

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, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 02nd July 2021

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
- 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 01.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-जुलाई-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 01st July 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:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	66604	46030	42100	21211	2704	178649
Peak Shortage (MW)	720	0	0	0	10	730
Energy Met (MU)	1607	1152	1055	457	50	4321
Hydro Gen (MU)	350	43	117	131	27	669
Wind Gen (MU)	67	202	97	-	-	366
Solar Gen (MU)*	49.16	35.25	78.53	4.71	0.11	168
Energy Shortage (MU)	11.68	0.30	0.00	0.00	0.06	12.04
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	72267	50770	50167	21492	2889	190494
Time Of Maximum Demand Met (From NLDC SCADA)	22:13	14:53	12:27	00:01	19:59	12:22

Region All India

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	(IVIC)	(MU)	(MC)	(1111)	(MU)
	Punjab	13196	125	306.1	172.2	-1.4	266	7.39
	Haryana	11674	0	257.7	187.9	2.2	368	0.00
	Rajasthan	12925	0	286.1	59.9	-1.7	292	0.00
	Delhi	6937	0	141.8	128.7	-1.3	295	0.00
NR	UP	23565	0	486.5	253.8	1.6	732	0.46
	Uttarakhand	2205	0	48.1	19.9	0.8	160	0.38
	HP	1539	0	30.2	0.4	-3.2	0	0.00
	J&K(UT) & Ladakh(UT)	2310	100	43.5	20.1	-1.3	236	3.45
	Chandigarh	400	0	7.6	7.7	-0.1	35	0.00
	Chhattisgarh	4007	0	92.8	49.8	-2.9	706	0.00
	Gujarat	16302	0	359.3	88.5	2.3	882	0.00
	MP	9336	0	209.1	104.3	-2.1	350	0.00
WR	Maharashtra	20694	0	435.3	143.0	-0.8	682	0.00
	Goa	550	0	11.9	10.9	0.3	30	0.30
	DD	316	0	7.1	7.0	0.1	27	0.00
	DNH	789	0	18.5	18.6	-0.1	69	0.00
	AMNSIL	830	0	18.1	4.3	0.4	300	0.00
	Andhra Pradesh	9994	0	189.8	60.1	0.2	841	0.00
	Telangana	11005	0	230.8	90.5	0.3	796	0.00
SR	Karnataka	11305	0	215.9	58.7	2.6	1212	0.00
	Kerala	3299	0	73.2	51.3	-0.3	259	0.00
	Tamil Nadu	15579	0	336.8	181.4	-1.4	539	0.00
	Puducherry	396	0	8.4	8.6	-0.2	32	0.00
	Bihar	5946	0	108.3	101.3	-1.3	253	0.00
	DVC	2979	0	63.4	-48.8	-0.7	254	0.00
	Jharkhand	1554	0	28.0	25.1	-2.4	169	0.00
ER	Odisha	5139	0	104.4	38.5	-0.5	377	0.00
	West Bengal	7257	0	151.6	28.0	-0.2	477	0.00
	Sikkim	81	0	1.3	1.5	-0.2	8	0.00
	Arunachal Pradesh	127	1	2.3	2.5	-0.4	39	0.01
	Assam	1731	0	32.1	26.0	-0.1	95	0.00
	Manipur	184	1	2.6	2.6	0.0	26	0.01
NER	Meghalaya	310	0	5.7	2.0	-0.1	34	0.00
	Mizoram	101	0	1.6	1.5	0.0	37	0.01
	Nagaland	143	1	2.4	2.4	-0.1	20	0.01
	Tuinuna	220	2	2.0	2.0	0.0	06	0.02

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	48.4	-6.8	-20.4
Day Peak (MW)	2065.0	-384.9	-1035.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	380.0	-322.6	92.8	-146.4	-3.8	0.0
Actual(MU)	387.2	-325.3	99.6	-160.9	-6.6	-6.1
O/D/U/D(MU)	7.2	-2.8	6.8	-14.5	-2.8	-6.1

F. Generation Outage(MW)

	NR	WR	5K	ER	NER	TOTAL	% Share
Central Sector	5123	18258	7572	1120	588	32661	47
State Sector	7570	17933	7225	3385	. 11	36124	53
Total Total	12693	36191	14797	4505	600	68785	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	657	1132	541	518	11	2859	65
Lignite	29	10	53	0	0	91	2
Hydro	350	43	117	131	27	669	15
Nuclear	30	32	46	0	0	108	2
Gas, Naptha & Diesel	45	37	10	0	23	115	3
RES (Wind, Solar, Biomass & Others)	134	237	200	5	0	576	13
Total	1244	1491	968	654	61	4419	100
CI APPOLLANT II (A)							ı
Share of RES in total generation (%)	10.77	15.92	20.68	0.72	0.18	13.04	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	41.28	21.00	37.56	20.81	44.01	30.63	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.037
Based on State Max Demands	1.076

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: 02-Jul-2021

No I							Date of Reporting:	02-Jul-2021
	oltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Ex	xport of ER (With NR)						
1	HVDC	ALIPURDUAR-AGRA	2	0	1202	0.0	28.4	-28.4
		PUSAULI B/B		0	249	0.0	6.1	-6.1
	765 kV 765 kV	GAYA-VARANASI SASARAM-FATEHPUR	1	0 46	966 237	0.0	15.0 2.2	-15.0 -2.2
