

## 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

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दिनांक: 18<sup>th</sup> July 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

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 18.07.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18<sup>th</sup> July 2021, is available at the NLDC website.

धन्यवाद.

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



Report for previous day A. Power Supply Position at All India and Regional level 18-Jul-2021 Date of Reporting: NR WR SR ER NER TOTAL Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs) 66365 51709 37885 2938 182729 Peak Shortage (MW) 1100 26 0 0 1127 Energy Met (MU) 532 1568 1210 873 54 4238 Hydro Gen (MU) 366 105 141 193 171 21.05 67 33.54 117 82.76 Wind Gen (MU) Solar Gen (MU)\* 49.10 5.40 0.11 Energy Shortage (MU) 19.00 2.00 0.00 0.000.05 Maximum Demand Met During the Day (MW) (From NLDC SCADA) 70440 52748 41094 24289 2960 184824 Time Of Maximum Demand Met (From NLDC SCADA) 22:29 15:29 09:42 00:11 19:47 B. Frequency Profile (%) Region All India FVI < 49.7 49.7 - 49.8 49.8 - 49.9 < 49.9 49.9 - 50.05 > 50.05 0.033 0.00 C. Power Supply Position in States Max.Demand Drawal Shortage during Energy Met Energy Region States Met during the Schedule Shortage maximum (MU) (MU) (MW) day(MW) Demand(MW) (MU) (MU) 296.6 234 Punjab 12672 450 181.4 -1.6 14.10 Haryana 10385 233.4 183.8 169 Rajasthan 13220 285.8 103.9 4.0 718 0.00 129.3 116.0 Delhi -1.1 NR UP 24085 489.7 227.0 18.9 0.7 745 0.48 Uttarakhand 2158 47.0 0.7 HP 1598 32.2 -2.4 -3.7 0 0.00 J&K(UT) & Ladakh(UT) 2328 46.7 22.3 -0.3 211 3.45 Chandigarh 353 6.5 0.6 0.00 115.7 57.5 4814 161 Chhattisgarh -0.2 2.00 Gujarat 16194 353.3 165.2 -1.1 695 0.00 11194 0 253.8 3.3 935 MP 155. 0.00WR Maharashtra 19107 0 429.4 137.7 -3.6 0.00 Goa 543 11.5 10.7 0.2 0.00 345 DNH 835 19.3 19.1 0.2 62 0.00 AMNSIL 851 19.3 -0.2 293 0.00 Andhra Pradesh 7728 163.0 49.6 0.6 0.00 Telangana 916 9583 184.7 69.2 1.4 0.5 0.00 SR Karnataka 8406 158.9 0.1 660 0.00 62.5 28.5 Kerala 2915 0 0.2 247 0.00 Tamil Nadu 13388 295.7 140.9 573 0.00 -0.3 31 Puducherry 388 0 8.4 8.7 0.00 Bihar 6378 114.5 444 DVC 3086 67.7 -50.0 -0.1 252 0.00 Jharkhand 1376 23.0 ER Odisha 6005 121.9 43.8 0.3 290 0.00 West Bengal 9103 190.4 61.9 1.4 Sikkim 86 1.3 1.5 -0.3 14 0.00 Arunachal Pradesh 141 0 2.3 2.6 -0.3 19 0.01 Assam 1896 35.4 27.3 1.1 146 0.00 Manipur 193 2.3 2.6 -0.331 0.01 NER Meghalaya 305 5.6 0.0 0.00 107 1.5 -0.1 0.01 Mizoram 1.6 16 Nagaland 134 0.0 0.01 4.8 Tripura 0.01 D Tron national Evchanges (MII) - Import(+ve)/Evport(-ve)

	Bhutan	Nepal	Bangladesh
Actual (MU)	47.8	-4.4	-21.9
Day Peak (MW)	2058.0	-307.9	-943.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	386.8	-229.1	-49.5	-101.1	-7.1	0.0
Actual(MU)	387.1	-217.8	-55.7	-108.5	-10.7	-5.6
O/D/U/D(MU)	0.3	11.4	-6.2	-7.4	-3.6	-5.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	4607	13628	8482	2440	655	29812	44
State Sector	6325	18803	8145	4045	11	37329	56
Total	10932	32431	16627	6485	667	67141	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	668	1235	510	531	14	2958	68
Lignite	26	9	44	0	0	79	2
Hydro	366	35	105	141	33	679	16
Nuclear	30	33	41	0	0	104	2
Gas, Naptha & Diesel	32	34	10	0	23	98	2
RES (Wind, Solar, Biomass & Others)	79	101	232	5	0	417	10
Total	1200	1447	941	677	70	4335	100
Share of RES in total generation (%)	6.57	6.99	24.61	0.80	0.16	9.62	
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	39.56	11.67	40.12	21.58	46.81	27.68	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.036				
Based on State Max Demands	1.074				

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)

1	SI							Date of Reporting:	18-Jul-2021
SECONDO   SECO		Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MII)		
1   PINC   ALPERDIAA-GARA   2   6   1902   0.0   291   291   291   192   193	Impo	_		nor or circuit	man import (mr))	Man Export (M111)	Import (MC)	1	1121 (112)
1   DITC				2	0	1202	0.0	29.1	-29.1
