

## **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

दिनांक: 15<sup>th</sup> Jul 2020

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 ७९३००६ Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,२९ , रेस कोर्स क्रॉस रोड, बंगलुरु -560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 14.07.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-२०१० की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-जुलाई-२०२० 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 14<sup>th</sup> July 2020, 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 2000 hrs; from RLDCs)	59265	42528	35654	21306	2658	161411
Peak Shortage (MW)	1005	0	0	0	185	1190
Energy Met (MU)	1374	1012	844	440	49	3718
Hydro Gen (MU)	358	46	83	150	31	668
Wind Gen (MU)	15	39	101	-	-	156
Solar Gen (MU)*	35.40	19.40	56.05	4.70	0.03	116
Energy Shortage (MU)	11.0	0.0	0.0	0.0	0.1	11.0
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	63982	43763	39811	20822	2703	161761
Time Of Maximum Demand Met (From NLDC SCADA)	22:10	10:25	09:29	20:56	19:29	20:06

•		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the dav(MW)	maximum Demand(MW)	(MU)	Schedule (MU)	(MU)	(MW)	Shortag (MU)
	Punjab	10826	0	238.3	150.0	-0.7	121	0.0
	Haryana	9068	243	197.8	157.4	2.2	328	0.2
	Rajasthan	11857	0	254.9	102.5	3.0	410	0.0
	Delhi	5919	0	115.6	100.3	-1.4	105	0.0
NR	UP	22702	0	443.1	215.7	-2.4	650	0.0
. 1.2.	Uttarakhand	1983	0	43,3	20.5	1.3	169	0.0
	HP	1427	0	29.4	-1.9	-0.3	122	0.0
	J&K(UT) & Ladakh(UT)	2147	537	45,2	20.2	2.0	206	10.8
	Chandigarh	318	0	6.2	6.0	0.2	38	0.0
	Chhattisgarh	3632	0	87.1	29.7	-0.5	216	0.0
	Guiarat	13289	0	288.3	83.9	3.6	788	0.0
	MP	9869	0	219.7	113.4	-0.4	558	0.0
WR	Maharashtra	17204	0	373.3	138.4	-0.7	711	0.0
	Goa	427	0	8.6	8.1	0.0	60	0.0
	DD	249	0	5.3	5.2	0.1	63	0.0
	DNH	616	0	13.9	13.8	0.1	85	0.0
	AMNSIL	744	0	15.4	3.8	-0.1	249	0.0
	Andhra Pradesh	6879	0	151.3	52.6	-1.3	680	0.0
	Telangana	9098	0	180.6	90.4	-1.2	485	0.0
SR	Karnataka	8880	0	167.6	56.4	-1.4	517	0.0
	Kerala	3171	0	65.3	47.7	0.1	198	0.0
	Tamil Nadu	12533	0	272.3	132.4	-1.6	554	0.0
	Puducherry	348	0	7.5	7.8	-0.3	20	0.0
	Bihar	5469	0	106.3	100.0	0.5	424	0.0
	DVC	2754	0	61.3	-46.1	-0.2	179	0.0
	Jharkhand	1282	0	26.6	19.1	-1.3	110	0.0
ER	Odisha	3945	0	81.9	-0.5	-1.5	309	0.0
	West Bengal	7908	0	162.2	48.6	-0.7	778	0.0
	Sikkim	98	0	1.4	1.4	0.0	16	0.0
	Arunachal Pradesh	107	1	1.9	1.7	0.2	38	0.0
	Assam	1679	149	29.7	26.9	-0.7	171	0.0
	Manipur	192	2	2.6	2.3	0.3	58	0.0
NER	Meghalaya	290	0	5.4	-1.0	0.0	65	0.0
	Mizoram	88	1	1.7	1.2	0.3	13	0.0
	Nagaland	120	2	2.5	2.3	-0.1	35	0.0
	Tripura	292	0	4.7	5.9	-0.1	46	0.0

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	53.7	-2.8	-26.3
Day Peak (MW)	2329.0	-312.5	-1122.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	334.6	-287.5	113.0	-152.2	-7.9	0.0
Actual(MU)	346.2	-289.5	113.9	-167.5	-8.5	-5.4
O/D/U/D(MU)	11.6	-2.0	0.9	-15.3	-0.6	-5.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL
Central Sector	4328	16884	12182	2445	610	36448
State Sector	10524	21370	14423	5142	47	51506
Total Total	14852	38254	26605	7587	656	87954

