

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: 25th June 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 24.06.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-जून-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 24th June 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: 25-Jun-202

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	58443	45126	40628	21860	2967	169024
Peak Shortage (MW)	200	0	0	0	5	205
Energy Met (MU)	1417	1102	998	473	56	4046
Hydro Gen (MU)	330	40	83	135	26	614
Wind Gen (MU)	36	149	179	-	-	365
Solar Gen (MU)*	51.32	28.51	88.50	5.25	0.23	174
Energy Shortage (MU)	5.54	0.00	0.00	0.00	0.04	5.58
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	66686	47613	45609	22437	3197	174593
Time Of Maximum Demand Met (From NLDC SCADA)	00:09	10:12	09:26	23:18	19:28	10:15
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 0.056	0.42	1.10	4.11	5.62	57.11	37.26

MI IIIUIA	0.050	0.44	1.10	4.11	3.02	37.11	37.20	
. Power Sup	oply Position in States							•
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MTD)	Schedule	O.TTD	(MW)	Shortage
_		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(MW)	(MU)
	Punjab	13026	175	283.1	164.9	-8.4	456	0.35
	Harvana	10819	0	223.8	164.9	-1.1	399	0.00
	Rajasthan	11749	0	251.7	83.8	0.0	643	0.00
	Delhi	6488	0	125.6	112.6	-2.1	190	0.00
NR	UP	20743	0	410.4	180.2	-2.7	335	1.74
	Uttarakhand	2001	0	42.4	17.7	-0.2	211	0.00
	HP	1460	0	30.9	-0.2	0.5	156	0.00
	J&K(UT) & Ladakh(UT)	2336	250	43.4	18.8	0.5	184	3.45
	Chandigarh	296	0	6.1	6.4	-0.3	21	0.00
	Chhattisgarh	3409	0	81.4	31.7	-0.1	217	0.00
	Gujarat	14889	0	330.0	109.6	-0.8	601	0.00
	MP	8045	0	180.3	96.1	-2.8	425	0.00
WR	Maharashtra	21065	0	452.5	136.7	-2.6	642	0.00
	Goa	557	0	12.3	11.3	0.3	27	0.00
	DD	331	0	7.3	7.1	0.2	35	0.00
	DNH	823	0	18.9	18.6	0.3	90	0.00
	AMNSIL	880	0	19.5	6.1	-0.2	281	0.00
	Andhra Pradesh	9019	0	189.0	56.1	0.1	686	0.00
	Telangana	10108	0	217.2	96.3	-0.2	699	0.00
SR	Karnataka	10657	0	197.4	53.8	-0.1	751	0.00
	Kerala	3370	0	69.6	43.9	-0.2	271	0.00
	Tamil Nadu	14263	0	316.2	145.9	-1.8	735	0.00
	Puducherry	379	0	8.3	8.6	-0.4	34	0.00
	Bihar	6100	0	119.0	105.7	1.5	374	0.00
	DVC	3089	0	66.2	-44.6	0.2	273	0.00
	Jharkhand	1454	0	28.5	22.0	-2.3	167	0.00
ER	Odisha	4605	0	98.1	32.7	2.0	416	0.00
	West Bengal	8056	0	159.8	27.6	1.5	567	0.00
	Sikkim	84	0	1.3	1.6	-0.3	11	0.00
	Arunachal Pradesh	127	1	2.1	2.0	0.0	65	0.01
	Assam	1939	1	36.5	30.8	-0.3	96	0.00
	Manipur	195	0	2.5	2.6	-0.1	47	0.01
NER	Meghalaya	320	0	6.0	2.3	-0.2	21	0.00
	Mizoram	103	1	1.8	1.6	0.0	14	0.01
	Nagaland	145	1	2.4	2.6	-0.2	8	0.01
	Tripura	296	2	5.0	4.2	0.1	59	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
	Bhutan	Nepal	Bangladesh
Actual (MU)	44.5	-8.8	-24.9
Day Paul: (MW)	10/2.0	525.5	10/2.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	326.8	-270.2	81.6	-138.3	0.1	0.0
Actual(MU)	300.9	-258.5	72.7	-120.9	-0.4	-6.2
O/D/U/D(MU)	-25.9	11.7	-8.9	17.4	-0.5	-6.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	3923	21068	9482	1460	588	36521	48
State Sector	7915	17928	9415	3643	11	38912	52
Total	11838	38996	18897	5103	600	75433	100

G. Sourcewise generation (MU)

G. Sourcewise generation (MC)							
	NR	WR	SR	ER	NER	All India	% Share
Coal	628	1089	465	487	11	2679	65
Lignite	25	9	42	0	0	76	2
Hydro	330	40	83	135	26	614	15
Nuclear	31	33	40	0	0	103	2
Gas, Naptha & Diesel	23	34	13	0	25	95	2
RES (Wind, Solar, Biomass & Others)	106	178	293	5	0	582	14
Total	1142	1383	936	627	62	4150	100
Share of RES in total generation (%)	9.25	12.88	31.33	0.83	0.37	14.03	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	40.85	18.11	44.46	22.36	42.19	31.32	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.063
Based on State Max Demands	1.107

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: 25-Jun-2021

Sl No Impo							Date of Reporting:	25-Jun-2021
	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
ALIDO	ort/Export of ER (With NR)		•				
1	HVDC	ALIPURDUAR-AGRA	2	0	854	0.0	21.2	-21.2
2	HVDC	PUSAULI B/B	-	0	249	0.0	6.1	-6.1
4	765 kV 765 kV	GAYA-VARANASI SASARAM-FATEHPUR	2	0 78	626 251	0.0	10.1 3.0	-10.1 -3.0
5	765 kV	GAYA-BALIA	1	0	510	0.0	8.4	-3.0