1	2		PUSAULI B/B	-					
1				2					
1				i					
S		400 kV		1					
1		400 kV	PUSAULI -ALLAHABAD MUZAFFARRUR-GORAKHPUR	1 2					
10				4					
13				2					
10   20   15   20   20   20   20   20   20   20   2				2					
15   124   125				1					
10   10   10   10   10   10   10   10	14	132 kV	SONE NAGAR-RIHAND	1	0	0	0.0		0.0
Description				1					
				1					
1								114.1	
2   76   1   1   0   20   0   0   0   0   0   0   0						450=		11.0	
1									
1									
S									
Color   Colo									
1									
Depart   D									
ImperEgnet of ER (VIN) SES   241	_/_	220 KV	BUDHIFADAR-KUKBA		105				
1 FUNC. TALCEREROLAR BIPOLE   2	Impo								
1									
1									
Section				2					
				1	1	0	0.0	0.0	0.0
1	Imp	ort/Evnort of ED	With NED)			ER-SR	2.9	57.9	-55.0
3				2	77	261	0.0	3.1	-3.1
3   20   ALPIPERICARSALAKATI   2   0   114   0.0   1.5   1.5	2	400 kV	ALIPURDUAR-BONGAIGAON	2	267		0.0	0.0	0.0
ImportExport of NER (Wish NR)	3	220 kV	ALIPURDUAR-SALAKATI	2	0	111			
HYDE   BISWANATH CHARALLAGRA   2   0   703   0.0   16.8   16.8   16.8	Impo	rt/Export of NER	(With NR)			ER-NER	0.0	4.5	-4.5
ImportExport of VR (With IN)				2	0	703	0.0	16.8	-16.8
HYDC						NER-NR			
HVDC	Impo					2502	0.0	70.7	<b>50.5</b>
3	2								
4   76   14   15   15   15   15   15   15   15			MUNDRA-MOHINDERGARH	2					
6   76   130   130   140   1						3060			-56.9
7.   765 AV   GWALIOR-ORAI									
R			GWALIOR-ORAI						
10	8	765 kV	SATNA-ORAI	i	0	1571	0.0	33.3	
11									
12									
13   4.90 kV   RAPP-SRUALPUR   2			VINDHYACHAL -RIHAND						
S   220 KV   MERIGANORAK   1   0   30   0.0   0.7   -0.7			RAPP-SHUJALPUR	2	0		0.0		
16   220 kV   MERGAON-AURAIYA				1					
17   220 kV   MALANPURAURAYA									
19   132 kV   RAJGHAT-LAUTPUR   2   0   0   0.0   0.0   0.0	17			1	77				
WR-NR   48,7   316,3   -267,6									0.9
Import(Export of WE (With SR)	19	132 kV	GWALIOR-SAWAI MADHOPUR	1			0.0	0.0	0.0
2		132 kV	GWALIOR-SAWAI MADHOPUR	1 2		0	0.0 0.0	0.0 0.0	0.0 0.0
3   765 kV   SOLAPUR-RAICHUR   2   2052   399   23.6   0.0   23.6   1.0	Impo	132 kV 132 kV ort/Export of WR	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR (With SR)	1 2	0	0 WR-NR	0.0 0.0 48.7	0.0 0.0 316.3	0.0 0.0 -267.6
4   765 kV   WARDHA-NIZAMABAD   2   77.4   1396   2.7   9.8   7.1	1	132 kV 132 kV ert/Export of WR HVDC	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B	2	348	0 WR-NR 515	0.0 0.0 48.7 6.9	0.0 0.0 316.3	0.0 0.0 -267.6 6.7
S   400 kV   KOLHAPUR-KUDGI   2   1301   0   20.7   0.0   20.7	2	132 kV 132 kV ort/Export of WR HVDC HVDC	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR	2	348	0 WR-NR 515 0	0.0 0.0 48.7 6.9 23.4	0.0 0.0 316.3 0.3 0.0	0.0 0.0 -267.6 6.7 23.4
7   220 kV   PONDA-AMBEWADI   1   0   0   0.0   0.0   0.0   0.0   1.4	2 3	132 kV 132 kV ort/Export of WR HVDC HVDC 765 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR  With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR	2	348 0 2052	0 WR-NR 515 0 399	0.0 0.0 48.7 6.9 23.4 23.6	0.0 0.0 316.3 0.3 0.0 0.0	0.0 0.0 -267.6 6.7 23.4 23.6
R   220 kV   XELDEM-AMBEWADI	1 2 3 4 5	132 kV 132 kV ert/Export of WR ( HVDC HVDC 765 kV 765 kV 400 kV	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2 2 2 2	348 0 2052 724 1301	0 WR-NR 515 0 399 1396 0	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7	0.0 0.0 316.3 0.3 0.0 0.0 9.8 0.0	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchange (MU)	1 2 3 4 5 6	132 kV 132 kV ort/Export 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	348 0 2052 724 1301 0	0 WR-NR 515 0 399 1396 0	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0	0.0 0.0 316.3 0.0 0.0 0.0 9.8 0.0	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchange (MU)	1 2 3 4 5 6 7	132 kV 132 kV rt/Export of WR   HVDC HVDC 765 kV 400 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SRI BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 1	348 0 2052 724 1301 0	0 WR-NR 515 0 399 1396 0 0 0	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0	0.0 0.0 316.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchange (MU)	1 2 3 4 5 6 7	132 kV 132 kV rt/Export of WR   HVDC HVDC 765 kV 400 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SRI BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMMBAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 2 2 1	348 0 2052 724 1301 0	0 WR-NR 515 0 399 1396 0 0 0	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0	0.0 0.0 316.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0