	765 kV	GAYA-BALIA	i	0	691	0.0	11.7	-11.7
6		PUSAULI-VARANASI	1	0	207	0.0	4.3	-4.3
		PUSAULI -ALLAHABAD	1	0	106	0.0	1.2	-1.2
		MUZAFFARPUR-GORAKHPUR	2	0	916 1302	0.0	17.0 22.5	-17.0 -22.5
		PATNA-BALIA BIHARSHARIFF-BALIA	2	0	553	0.0	10.5	-22.5 -10.5
		MOTIHARI-GORAKHPUR	2	0	501	0.0	9.9	-9.9
	400 kV	BIHARSHARIFF-VARANASI	2	Ö	372	0.0	5.4	-5.4
		PUSAULI-SAHUPURI	1	22	126	0.0	1.5	-1.5
14	132 kV	SONE NAGAR-RIHAND	1	0	0	0.0	0.0	0.0
		GARWAH-RIHAND	1	20	0	0.6	0.0	0.6
		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0 ER-NR	0.0	0.0 135.6	0.0
Import/Ex	xport of ER (With WR)			ER-IVE	0.6	133.0	-135.0
		JHARSUGUDA-DHARAMJAIGARH	4	910	498	4.0	0.0	4.0
	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1177	69	13.3	0.0	13.3
				99			1.5	
	765 kV	JHARSUGUDA-DURG	2		122	0.0		-1.5
-	400 kV	JHARSUGUDA-RAIGARH	4	249	124	1.0	0.0	1.0
5	400 kV	RANCHI-SIPAT	2	321	25	3.5	0.0	3.5
6	220 kV	BUDHIPADAR-RAIGARH	1	3	108	0.0	1.2	-1.2
7	220 kV	BUDHIPADAR-KORBA	2	175	0	3.1	0.0	3.1
					ER-WR	24.9	2.7	22.2
Import/Ex	xport of ER (
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	549	0.0	12.4	-12.4
		TALCHER-KOLAR BIPOLE	2	0	1637	0.0	39.6	-39.6
	765 kV	ANGUL-SRIKAKULAM	2	0	2387	0.0	35.6	-35.6
	400 kV	TALCHER-I/C	2	218	0	4.5	0.0	4.5
5	220 kV	BALIMELA-UPPER-SILERRU	<u> </u>	1	0 ER-SR	0.0	0.0 87.6	0.0
Import/Ex	xport of ER (With NER)			ER-5R	0.0	07.0	-87.6
		BINAGURI-BONGAIGAON	2	0	287	0.0	4.6	-4.6
2		ALIPURDUAR-BONGAIGAON	2	118	263	0.0	2.8	-2.8
		ALIPURDUAR-SALAKATI	2	0	91	0.0	1.6	-1.6
					ER-NER	0.0	9.0	-9.0
Import/Ex	xport of NER	(With NR)						
1	HVDC	BISWANATH CHARIALI-AGRA	2	0	1003	0.0	17.1	-17.1
Imm out/Ex	xport of WR ((Wish ND)			NER-NR	0.0	17.1	-17.1
	HVDC	CHAMPA-KURUKSHETRA	2		4031	0.0	72.4	-72.4
	HVDC	VINDHYACHAL B/B		0			3.6	
		MUNDRA-MOHINDERGARH	2	0	253 1915	0.0	38.3	-3.6 -38.3
		GWALIOR-AGRA	2	0	3184	0.0	57.2	-57.2
		PHAGI-GWALIOR	2	Ö	1579	0.0	26.4	-26.4
	765 kV	JABALPUR-ORAI	2	738	1115	0.0	36.9	-36.9
		GWALIOR-ORAI	1	611	0	12.0	0.0	12.0
		SATNA-ORAI	1	0	1527	0.0	31.7	-31.7
	765 kV	CHITORGARH-BANASKANTHA	2	0	1016	0.0	8.9	-8.9
		ZERDA-KANKROLI	1	153	64	0.9	0.0	0.9
		ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	413 962	0	6.5 21.5	0.0	6.5 21.5
		RAPP-SHUJALPUR	2	0	484	0.0	5.2	-5.2
		BHANPURA-RANPUR	ĩ	0	91	0.0	1.4	-1.4
		BHANPURA-MORAK	1	0	30	0.0	0.8	-0.8
		MEHGAON-AURAIYA	1	96	0	0.3	0.1	0.1
17		MALANPUR-AURAIYA	1	61				
					29	0.9	0.0	0.9
18	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.9 0.0	0.0	0.0
18	132 kV		1 2		0	0.9 0.0 0.0	0.0	0.0 0.0
18	132 kV 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR		0	0	0.9 0.0	0.0	0.0
18 19 Import/Ex	132 kV 132 kV xport of WR (GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)		0	0 0 WR-NR	0.9 0.0 0.0 42.1	0.0 0.0 283.1	0.0 0.0 -241.0
18 19 Import/Ex 1	132 kV 132 kV xport of WR (GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	2	0	0 0 WR-NR	0.9 0.0 0.0 42.1	0.0 0.0 283.1 7.4	0.0 0.0 -241.0
18 19 Import/Ex 1 2	132 kV 132 kV xport of WR (HVDC HVDC	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR		0 0	0 0 WR-NR 312 1507	0.9 0.0 0.0 42.1 0.0 0.0	0.0 0.0 283.1 7.4 23.6	0.0 0.0 -241.0 -7.4 -23.6
18 19 Import/Ex 1 2 3	132 kV 132 kV xport of WR (HVDC HVDC 765 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2 2 2 2	0	0 0 WR-NR 312 1507 1602	0.9 0.0 0.0 42.1 0.0 0.0	0.0 0.0 283.1 7.4 23.6 6.4	0.0 0.0 -241.0 -7.4 -23.6 -6.4
18 19 Import/Ex 1 2 3 4	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2 2 2	0 0 0 0 944 0	0 0 WR-NR 312 1507	0.9 0.0 0.0 42.1 0.0 0.0 0.0	0.0 0.0 283.1 7.4 23.6	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9
18 19 Import/Ex 1 2 3 4 5 6	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2	0 0 0 0 944 0 1046	0 WR-NR 312 1507 1602 2502	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0