6		PUSAULI-VARANASI	i	Ŏ	217	0.0	4.3	-4.3
7		PUSAULI -ALLAHABAD	1	0	109	0.0	1.6	-1.6
8		MUZAFFARPUR-GORAKHPUR	2	0	724	0.0	11.8	-11.8
9		PATNA-BALIA	4	0	983	0.0	17.0	-17.0
10		BIHARSHARIFF-BALIA	2	0	446	0.0	8.3	-8.3
11		MOTIHARI-GORAKHPUR	2	0 28	398 249	0.0	6.3 3.8	-6.3 -3.8
12		BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	1	28 11	84	0.0	1.1	-3.8
14		SONE NAGAR-RIHAND	i	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	i	20	Ö	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
	4/E 4 .CED (TOTAL TUDA			ER-NR	0.5	102.8	-102.3
	rt/Export of ER (1450	0.7		0.0	4.0
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	1158	967	1.8		1.8
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	1222	174	16.0	0.0	16.0
3	765 kV	JHARSUGUDA-DURG	2	142	330	0.0	1.7	-1.7
4	400 kV	JHARSUGUDA-RAIGARH	4	316	46	3.1	0.0	3.1
5	400 kV	RANCHI-SIPAT	2	363	20	5.0	0.0	5.0
6	220 kV	BUDHIPADAR-RAIGARH	1	26	89	0.0	0.7	-0.7
7		BUDHIPADAR-KORBA	2	190	0	2.7	0.0	2.7
					ER-WR	28.6	2.4	26.3
	ort/Export of ER (
1	HVDC	JEYPORE-GAZUWAKA B/B	2	0	455	0.0	10.0	-10.0
2	HVDC	TALCHER-KOLAR BIPOLE	2	0	1776	0.0	33.4	-33.4
3	765 kV	ANGUL-SRIKAKULAM	2	600	2411	0.0	36.1	-36.1
5		TALCHER-I/C BALIMELA-UPPER-SILERRU	2	609	289 0	7.2 0.0	0.0	7.2 0.0
3	220 K V	BALIMELA-UFFER-SILERRU	L 1	<u> </u>	ER-SR	0.0	79.5	-79.5
Impo	ort/Export of ER (With NER)			LA SK	V.V		-13-2
_1		BINAGURI-BONGAIGAON	2	0	306	0.0	4.2	-4.2
2	400 kV	ALIPURDUAR-BONGAIGAON	2	49	349	0.0	4.2	-4.2
3	220 kV	ALIPURDUAR-SALAKATI	2	0	113	0.0	2.0	-2.0
T	ort/Export of NER	(With MD)			ER-NER	0.0	10.3	-10.3
1mpo		(WITH NR) BISWANATH CHARIALI-AGRA		0	502	0.0	12.2	12.2
	HVDC	BISWANATH CHARIALI-AGRA			NER-NR	0.0	12.2	-12.2 -12.2
Impo	ort/Export of WR (With NR)			NEK-NK	0.0	12.2	-12.2
1	HVDC	CHAMPA-KURUKSHETRA	2	0	3022	0.0	47.0	-47.0
2	HVDC	VINDHYACHAL B/B	-	3	2	0.0	0.0	0.0
3		MUNDRA-MOHINDERGARH	2	0	1453	0.0	33.3	-33.3
4		GWALIOR-AGRA	2	0	2705	0.0	46.6	-46.6
5		PHAGI-GWALIOR	2	0	1744	0.0	31.9	-31.9
6		JABALPUR-ORAI	2	0	1068	0.0	37.6 0.0	-37.6
8		GWALIOR-ORAI SATNA-ORAI	1	636	0 1466	11.1 0.0	29.4	11.1 -29.4
9		CHITORGARH-BANASKANTHA	2	812	611	0.0	1.5	-1.5
10		ZERDA-KANKROLI	1	206	73	1.8	0.0	1.8
11		ZERDA -BHINMAL	1	408	10	5.0	0.0	5.0
12		VINDHYACHAL -RIHAND	1	956	0	21.8	0.0	21.8
13		RAPP-SHUJALPUR	2	0	542	0.0	6.6	-6.6
14		BHANPURA-RANPUR	1	0	85	0.0	1.4	-1.4
15	220 kV 220 kV	BHANPURA-MORAK	1	0	30	0.0	1.0	-1.0
16		MEHGAON-AURAIYA		100				0.0
			1	64	37	0.2	0.2	0.7
1 12	220 kV	MALANPUR-AURAIYA	1	64	44	0.7	0.0	0.7
18 19	220 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	1	0	44 0	0.7 0.0	0.0 0.0	0.0
19	220 kV 132 kV 132 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	1		44	0.7 0.0 0.0	0.0	
19	220 kV 132 kV 132 kV ort/Export of WR (MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR)	1	0	44 0 0 WR-NR	0.7 0.0 0.0 40.6	0.0 0.0 0.0 236.4	0.0 0.0 -195.8
19 Impo	220 kV 132 kV 132 kV 132 kV ort/Export of WR (MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	1 1 2	0 0	44 0 0 WR-NR	0.7 0.0 0.0 40.6	0.0 0.0 0.0 236.4	0.0 0.0 -195.8
Impo	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	1 1 2 2	0 0 0 868	44 0 0 WR-NR 312 3311	0.7 0.0 0.0 40.6	0.0 0.0 0.0 236.4 7.4 28.1	0.0 0.0 -195.8 -7.4 -28.0
19 1 2 3	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUCALUR SOLAPUR-RAICHUR	1 1 2 2	0 0 868 1653	44 0 0 WR-NR 312 3311 1319	0.7 0.0 0.0 40.6 0.0 0.1 7.1	0.0 0.0 0.0 236.4 7.4 28.1 0.0	0.0 0.0 -195.8 -7.4 -28.0 7.1
19 1 2 3 4	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 765 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 2 2	0 0 868 1653 0	44 0 0 WR-NR 312 3311 1319 1999	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4
19 1 2 3 4 5	220 kV 132 kV 132 kV 1132 kV ert/Export of WR (HVDC HVDC 765 kV 400 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	1 1 2 2 2 2 2 2 2	0 0 868 1653 0	312 3311 1319 0 0 WR-NR	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2
19 1 2 3 4	220 kV 132 kV 132 kV rtt/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 RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD	1 1 2 2	0 0 868 1653 0	44 0 0 WR-NR 312 3311 1319 1999	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4