ER	1 2 3 4 5 6 7	132 kV 132 kV rt/Export of WR   HVDC HVDC 765 kV 400 kV 220 kV	GWALIOR-SAWAI MADDIOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGABR-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 2 1 1	348 0 2052 724 1301 0 0	0 WR-NR 515 0 399 1396 0 0 0	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0	0.0 0.0 316.3 0.3 0.0 0.0 9.8 0.0 0.0 0.0 0.0	0.0 0.0 -267.6 6.7 23.4 -7.1 20.7 0.0 0.0 1.4 68.7
ER 1.2&3 1c. ALIPUTRUJAR RECEIPT (from MANGDECHU HEP 4*180MW)	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADDIOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	348 0 2052 724 1301 0 0	0 WR-NR 515 0 399 1396 0 0 0 0 WR-SR	0.0 0.0 48.7 6.9 23.4 2.7 20.7 0.0 0.0 1.4 78.8	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1 Import(	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 +ve)/Export(-ve) Energy Exchange
MANGEGHU HEP 4*180MW    ER   MOREY TALA BINAGURI 1.24 (& 400RV   1023   1023   1023   24.6	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADDIOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARE-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX	348 0 2052 724 1391 0 0 0 CCHANGES	0 WR-NR 515 0 399 1396 0 0 0 0 WR-SR	0.0 0.0 48.7 6.9 23.4 2.7 20.7 0.0 0.0 1.4 78.8	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1 Import(	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 +ve)/Export(-ve) Energy Exchange
ER	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALJOR-SAWAI MADHOPUR RAJGHAT-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 2 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. ALIPURDU	348 0 2052 724 1301 0 0 0 CCHANGES Name	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR	0.0 0.0 48.7 6.9 23.4 2.7 20.7 0.0 0.0 1.4 78.8	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 -68.7 +ve)/Export(-ve) Energy Exchange
RECEIPT (from TALA REP (6+170MW)   2200 V CHINKH-BIRPARA 1&2 (8 × 200 V V CHINKH-BIRPARA 1&2 V CHINK	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALJOR-SAWAI MADHOPUR RAJGHAT-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 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGDECHI 1,283 ie. ALIPURDU	348 0 2052 724 1301 0 0 0 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*189MW)	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR	0.0 0.0 48.7 6.9 23.4 2.7 20.7 0.0 0.0 1.4 78.8	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 -68.7 +ve)/Export(-ve) Energy Exchange
BHUTAN   ER	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI BR RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHH 142,83 ie. ALIPURDU MANGDECHH HEP MONKY TALA-BINAG	0  348 0 2052 724 1301 0 0 0 CHANGES Name AR RECEIPT (from 4*180MW) UR11,24(k 400kV)	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3 0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1 Import( Avg (MW)	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.1 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII)
NER   132kV GELEPHU-SALAKATI   27   18   22   0.5	1 2 3 4 5 6 7	132 kV 132 kV ert/Export of WR 1 HVDC HVDC 765 kV 400 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI BR RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MECEJIPT (FOR TALI	0  348 0 2052 724 1301 0 0 0 CHANGES Name WHALIPURDUAR AR RECEIPT (from 4*180MW) URI 1,2,4 (8.400kV) URI 1,6,4 (8.400kV) AFP (6*11,2,4 (8.400kV) AFP (	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3 0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1 Import( Avg (MW)	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.1 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII)