18 19 Import/Ex 1 2 3 4 5 6 7	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMMADI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2	0 0 0 0 944 0 1046 0	0 0 WR-NR 312 1507 1602 2502 0 0	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0
18 19 Import/Ex 1 2 3 4 5 6 7	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2 2 2	0 0 0 0 944 0 1046	0 0 WR-NR 312 1507 1602 2502 0 0 0	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0
18 19 Import/Ex 1 2 3 4 5 6 7	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	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 0 944 0 1046 0 0	0 0 WR-NR 312 1507 1602 2502 0 0	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7
18 19 Import/Ex 1 2 3 4 5 6 7	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	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 0 944 0 1046 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve)
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC	0 0 0 944 0 1046 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1.0 1.0 1.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange
18 19 Import/Ex 1 2 3 4 5 6 7 8 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV	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 1 TERNATIONAL EXC	0 0 0 944 0 1046 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve)
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	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 Region	2 2 2 2 2 2 1 1 1 FERNATIONAL EXC	0 0 0 944 0 1046 0 0 0 0 CHANGES	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW)	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	- 2 2 2 2 2 2 2 1 1 1 FERNATIONAL EXC Line 400kV MANGDECHH 4012k3 i.e. ALPURDU	0 0 9444 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1.0 1.0 1.0	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	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 Region	2 2 2 2 2 2 1 1 1 FERNATIONAL EXC Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHU HEP 4	0 0 9 944 944 0 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW)	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	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 Region	2 2 2 2 2 2 1 1 1 IFERNATIONAL EXC Line 400kV MANGDECHH 1,283 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU MANGDECH HEP 1 400kV MALBASE BINAGU	0 0 0 9444 0 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW)	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import/Ex 1 2 3 4 5 6 7 8	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 1 1 1 IFERNATIONAL EXC Line 400kV MANGDECHH 1,283 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU MANGDECH HEP 1 400kV MALBASE BINAGU	0 0 0 9444 0 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 1.4 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 73.4 Import Avg (MW)	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import/Ex 1 2 3 4 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TAL)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW)	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5
18 19 Import/Ex 1 2 3 4 5 6 7 8 St	132 kV 132 kV xport of WR (HVDC HVDC 765 kV 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH HE 4 400kV TALA-BINAGU MANGDECHH HE 7 400kV TALA-BINAGU MANGDECHU HEF 4 220kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BIRAGU	0 0 0 944 0 1046 0 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,2.4 (& 400kV RI) i.e. BINAGURI HEP (6*10MW) PARA I & 2 (& 220kV	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 1.4 15.7	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 73.4 Import Avg (MW)	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU)
18 19 Import/Ex 1 2 3 4 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TAL)	0 0 0 944 0 1046 0 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,2.4 (& 400kV RI) i.e. BINAGURI HEP (6*10MW) PARA I & 2 (& 220kV	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW)	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5