19 1 2 3 4 5 6	220 kV 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	1 1 2 2 2 2 2 2 2	0 0 868 1653 0 1074	44 0 0 WR-NR 312 3311 1319 1999 0 0 0	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 2.55.4 0.0 0.0 0.0	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0
Impo 1 2 3 4 5 6	220 kV 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	1 1 2 2 2 2 2 2 2 2 2 2 1 1	0 0 868 868 1653 0 1074 0 0	312 3311 1319 1999 0 0	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9
Impo 1 2 3 4 5 6	220 kV 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	1 1 2 2 2 2 2 2 2	0 0 868 868 1653 0 1074 0 0	44 0 0 WR-NR 312 3311 1319 1999 0 0 0	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve)
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/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	1 1 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	0 0 868 868 1653 0 1074 0 0 0	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 WR-SR	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 2.5.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 1mport(0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	220 kV 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 2 1 1 1 TERNATIONAL EXC	0 0 868 1653 0 1074 0 0 0 CHANGES	44 0 0 WR-NR 312 3311 1319 1999 0 0 0	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve)
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	- 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EXC	0 0 868 868 1653 0 1074 0 0 0 CHANGES	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 0 75 WR-SR	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0 1.6 25.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 Marginal Margin	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +vel/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/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 EXC Line 400KV MANGDECHH 1,2&3 i.e. All PURDU.	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name UU-ALIPURDUAR AR RECEIPT (from	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 WR-SR	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 2.5.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 1mport(0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	- 2 2 2 2 2 2 2 2 2 1 1 TERNATIONAL EXC	0 0 888 868 1653 0 1074 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PEROMY)	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 0 75 WR-SR	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0 1.6 25.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 Marginal Margin	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +vel/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAAGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI 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 1,2k3 i.e. ALPURBOU. MANGDECHH 40kW MANGDECHH MANGDECHH HEP 4 400kV TALA-BINAGU	0 0 868 868 1653 0 1074 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIFT (from + 180MW) IRI 1,24 (& 400kW) IRI 1,24 (& 400kW)	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 0 75 WR-SR	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 0.0 1.6 25.0	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 Marginal Margin	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +vel/Export(-ve) Energy Exchange
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR 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 TERNATIONAL EXC Line H08X JEA ALIPURDU MANGDECHU HEP 4 400KY TALA BINAGI MALBASE - BINAGU	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from 1810,000 W) RI 1,2.4 (& 400 kV) RI 1,6.8 BINAGURI BEP (6+170 MW)	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 WR-SR	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.5 55.4 0.0 0.0 0.0 0.0 60.9 Import(Avg (MW)	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU)