NER   132kV GELEPHU-SALAKATI   27   18   22   0.5     NER   132kV MOTANGA-RANGIA   55   20   41   1.0     NR   132kV MAHENDRANAGAR-	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALJOR-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 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 1,2&3 i.e. ALIPURDU 400KV TALA-BINAG MALBASE - BINAGI RECEIPT (from TAL 20kV CHUKHA-BIR	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3
NER   132kV MOTANGA-RANGIA   55   20   41   1.0	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALJOR-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 EX Line 400kV MANGBECHI 1,2&3 Le. ALIPURDU MANGBECHI HEP 400kV TALA BINAG MALBASE - BINAGI ECERIPT (From TAL 220kV CHUKHIA-BIR MALBASE - BIRPAR MALBASE - BIRPAR MALBASE - BIRPAR	0  348 02 2052 724 1301 0 0 0 0 0 CHANGES Name TIC-ALIPURDUAR AR RECEIPT (from 44180MW) UR1 1,2,4 (8.400kV) UR1 1,2,4 (8.400kV) AHEP (6*190MW) PARA IA 2 (8.220kV)	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3
NR 132kV MAHENDRANAGAR- TANAKPUR(NIPC) -77 0 -49 -1.2  NEPAL ER NEPAL IMPORT (FROM BIHAR) -65 -1 -14 -0.3  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -166 -12 -122 -2.9  ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANGLADESH NEB 132kV COMILLA-SURAJMANI NAGAR 138 0 -106 -2.5	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B 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 ERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU MANGBECHI HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAB RECEIPT (from TAL	0  348 02 2052 724 1301 0 0 0 0 0 CHANGES  Name  Name (KH 1,2,4 (8 400kV) 12R 1,2,4 (8	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6
NR 132kV MAHENDRANAGAR- TANAKPUR(NIPC) -77 0 -49 -1.2  NEPAL ER NEPAL IMPORT (FROM BIHAR) -65 -1 -14 -0.3  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -166 -12 -122 -2.9  ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANGLADESH NEB 132kV COMILLA-SURAJMANI NAGAR 138 0 -106 -2.5	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B 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 ERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU MANGBECHI HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAB RECEIPT (from TAL	0  348 02 2052 724 1301 0 0 0 0 0 CHANGES  Name  Name (KH 1,2,4 (8 400kV) 12R 1,2,4 (8	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6
NR TANAKPUR(NHPC) -77 0 -49 -1.2  NEPAL ER NEPAL IMPORT (FROM BIHAR) -65 -1 -14 -0.3  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -166 -12 -122 -2.9  ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANCLADESH NED 132kV COMILLA-SURAJMANI NAGAR 138 0 -106 -25	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B 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 ERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU MANGBECHI HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI MALBASE - BIRPAB RECEIPT (from TAL	0  348 02 2052 724 1301 0 0 0 0 0 CHANGES  Name  Name (KH 1,2,4 (8 400kV) 12R 1,2,4 (8	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 0.0 1.4 78.8 Min (MW)	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6
NR TANAKPUR(NHPC) -77 0 -49 -1.2  NEPAL ER NEPAL IMPORT (FROM BIHAR) -65 -1 -14 -0.3  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -166 -12 -122 -2.9  ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANCLADESH NED 132kV COMILLA-SURAJMANI NAGAR 138 0 -106 -25	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR With SR) BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  ER  ER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU MANGDECHH HEP 400kV TALA-BINAG RECEIPT (from TAL ZORV CHUKHA-BIR MALBASE - BIRAGH MALBASH MALBAS	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657 1023	0.0 0.0 48.7 6.9 23.4 23.4 2.7 20.7 0.0 1.4 78.8 Min (MW) 0	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 0.0 -267.6 6.7 2.3.4 2.3.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4