18 19 Import/Ex 1 2 3 4 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH HF 24 400kV TALA BINAGU MANGDECHH HF 12 20kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BIRGAR RECEIPT from TALI RECEIPT from TCHU	0 0 0 9444 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW)	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 T3.4 Import(Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 -24.8 -6.4
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH HE 4 400kV TALA-BINAGU MANGDECHH HE 7 400kV TALA-BINAGU MANGDECHU HEF 4 220kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BIRAGU	0 0 0 9444 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW)	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW)	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH HF 24 400kV TALA BINAGU MANGDECHH HF 12 20kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BIRGAR RECEIPT from TALI RECEIPT from TCHU	0 0 0 9444 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,2,4 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW)	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 T3.4 Import(Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 -24.8 -6.4
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC Line 400kV MANGDECHH HF 24 400kV TALA BINAGU MANGDECHH HF 12 20kV CHUKHA-BIR MALBASE - BINAGU MALBASE - BIRGAR RECEIPT from TALI RECEIPT from TCHU	0 0 0 944 04 04 1046 0 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,24 (x 400kV RI) RI 1,24 (x 200kV A) LE BIRPARA KE (KE 120kV A) LE BIRPARA KE AND	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669	0.9 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW)	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 T3.4 Import(Avg (MW) 646	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 -24.8 -6.4
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADDIOPUR 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 ER	2 2 2 2 2 2 1 1 1 IFERNATIONAL EXC Line 400kV MANGDECHH 1,2x3 i.e. ALIPURDU MANGDECHH 1,2x3 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from CHU I32kV GELEPHU-SAI	0 0 0 944 04 04 1046 0 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,24 (x 400kV RI) RI 1,24 (x 200kV A) LE BIRPARA KE (KE 120kV A) LE BIRPARA KE AND	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 1.4 15.7 Min (MW) 0 22	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 4.0 Timport(Avg (MW) 646 1032	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-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 1 1 1 IFERNATIONAL EXC Line 400kV MANGDECHH 1,2x3 i.e. ALIPURDU MANGDECHH 1,2x3 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from CHU I32kV GELEPHU-SAI	0 0 0 944 0 1046 0 0 0 1046 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1;2,4 (& 400kV RI) i.e. BINAGURI HEP (6*120MW) PARA 1;2 (& 220kV A) i.e. BIRPAGE AKHA HEP 4*84MW) LAKATI	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.4 15.7 Min (MW) 0 1023	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 10.0 10.0 4vg (MW) 646 1032 268	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADDIOPUR 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 ER	2 2 2 2 2 2 2 1 1 ITERNATIONAL EX Line 400kV MANGDECHH HEP 4 400kV TALA-BINAGI MALBASE - BINAGU MANGDECHU HEP 4 220kV CHUKHA-BIR RECEIPT (from TAL/ 220kV CHUKHA-BIR RECEIPT (from TAL/ 132kV MOTANGA-RA	0 0 0 944 0 1046 0 0 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1;2,4 (& 400kV RI) i.e. BINAGURI HEP (6*120MW) PARA 1;2 (& 220kV A) i.e. BIRPAGE KHA HEP 4*84MW) LAKATI	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 1.4 15.7 Min (MW) 0 22	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 4.0 Timport(Avg (MW) 646 1032	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +vey/Export(-ve) Energy Exchange (MU) -15.5 -24.8 -6.4 -6.4 -6.4 -6.6