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-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 1 1 1 1 2 2 2 2 2 4 2 2 1 1 1 1 2 2 2 2 2 2 4 2 2 9 2 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from p+ 180MW) IRI 1,24 (& 400kW	444 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ort/Export of WR (HVDC HVDC 765 kV 400 kV 220 kV 220 kV	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	TERNATIONAL EXTERNATIONAL EXTE	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from p=180MW) F180MW) RI 1,24 (& 400kV	44 0 0 WR-NR 312 3311 1319 1999 0 0 0 WR-SR	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.5 55.4 0.0 0.0 0.0 0.0 60.9 Import(Avg (MW)	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU)
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	TERNATIONAL EXCEPT OF THE PROPERTY OF THE PROP	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PESOW) IRI 1,24 (& 400kV RI 1e, 24 (& 400kV RI 1e,	444 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGABH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	TERNATIONAL EXTERNATIONAL EXTE	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PESOW) IRI 1,24 (& 400kV RI 1e, 24 (& 400kV RI 1e,	444 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604	0.7 0.0 0.0 40.6 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 1-195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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 IN Region ER ER	TERNATIONAL EXCEPT OF THE PROPERTY OF THE PROP	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name U-ALIPURDUAR AR RECEIPT (from PESOW) IRI 1,24 (& 400kV RI 1e, 24 (& 400kV RI 1e,	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.0 0.1 7.1 0.0 16.2 5.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EXC 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400KY MANGDECHU HEP A 400KY TALA-BINAGU MANGDECHU HEP A 400KY TALA-BINAGU MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SAI	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from 1810 MW) 1811;24 (& 4000 W) 1811;24 (& 4000 W) 1811;24 (& 2000 W) 1812 (& 2100 W) 1814 HEP (6*1700 MW) 1815 (BIRPARA (& 2100 W) 1814 HEP (4*10 MW) 1815 (BIRPARA (& 2100 W) 1815 (BIRPARA (& 210 W) 1815 (BIRPA	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 604 1001	0.0 0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 1.6 -35.9 +vey/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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 IN Region ER ER	TERNATIONAL EXCEPT OF THE PROPERTY OF THE PROP	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from 1810 MW) 1811;24 (& 4000 W) 1811;24 (& 4000 W) 1811;24 (& 2000 W) 1812 (& 2100 W) 1814 HEP (6*1700 MW) 1815 (BIRPARA (& 2100 W) 1814 HEP (4*10 MW) 1815 (BIRPARA (& 2100 W) 1815 (BIRPARA (& 210 W) 1815 (BIRPA	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.0 0.1 7.1 0.0 16.2 5.0 Min (MW)	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER	TERNATIONAL EXC 2 2 2 2 2 2 1 1 TERNATIONAL EXC Line 400RV MANGDECHH 1,2x3 i.e. AlIPURDU. MANGDECHU HEP 4 400RV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIPARA RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-RA	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name UU-ALIPURDUAR AR RECEIPT (from 181 12.4 (8.400KV RI) i.e. BINAGURI I.	44 0 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291 25	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 255.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 604 1001 171	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 -ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHH 400kV MANGDECHH 400kV MANGDECHH 400kV TALA-BINAGU MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-R/	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name UU-ALIPURDUAR AR RECEIPT (from 181 12.4 (8.400KV RI) i.e. BINAGURI I.	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291	0.7 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597	0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 604 1001	0.0 0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 1.6 -35.9 +vey/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER	TERNATIONAL EXC 2 2 2 2 2 2 1 1 TERNATIONAL EXC Line 400RV MANGDECHH 1,2x3 i.e. AlIPURDU. MANGDECHU HEP 4 400RV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIPARA RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-RA	0 0 868 868 1653 0 1074 0 0 0 0 CHANGES Name UU-ALIPURDUAR AR RECEIPT (from 181 12.4 (8.400KV RI) i.e. BINAGURI I.	44 0 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291 25	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 255.