NEPAL ER NEPAL IMPORT (FROM BIHAR) -65 -1 -14 -0.3  ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -166 -12 -122 -2.9  ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANGLADESH NEB 132kV COMILLA-SURAJMANI NAGAR 138 0 106 -2.5	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALJTPUR With SR) BHADRAWATI B-B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region  ER  ER  ER  ER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 400kV TALA-BINAG MALBASE - BINAGH MALBASE - BINAGH MALBASE - BINAGH MALBASE - BINAGH MALBASE - BIRAGH M	348   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR 515 0 399 1396 0 0 0 71 WR-SR Max (MW) 657 1023	0.0 0.0 48.7 6.9 23.4 23.4 2.7 20.7 0.0 1.4 78.8 Min (MW) 0	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638	0.0 0.0 0.0 -267.6 6.7 2.3.4 2.3.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 .166 .12 .122 .2.9  ER BHERAMARA B/B HVDC (BANGLADESH) .815 .801 .805 .19.3  BANCLADESH NEB 132kV COMILLA-SURAJMANI NAGAR 1.28 0 .106 .2.5	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 1 TERNATIONAL EX 1 Line 400KV MANGDECHH 1,283 ie. ALIPURDU MANGBECH HEP 400KV TALA-BINAG MALBASE - BINAGH M	348   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023  296	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8  Min (MW)  0 1023	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  266	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 .166 .12 .122 .2.9  ER BHERAMARA B/B HVDC (BANGLADESH) .815 .801 .805 .19.3  BANCLADESH NEB 132kV COMILLA-SURAJMANI NAGAR 1.28 0 .106 .2.5	1 2 3 4 5 6 7	132 kV 132 kV wrt/Export of WR t HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 1 TERNATIONAL EX 1 Line 400KV MANGDECHH 1,283 ie. ALIPURDU MANGBECH HEP 400KV TALA-BINAG MALBASE - BINAGH M	348   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023  296	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8  Min (MW)  0 1023	0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  266	0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 128 0 1166 2.5	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALJOR-SAWAI MADDIOPUR RAJGHAT-LALJTPUR With SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region ER ER  ER  NER NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,283 ie. ALIPURDU MANGDECHI HEP 400kV TALA-BINAG RECEIPT (from TAL 132kV MCTANG-BINAG 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC)	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023 296 27 55	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8 Min (MW) 0 1023	0.0 0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  1023  266  22	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
ER BHERAMARA B/B HVDC (BANGLADESH) -815 -801 -805 -19.3  BANGLADESH NED 132kV COMILLA-SURAJMANI NAGAR 138 0 1166 2.5	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALJOR-SAWAI MADDIOPUR RAJGHAT-LALJTPUR With SR) BHADRAWATI BB RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUNGI KOLHAPUR-KUNGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region ER ER  ER  NER NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,283 ie. ALIPURDU MANGDECHI HEP 400kV TALA-BINAG RECEIPT (from TAL 132kV MCTANG-BINAG 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC)	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023 296 27 55	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8 Min (MW) 0 1023	0.0 0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  1023  266  22	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
PANCI ADESH NED 132kV COMILLA-SURAJMANI NAGAR 129 0 196 25	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI TIN Region ER ER ER NER NER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 1 1 TERNATIONAL EX 1 1 TERNATIONAL EX 1 1 1 TERNATIONAL EX 1 1 1 TERNATIONAL EX 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0  348 0 2052 724 1301 0 0 0 0 0 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 12,4 (8 4008K) URI 12,4 (8 4008K) URI 12,4 (8 4008K) AHEP (62170MW) PARA 182 (8 220KV A) i.e. BIRPARA KIIA HEP 4*84MW) LAKATI ANGIA	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023 296 27 55	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8  Min (MW)  0 1023  18 20 -1	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  2266  41  -49	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