18 19 Import/Ex 1 2 3 4 5 5 6 7 8 St	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-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 1 1 1 FERNATIONAL EXC 2 1 1 1 FERNATIONAL EXC 1 1 INFORMATIONAL EXC 400kV MANGDECHH 1,283 i.e. ALIPURBU MANGDECHH 1,283 i.e. ALIPURBU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TALA- 200kV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHUKHA-BIR MALBASE - BIRPAR MALBASE - BIR	0 0 0 944 0 1046 0 0 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1;2,4 (& 400kV RI) i.e. BINAGURI HEP (6*120MW) PARA 1;2 (& 220kV A) i.e. BIRPAGE KHA HEP 4*84MW) LAKATI	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.4 15.7 Min (MW) 0 1023	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 10.0 10.0 4vg (MW) 646 1032 268	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6
18 19	132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV	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 NER	2 2 2 2 2 2 1 1 1 FERNATIONAL EXC 2 1 1 1 FERNATIONAL EXC 1 1 INFORMATIONAL EXC 400kV MANGDECHH 1,283 i.e. ALIPURBU MANGDECHH 1,283 i.e. ALIPURBU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TALA- 200kV CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHUKHA-BIR MALBASE - BINAGU RECEIPT (from CHUKHA-BIR MALBASE - BIRPAR MALBASE - BIR	0 0 0 944 04 04 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW) 0 22 39	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 10.0 10.0 4vg (MW) 646 1032 268	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) -15.5 -24.8 -6.4 -6.6 -6.1 -6.8
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-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 1 1 1 ITERNATIONAL EXV Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) RECEIPT (from TAL) 132kV MOTANGASE - BIRPAR 132kV MOTANGASE. 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC)	0 0 0 944 04 04 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.4 15.7 Min (MW) 0 1023	0.0 0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 0.0 4 Import Avg (MW) 646 1032 268 26 46	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -0.0 -1.4 -57.7 -+ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER ER ER ER ER ER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 ITERNATIONAL EX	0 0 0 944 044 04 1046 0 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) NRI 1,24 (& 400kV RI) RI 1,24 (& 400kV A) i.e. BIRAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRAGURI AKATI ANGIA OM BIHAR)	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.5 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW) 646 1032 268 26 46 -32	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 -6.4 -6.6 -1.1 -0.8
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	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 NER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 ITERNATIONAL EX	0 0 0 944 04 04 1046 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW) 0 22 39	0.0 0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 0.0 4 Import Avg (MW) 646 1032 268 26 46	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER ER ER ER ER ER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 ITERNATIONAL EX	0 0 0 944 044 04 1046 0 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) NRI 1,24 (& 400kV RI) RI 1,24 (& 400kV A) i.e. BIRAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRAGURI AKATI ANGIA OM BIHAR)	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.5 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW) 646 1032 268 26 46 -32	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 -6.4 -0.6 -1.1 -0.8