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 604 1001 171	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 -ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA 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 NER	TERNATIONAL EXC 2 2 2 2 2 2 1 1 1 TERNATIONAL EXC Line 400KV MANGDECHH 1,2k3 i.e. AlPURDU. MANGDECHU HEP 4 400KV MANGDECHU HEP 4 1,2k3 i.e. AlPURDU. MANGDECHU HEP 1 1,2k3 i.e. AlPURDU. 1,2k3 i.e. AlPURDU. 1,2k3 i.e. AlPURDU. 1,2k4 GELEPHU-SAI 1,3k4 MOTANGA-RA 1,3k4 MAHENDRAN TANAKPUR(NHPC)	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from F180MW) PRI 1,24 (& 400kV) RRI 1,24 (& 400kV) RRI 1,24 (& 20kV) A) Le BIRPARA KINA HEP 4*84MW) LAKATI	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291 25	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.2 55.4 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53	0.0 0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 1.6 2.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (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-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER	TERNATIONAL EX 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 400kV MANGDECHH 400kV MANGDECHH 400kV MANGDECHH 400kV TALA-BINAGU MANGDECHU HEP 4 400kV TALA-BINAGU MALBASE - BINAGU MALBASE - BINAGU RECEIPT (from CHU 132kV GELEPHU-SAI 132kV MOTANGA-R/	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from F180MW) PRI 1,24 (& 400kV) RRI 1,24 (& 400kV) RRI 1,24 (& 20kV) A) Le BIRPARA KINA HEP 4*84MW) LAKATI	44 0 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291 25	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 255.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4vg (MW) 604 1001 171	0.0 0.0 -195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 -+ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KY MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEF 4 400KY TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU 132kV GHUKHA-BIR RECEIPT (from TALI 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from Pisomw) IRI 1,24 (& 400kV) IRI 1,24 (& 400kV) Al Le BIRPARA KHA HEP 4*84MW) LAKATI ANGIA AGGAR- OM BIHAR)	444 0 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.1 16.2 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA 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 NER	1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KY MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEF 4 400KY TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU 132kV GHUKHA-BIR RECEIPT (from TALI 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from F180MW) PRI 1,24 (& 400kV) RRI 1,24 (& 400kV) RRI 1,24 (& 20kV) A) Le BIRPARA KINA HEP 4*84MW) LAKATI	44 0 0 WR-NR 312 3311 1319 1999 0 0 75 WR-SR Max (MW) 604 1021 291 25	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.2 55.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53	0.0 0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 1.6 2.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	1 1 1 2 2 2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400KY MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEF 4 400KY TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BINAGU 132kV GHUKHA-BIR RECEIPT (from TALI 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from Pisomw) IRI 1,24 (& 400kV) IRI 1,24 (& 400kV) Al Le BIRPARA KHA HEP 4*84MW) LAKATI ANGIA AGGAR- OM BIHAR)	444 0 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.1 16.2 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.62 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400RV MANGDECHH 1,2x3 i.e. ALIPURDU. MANGDECHU HEP 4 400RV TALA-BINAGI MALBASE - BINAGU MALBASE -	0 0 868 1653 0 1074 0 0 0 CHANGES Name U-ALPURDUAR AR RECEIPT (from F180MW) F180MW) F180MW) F180MW F180MW INTEL (4 400KV RD 1.6 BINACURI LA 1.6 BIRPARA 182 (8 220KV A) I.6 BIRPARA MINA HEP (4°140MW) LAKATI ANGIA AGAR- OM BIHAR) MUZAFFARPUR 1.82	44 0 0 WR-NR 312 3311 1319 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68 -188	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.55.4 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46 -86	0.0 0.0 1-195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5 1.3 -1.1 -2.1