PANCI ADESH NED 132kV COMILLA-SURAJMANI NAGAR 129 0 106 2.5	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI TIN Region ER ER ER NER NER NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX 1 1 TERNATIONAL EX 1 1 TERNATIONAL EX 1 1 1 TERNATIONAL EX 1 1 1 TERNATIONAL EX 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0  348 0 2052 724 1301 0 0 0 0 0 CCHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 12,4 (8 4008K) URI 12,4 (8 4008K) URI 12,4 (8 4008K) AHEP (62170MW) PARA 182 (8 220KV A) i.e. BIRPARA KIIA HEP 4*84MW) LAKATI ANGIA	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023 296 27 55	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8  Min (MW)  0 1023  18 20 -1	0.0 0.0 316.3  0.3 0.0 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW)  638  2266  41  -49	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5
	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,284 ie. ALIPURDU MANGDECHI HEP 400kV TALA-BINAG RECEIPT (From TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI 400kV DHALKEBAR	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023  296  27  55 -77 -65	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 1.4 78.8 Min (MW) 0 1023 0 18 20 -1	0.0 0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW) 638  1023  266  22  41 -49 -14	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5 1.0 -1.2 -0.3
	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER	2 2 2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,283 ie. ALIPURDU MANGDECHI 1,284 ie. ALIPURDU MANGDECHI HEP 400kV TALA-BINAG RECEIPT (From TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FI 400kV DHALKEBAR	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023  296  27  55 -77 -65	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 1.4 78.8 Min (MW) 0 1023 0 18 20 -1	0.0 0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW) 638  1023  266  22  41 -49 -14	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5 1.0 -1.2 -0.3
	1 2 3 4 5 6 7	132 kV 132 kV HVDC HVDC 765 kV 765 kV 220 kV 220 kV State	GWALJOR-SAWAI MADHOPUR RAJGHAT-LALITPUR With SR) BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAI KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 Le. ALIPURDU MANGDECHU HEP 400kV TALA-BINAG MALBASE - BINAGI RECEIPT (from CHI 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MOTANGA-R 140kV MAHENDRAN 150kV MAHENDRAN	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023  296  27  55 -77 -65	0.0 0.0 48.7 6.9 23.4 23.6 2.7 20.7 0.0 1.4 78.8 Min (MW) 0 1023 0 18 20 -1	0.0 0.0 0.0 316.3  0.3 0.0 0.0 9.8 0.0 0.0 0.0 10.1  Import( Avg (MW) 638  1023  266  22  41 -49 -14	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5 1.0 -1.2 -0.3
	1 2 3 4 5 6 7 8	132 kV 132 kV wrt/Export of WR HVDC HVDC 765 kV 765 kV 220 kV 220 kV 220 kV State	GWALIOR-SAWAI MADHOPUR RAIGHAT-LALITPUR With SR) BHADRAWATI B/B BHADRAWATI B/B RAIGARH-PUGALUR SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI TIN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1,283 ie. ALIPURDU MANGDECHH 1,283 ie. ALIPURDU MANGDECHH HEP 400kV TALA-BINAG MALBASE - BINAGH MALBASE	0   348   0   0   2052   724   1301   0   0   0   0   0   0   0   0   0	0 WR-NR  515 0 399 1396 0 0 71 WR-SR  Max (MW) 657  1023 296 27 55 -77 -65 -166	0.0 0.0 48.7 6.9 23.4 23.6 2.7 0.0 0.0 1.4 78.8  Min (MW)  0 1023  0 18 20 -1 -12 -801	0.0 0.0 316.3  0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 -267.6 6.7 23.4 23.6 -7.1 20.7 0.0 0.0 1.4 68.7 +ve)/Export(-ve) Energy Exchange (MII) 15.3 24.6 6.4 0.5 1.0 -1.2 -0.3 -2.9 -19.3