	2	0	131	0.0	2.2	-4.5 -2.2
_					ER-NER	0.0	15.8	-15.8
Import	t/Export of NER HVDC		1 1	0	704	0.0	16.4	-16.4
ᆣ		BISWANATH CHARIALI-AGRA	<u> </u>		704 NER-NR	0.0	16.4	-16.4 -16.4
	t/Export of WR							
2	HVDC HVDC	CHAMPA-KURUKSHETRA VINDHYACHAL B/B	2	0 451	2517 0	0.0 11.8	52.5 0.0	-52.5 11.8
3	HVDC	MUNDRA-MOHINDERGARH	2	0	300	0.0	7.4	-7.4
4	765 kV	GWALIOR-AGRA	2	Õ	1634	0.0	23.9	-23.9
6	765 kV 765 kV	GWALIOR-PHAGI	2	0	1782 815	0.0	35.1 29.4	-35.1 -29.4
7	765 kV	JABALPUR-ORAI GWALIOR-ORAI	1	657	0	13.4	0.0	13.4
8	765 kV	SATNA-ORAI	1	0	1010	0.0	21.6	-21.6
9 10	765 kV 765 kV	BANASKANTHA-CHITORGARH	2	1637	0	28.9	0.0 58.3	28.9
11	400 kV	VINDHYACHAL-VARANASI ZERDA-KANKROLI	1	372	2816 0	0.0 6.4	0.0	-58.3 6.4
12	400 kV	ZERDA -BHINMAL	1	529	0	9.3	0.0	9.3
13	400 kV	VINDHYACHAL -RIHAND	1	960	0	22.3	0.0	22.3
14	400 1-37							
	400 kV 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR	1	75 57	294 53	0.0	3.4 0.2	-3.4 0.1
15 16	400 kV 220 kV 220 kV	RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	1 1	75 57 0	53 30	0.0 0.3 1.1	0.2 0.0	0.1 1.1
15 16 17	220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1	57 0 117	53 30 0	0.3 1.1 1.3	0.2 0.0 0.0	0.1 1.1 1.3
15 16 17 18	220 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA	2 1 1 1 1	57 0 117 80	53 30 0 0	0.3 1.1 1.3 2.0	0.2 0.0 0.0 0.0	0.1 1.1 1.3 2.0
15 16 17	220 kV 220 kV 220 kV 220 kV 132 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	1 1 1 1 1 1 2	57 0 117	53 30 0 0 0	0.3 1.1 1.3 2.0 0.0 0.0	0.2 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0
15 16 17 18 19 20	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALLOR-SAWAI MADHOPUR RAIGHAT-LALITPUR	2 1 1 1 1 1 2	57 0 117 80 0	53 30 0 0	0.3 1.1 1.3 2.0 0.0	0.2 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0
15 16 17 18 19 20	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV	BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	2 1 1 1 1 1 2	57 0 117 80 0	53 30 0 0 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7	0.2 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 -135.1
15 16 17 18 19 20 Import 1 2	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV t/Export of WR HVDC HVDC	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/B RAIGARH-PUGALUR	2 1 1 1 1 1 2	57 0 1117 80 0 0 405 2148	53 30 0 0 0 0 0 WR-NR	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8	0.2 0.0 0.0 0.0 0.0 0.0 0.0 231.8	0.1 1.1 1.3 2.0 0.0 0.0 -135.1 9.8 45.8
15 16 17 18 19 20 Import 1 2 3	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV t/Export of WR HVDC HVDC 765 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR	2	57 0 117 80 0 0 2148 1250	53 30 0 0 0 0 WR-NR 0 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 231.8	0.1 1.1 1.3 2.0 0.0 0.0 -135.1 9.8 45.8
15 16 17 18 19 20 Import 1 2	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV t/Export of WR HVDC HVDC	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/B RAIGARH-PUGALUR	2 1 1 1 1 1 2 2	57 0 1117 80 0 0 405 2148	53 30 0 0 0 0 0 WR-NR	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8	0.2 0.0 0.0 0.0 0.0 0.0 0.0 231.8	0.1 1.1 1.3 2.0 0.0 0.0 -135.1 9.8 45.8
15 16 17 18 19 20 Import 2 3 4 5	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 4/Export of WR HVDC HVDC HVDC 565 kV 400 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALTIPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2	57 0 117 80 0 0 0 0 405 2148 1250 0 1459 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 22.8	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 1.35.1 9.8 45.8 -4.0 -24.5 22.8 0.0
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 400 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2	57 0 117 80 0 0 0 0 2148 1250 0 1459 0	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 98.4 45.8 0.0 0.0 22.8 0.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 231.8 0.0 0.0 4.0 24.5 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 1.35,1 9.8 45.8 -4.0 -24.5 22.8 0.0 0.0
15 16 17 18 19 20 Import 2 3 4 5	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 400 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALTIPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2	57 0 117 80 0 0 0 0 405 2148 1250 0 1459 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 22.8	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 1.35.1 9.8 45.8 -4.0 -24.5 22.8 0.0
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 400 kV 220 kV	BHANPURA-RANPUR 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	2 2 2 2 1 1	57 0 117 80 0 0 0 0 405 2148 1250 0 1459 0 0	53 30 0 0 0 0 WR-NR 0 1567 2061 0 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 0.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 1.35.1 1.35.1 1.35.1 1.35.1 1.35.1 2.4.5 2.4.5 2.4.5 2.4.5 2.4.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR 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 IN'	2 2 2 2 2 1 1 1	57 0 117 80 0 0 0 0 405 2148 1250 0 1459 0 0 0 1459 0 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 0 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 2.4.