Impo 1 2 3 4 5 6	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN Region ER ER ER NER NER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400RV MANGDECHH 1,2x3 i.e. ALIPURDU. MANGDECHU HEP 4 400RV TALA-BINAGI MALBASE - BINAGU MALBASE -	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from Pisomw) IRI 1,24 (& 400kV) IRI 1,24 (& 400kV) Al Le BIRPARA KHA HEP 4*84MW) LAKATI ANGIA AGGAR- OM BIHAR)	444 0 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.1 16.2 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46	0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.62 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5
19 Impo 1 2 3 4 4 5 6 7 8	220 kV 132 kV 132 kV 132 kV rt/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	TERNATIONAL EX 2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHH HEF4 400kV TALA-BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TALJ 220kV CHUKHA-BIR RECEIPT (from CHU 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MOTANGA-R/ 132kV MOTANGA-R/ 140kV DHALKEBAR- BHERAMARA B/B H	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from 18 180MW) DRI 1;2,4 (& 400W, DRI 1;2,4 (& 400W, AND 1;4 (& 400W, AND	444 0 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68 -188	0.7 0.0 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.1 1.6 25.0 Min (MW) 597 838 0 16 40 -10 -67	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46 -86	0.0 0.0 0.0 195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 1.6 2.5 1.6 24.0 4.1 0.5 1.3 -1.1 -2.1 -5.6
19 Impo 1 2 3 4 4 5 6 7 8	220 kV 132 kV 132 kV ert/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV State	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI ER ER ER NER NER NER NER NER ER	TERNATIONAL EXC 2 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400RV MANGDECHH 1,2x3 i.e. ALIPURDU. MANGDECHU HEP 4 400RV TALA-BINAGI MALBASE - BINAGU MALBASE -	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from 18 180MW) DRI 1;2,4 (& 400W, DRI 1;2,4 (& 400W, AND 1;4 (& 400W, AND	44 0 0 WR-NR 312 3311 1319 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68 -188	0.7 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 1.6 25.0 Min (MW) 597 838 0 16	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 0.55.4 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46 -86	0.0 0.0 0.0 1-195.8 -7.4 -28.0 7.1 -25.4 16.2 0.0 0.0 1.6 -35.9 +ve)/Export(-ve) Energy Exchange (MU) 14.6 24.0 4.1 0.5 1.3 -1.1 -2.1
19 Impo 1 2 3 4 5 6 7 8	220 kV 132 kV 132 kV 132 kV rt/Export of WR (HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	MALANPUR-AURAIVA GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI IN Region ER ER NER NER NER NER NER NER	TERNATIONAL EXC 2 2 2 2 2 2 1 1 1 1 TERNATIONAL EXC Line 400KV MANGDECHH 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 4 400KV TALA-BINAGI MALBASE - BINAGU MANGDECHU HEP 4 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 4 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 4 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 1 1,2k3 i.e. ALIPURDU. MANGDECHU HEP 1 1,3k3 i.e. ALIPURDU. MANGDECHU HEP 1 1,3k3 i.e. ALIPURDU. 1,3k4 MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400KV DHALKEBAR- BHERAMARA B/B H 1,3k4 V COMILLA-SU	0 0 868 868 1653 0 1074 0 0 0 CHANGES Name UL-ALIPURDUAR AR RECEIPT (from 18 180MW) DRI 1;2,4 (& 400W, DRI 1;2,4 (& 400W, AND 1;4 (& 400W, AND	444 0 0 0 WR-NR 312 3311 1319 1999 0 0 0 75 WR-SR Max (MW) 604 1021 291 25 69 -68 -188	0.7 0.0 0.0 0.0 0.0 40.6 0.0 0.1 7.1 0.0 16.2 0.0 0.1 1.6 25.0 Min (MW) 597 838 0 16 40 -10 -67	0.0 0.0 0.0 0.0 236.4 7.4 28.1 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1mport(Avg (MW) 604 1001 171 20 53 -46 -86	0.0 0.0 1.95.8 -1.7.4 -28.0 -7.1 -25.4 -25.4 -0.0 0.0 1.6.2 -0.0 0.0 1.6.2 -35.9 -+ve)/Export(-ve) Energy Exchange (MU) 14.6 -24.0 -4.1 -5.6 -22.0