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EX Line 400kV MANDECHH HEF 4 400kV TALA BINAGU MANDECHU HEF 4 400kV THOM TALA 220kV CHUKHA-BIR RECEIPT (from TALA 220kV CHUKHA-BIR RECEIPT (from TALA 132kV MOTANGA-RA 132kV MOTANGA-RA 132kV MOTANGA-RA 132kV MOTANGA-RA 140kV TALA 140kV DHALKEBAR-	0 0 944 044 044 046 06 0 0 0 0 06 06 07 08 08 08 08 08 08 08 08 08 08 08 08 08	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54 -125	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 0.0 33.4 Import(Avg (MW) 646 1032 268 26 46 -32 -58	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 0.0 0.1 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6 1.1 -0.8
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARPHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER ER ER ER ER ER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 2 1 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 1 ITERNATIONAL EXC 1 ITERNATIONAL EX	0 0 944 044 044 046 06 0 0 0 0 06 06 07 08 08 08 08 08 08 08 08 08 08 08 08 08	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.5 6.4 35.9 0.0 0.0 0.0 73.4 Import(Avg (MW) 646 1032 268 26 46 -32	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 -0.0 -1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 -6.4 -0.6 -1.1 -0.8
18 19	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC LIDER 400RV MANGDECHH 1,2x3-ie. ALIPURDU MANGDECHU HEP 4 400RV TANGDECHH 1,2x3-ie. ALIPURDU MANGDECHU HEP 4 400RV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU HALBASE - BIN	0 0 944 0 944 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,24 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI LNGIA AGAR- OM BIHAR) MUZAFFARPUR 1&2 VDC (BANGLADESH)	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54 -125	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 0.0 33.4 Import(Avg (MW) 646 1032 268 26 46 -32 -58	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 0.0 0.1 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6 1.1 -0.8
18	132 kV 132 kV 132 kV 132 kV HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUBGI KOLHAPUR-KUBGI KOLHAPUR-CHIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER NER NER NER	2 2 2 2 2 2 1 1 1 IFERNATIONAL EXC Line 400kV MANGDECHH 1,28.31e. ALIPURDU MANGDECHH 1,28.31e. ALIPURDU MANGDECHH 1,28.31e. ALIPURDU MANGDECHH HEP 4 400kV TALA-BINAGU RECEIPT (from TAL) 132kV GELEPHU-SAI 132kV MOTANGA-RA 132kV MOTANGA-RA 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR- BHERAMARA B/B H 132kV COMILLA-SU	0 0 944 0 944 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,24 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI LNGIA AGAR- OM BIHAR) MUZAFFARPUR 1&2 VDC (BANGLADESH)	0 0 WR-NR 312 1507 1602 2502 0 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54 -125	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 14.3 0.0 14.3 15.7 Min (MW) 0 22 39 0 -1	0.0 0.0 283.1 7.4 23.6 6.4 35.9 0.0 0.0 0.0 0.0 0.0 33.4 Import(Avg (MW) 646 1032 268 26 46 -32 -58	0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 0.0 0.1 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6 1.1 -0.8
18	132 kV 132 kV 132 kV 220 kV 14VDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAIGHUR WARDHA-NIZAMABAI KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER ER ER NER NER NER NE	2 2 2 2 2 2 2 1 1 1 ITERNATIONAL EXC LIDER 400RV MANGDECHH 1,2x3-ie. ALIPURDU MANGDECHU HEP 4 400RV TANGDECHH 1,2x3-ie. ALIPURDU MANGDECHU HEP 4 400RV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU HALBASE - BIN	0 0 944 0 944 0 1046 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from *180MW) RI 1,24 (& 400kV RI) i.e. BINAGURI HEP (6*170MW) PARA 1&2 (& 220kV A) i.e. BIRPARA KHA HEP 4*84MW) LAKATI LNGIA AGAR- OM BIHAR) MUZAFFARPUR 1&2 VDC (BANGLADESH)	0 0 WR-NR 312 1507 1602 2502 0 0 73 WR-SR Max (MW) 669 1038 329 55 56 -54 -125 -206	0.9 0.0 0.0 0.0 42.1 0.0 0.0 0.0 0.0 0.0 0.0 14.3 0.0 0.0 1.4 15.7 Min (MW) 0 22 39 0 -1 -2 -681	0.0 0.0 0.0 283.1 7.4 23.5 6.4 35.9 0.0 0.0 0.0 0.0 73.4 Import Avg (MW) 646 1032 268 26 46 -32 -58 -194	0.0 0.0 0.0 -241.0 -7.4 -23.6 -6.4 -35.9 -14.3 0.0 0.0 1.4 -57.7 +ve)/Export(-ve) Energy Exchange (MU) 15.5 24.8 6.4 0.6 1.1 -0.8 -1.4 -4.7