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 400 kV 220 kV	BHANPURA-RANPUR 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	2 2 2 2 1 1 1 TERNATIONAL EX	57 0 117 80 0 0 0 0 405 2148 1250 0 0 0 0 0 CHANGES	53 30 0 0 0 0 WR-NR 0 1567 2061 0 0	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 0.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 1 1 1	57 0 117 80 0 0 0 0 405 2148 1259 0 1459 0 0 0 0 0 0 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR 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 IN'	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 i.e. ALIPURDU. MANGDECHU HEP 4	57 0 117 80 0 0 0 0 0 405 2148 1250 0 0 1459 0 0 0 CHANGES Name	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 0 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 2.4.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER	2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 4400kV MANGDECHU HEP 4 400kV TAL-ABINAGI TAL	57 0 117 80 0 0 0 0 405 2148 1250 0 1459 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 -4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	57 0 117 80 0 117 80 0 0 0 405 2148 1250 0 0 14459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 9180MW) RI 1,24 (48 400KV	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHU HEF 4 400kV TALA-BINAGU MANGDECHU HEF 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TAL)	57 0 117 80 0 117 80 0 0 0 0 0 405 2148 1250 0 1459 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) IRI 1,24 (& 400kV)	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14Export of WR HVDC 765 kV 400 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAJGHAT-LALITPUR With SR BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER	2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	57 0 117 80 0 0 117 80 0 0 0 405 2148 1250 0 1459 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from "FIRM") FIR 1,2 4 (400kV R) Le BINAGURI NI EP (6°170MW) PARA IAE 2 (& 220kV)	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 1.35.1 9.8 45.8 -4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHH HF 4 400kV TALA BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALA	57 0 117 80 0 0 117 80 0 0 0 405 2148 1250 0 1459 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 WR-SR Max (MW) 517	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 20.0 0.0 0.0 1.6 80.0 Min (MW)	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 20.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHH HF 24 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	57 0 117 80 0 0 117 80 0 0 0 405 2148 1250 0 1459 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU ECEJPJ (From TAL- 220KV CHUKHA-BIR MALBASE - BIRPAR	57 0 117 80 0 117 80 0 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PISOMW) IRI 1,24 (& 400KV RI), LE (& 400	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIORSAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHH HF 4 400kV TALA BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALA	57 0 117 80 0 117 80 0 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PISOMW) IRI 1,24 (& 400KV RI), LE (& 400	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 WR-SR Max (MW) 517	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 22.8 20.0 0.0 0.0 1.6 80.0 Min (MW)	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line Hollow MANGDECHH 1,2x3 i.e. Alipurdu MANGDECHH HEP 4 400KV TALA BINAGU MANGDECHU HEP 4 1,22x3 i.e. Alipurdu MANGDECHU HEP 4 1,2x3 i.e. Alipurdu MANGDECHU HEP 1 1,2x3 i.e. Alipurdu MANGDECHU HEP 1 1,2x4 i.e. Alipurdu 1,2x4	57 0 117 80 0 117 80 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #1800W) RI 1;24 (4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400kV MANGDECHH 10,2k3 i.e. ALIPURDU MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL) 20kV CHUKHA-BIR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN	57 0 117 80 0 117 80 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #1800W) RI 1;24 (4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line Hollow MANGDECHH 1,2x3 i.e. Alipurdu MANGDECHH HEP 4 400KV TALA BINAGU MANGDECHU HEP 4 1,22x3 i.e. Alipurdu MANGDECHU HEP 4 1,2x3 i.e. Alipurdu MANGDECHU HEP 1 1,2x3 i.e. Alipurdu MANGDECHU HEP 1 1,2x4 i.e. Alipurdu 1,2x4	57 0 117 80 0 117 80 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #1800W) RI 1;24 (4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 400K) RI 1;24 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC T65 kV 765 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI E/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400kV MANGDECHH 10,2k3 i.e. ALIPURDU MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL) 20kV CHUKHA-BIR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN	57 0 117 80 0 117 80 0 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 178 IL,24 (& 400KV RI) i.e. BINAGURI LIEP (6-170MW) ANA IA 2: de 220kV A) I.e. BIRPARA KIA HEP 4*84MW) LAKATI	53 30 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680	0.3 1.1 1.3 2.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 22.8 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 4 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU 132kV GHUKHA-BIR RECEIPT (from TALA 132kV GELEPHU-SAI 132kV MAHENDRAN TANAKPUR(NHPC)	57 0 117 80 0 117 80 0 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 178 IL,24 (& 400KV RI) i.e. BINAGURI LIEP (6-170MW) ANA IA 2: de 220kV A) I.e. BIRPARA KIA HEP 4*84MW) LAKATI	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 0 82 WR-SR Max (MW) 517 680 225 0	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0 1.1
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN' Region ER ER ER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,028 3:e. ALIPURDU MANGDECHU HEP 4 400KV TALA-BINAGU MANGDECHU HEP 4 200KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	57 0 117 80 0 117 80 0 0 0 0 405 2148 11250 0 0 1459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from #180MW) 178 IL,24 (& 400KV RI) i.e. BINAGURI LIEP (6-170MW) ANA IA 2: de 220kV A) I.e. BIRPARA KIA HEP 4*84MW) LAKATI	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 0 82 WR-SR Max (MW) 517 680 225 0	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0 1.1
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER	2 2 2 2 1 1 1 1 FERNATIONAL EX Line 400KV MANGDECHH 1,028 3:e. ALIPURDU MANGDECHU HEP 4 400KV TALA-BINAGU MANGDECHU HEP 4 200KV TALA-BINAGU MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	57 0 117 80 0 117 80 0 0 0 0 0 405 2148 1250 0 1459 0 0 1459 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from 9180MW) IRI 1,24 (& 400kV) IRI 1,24 (& 400kV) Al (& BIRPARA KHA HEP (6-170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA LAKATI ANGIA AGAR- OM BIHAR)	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680 225 0	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER NER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line A00kV MANGDECHH 1,2&3 i.e. ALIPURDU. MANGDECHH HEP 4 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALI- 220kV CHUKHA-BIR RECEIPT (from TALI- 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR-	57 0 117 80 0 117 80 0 0 0 0 0 405 2148 1250 0 1459 0 0 1459 0 0 CCHANGES Name U-ALIPURDUAR AR RECEIPT (from 9180MW) IRI 1,24 (& 400kV) IRI 1,24 (& 400kV) Al (& BIRPARA KHA HEP (6-170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA LAKATI ANGIA AGAR- OM BIHAR)	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680 225 0	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0 1.1
15 16 17 18 19 20 Import 1 2 3 4 5 6 7 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/R RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line A00kV MANGDECHH 1,2&3 i.e. ALIPURDU. MANGDECHH HEP 4 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRGAR RECEIPT (from TALI- 220kV CHUKHA-BIR RECEIPT (from TALI- 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR-	57 0 117 80 0 117 80 0 0 12148 0 0 1405 2148 11250 0 0 1459 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680 225 0 55 -58	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186 0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0 1.1 -0.1 2.8
15 16 17 18 19 20 1 Import 1 2 3 4 5 6 7 8 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 132 kV 14Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RAPPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPURA-URAIYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI FONDA-AMBEWADI REGION ER ER ER ER ER ER NER NER NE	2 2 2 2 1 1 1 1 IERNATIONAL EX Line 4000KV MANGDECHH 1,2&3 i.e. ALIPURDU. MANGDECHU HEP 4 400KV TALA-BINAGG MALBASE - BINAGU MANGDECHU HEP 4 12,23 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 1 12,244 IN GECEIPT (from TALA 12,245 V HUSHABAR 132kV MOTANGA-RJ 132kV MAHENDRAN. TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR- BHERAMARA B/B H	57 0 117 80 0 117 80 0 0 0 0 0 405 2148 11250 0 1459 0 0 14459 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 9180MW) IRI 1,24 (& 400kV RI) IRI 1,24 (&	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680 225 0 55 -58 178 81	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186 0 0 72 -28	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 1.0 0.0 1.1 2.8 0.8 0.8
15 16 17 18 19 20 1mport 1 2 3 4 5 6 7 8 8	220 kV 220 kV 220 kV 220 kV 132 kV 132 kV 14/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAHYA MALANPURA-URAHYA GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR (With SR) BHADRAWATI R/R RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER ER	2 2 2 2 1 1 1 1 IERNATIONAL EX Line 4000KV MANGDECHH 1,2&3 i.e. ALIPURDU. MANGDECHU HEP 4 400KV TALA-BINAGG MALBASE - BINAGU MANGDECHU HEP 4 12,23 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 4 12,243 i.e. ALIPURDU. MANGDECHU HEP 1 12,244 IN GECEIPT (from TALA 12,245 V HUSHABAR 132kV MOTANGA-RJ 132kV MAHENDRAN. TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR- BHERAMARA B/B H	57 0 117 80 0 117 80 0 0 12148 0 0 1405 2148 11250 0 0 1459 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53 30 0 0 0 0 WR-NR 0 0 1567 2061 0 0 82 WR-SR Max (MW) 517 680 225 0 55 -58	0.3 1.1 1.3 2.0 0.0 0.0 0.0 0.0 96.7 9.8 45.8 0.0 0.0 0.0 1.6 80.0 Min (MW) 0 186 0	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.1 1.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 1.35.1 9.8 45.8 4.0 -24.5 22.8 0.0 0.0 1.6 51.4 +ve)/Export(-ve) Energy Exchange (MII) 9.6 10.0 4.7 0.0 1.1 -0.1 2.8