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	535	1069	383	503	7	2497
Lignite	26	13	18	0	0	58
Hydro	358	46	84	150	31	668
Nuclear	26	32	47	0	0	105
Gas, Naptha & Diesel	45	89	19	0	25	177
RES (Wind, Solar, Biomass & Others)	71	66	194	5	0	337
Total	1061	1315	745	658	63	3841
Share of RES in total generation (%)	6.73	5.00	26.10	0.76	0.05	8.76
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation(%)	42.92	10.88	43.63	23.60	49.25	28.89

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.050
Based on State Max Demands	1.097

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU) Date of Reporting: 15-Jul-2020

Section   Comparison   Compar	SI							Date of Reporting:	15-Jul-2020
		Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)		
1   1970   14   1970   14   14   15   15   15   15   15   15	Imp	-					1	F ,	
PART   PROMISE BY   PART   P				D/C	0	1501	0.0	27.4	-27.4
1	2			-	Ö				
1		765 kV	GAYA-VARANASI					14.8	-14.8
1			SASARAM-FATEHPUR						
1									
BORNAL MICAPATERIA CORRAMPTER   DCC   0   \$29   0.0   \$1.5   \$1.55   \$1.55   \$1.0									
Depart   Part									
1									
12   00   17   00   3.4   3.	10	400 kV	BIHARSHARIFF-BALIA	D/C	0	402	0.0	7.3	-7.3
13   2524   PENALLEANIUPAR   S.C.   S   100   0.0   1.3   1.4			MOTIHARI-GORAKHPUR						-6.1
14   1513   1514   1500   15									
15   1518   15									
10   134V   KANDANASASAHITER									
17   1524   KASBANASCHANDACH   S.C.   0									
	1/	132 KV	KARMANASA-CHANDAULI	S/C					
1   76-44   MIARSCUID-ADRACMARCHI   QC   887   238   4.5   0.0   4.5	Imp	ort/Export of ER (	With WR)			ZAC TIAL	V. <del>-</del>	122.7	-122.0
2   764 V   NEW RANGH-DHARAMIACAN   DC   6.55   216   5.7   6.0   5.7     3   764 V   MARSEUGDA-AGIGER   DC   12   264   6.0   6.3   3.3   3.3     4   600 V   JHARSEUGDA-AGIGER   QC   71   291   0.0   2.3   2.3   2.3     5   600 V   JHARSEUGDA-AGIGER   QC   71   291   0.0   2.3   2.2     7   220 V   BUDDIPOLOR KAKANAN   NC   0   119   0.3   2.0   2.2     7   220 V   BUDDIPOLOR KAKANAN   NC   0   119   0.3   2.0   2.2     8   7   220 V   BUDDIPOLOR KAKANAN   NC   0   119   0.3   2.0   2.2     9   7   220 V   BUDDIPOLOR KAKANAN   NC   0   124   3.2     10   10   10   10   10   10   10	_			O/C	587	238	4.5	0.0	4.5
1	_								
4   400   MIARSEGUA-BARICARRI   QCC   71   291   0.0   2.3   2.3   2.2	_								
S	_								
6   29   NUMPHADAR-RAGASH   StC   0   119   0.0   2.0   2.0   2.0	_								
T	5	400 kV	RANCHI-SIPAT	D/C	243	85	2.0	0.0	2.0
T	_6	220 kV	BUDHIPADAR-RAIGARH	S/C	0	119	0.0	2.0	-2.0
Description of the Wilds SE									
			-						
HVDC   HEYPORE GAZIWAKA BIB   DC   0   SM   0.0   12.4   -12.4   -12.4   1.10.5	Imp	ort/Export of ER (	With SR)						
3.7 654   ANGEL-SRIKARULAN   DTC   0   2382   0.0   39.0   39.0   39.0		HVDC	JEYPORE-GAZUWAKA B/B						
4									
S   2014   BALMETA-PEPERSIERER   SC   1									
DESCRIPTION   SERVICE   SERVICE   Description   SERV		400 kV							
ImportPaper of ER (Win NEE)	_5_	220 kV	BALIMELA-UPPER-SILERRU	S/C	1 1				
1	Terror	out/Enmont - PET C	Wal MED			ER-SR	0.0	92.8	-92.8
2				D/C	Ι Δ	470	0.0	10	40
3									
FR.NER   0.0   10.7   -10.7									
Import   NER   WIR   NE	-	220 K V	ALII URDUAR GALARATI	D/C					
1   HYPC   BISWANATH CHARMAL-AGRA   DC   0   1106   0.0   22.0   -22.0   -22.0	Imp	ort/Export of NER	(With NR)			ER-11ER	0.0	10.7	-10./
NER.NR	1	HVDC	BISWANATH CHARIALI-AGRA	D/C	0	1106	0.0	22.0	-22.0
						NER-NR		22.0	
A	Imp	ort/Export of WR (	With NR)						
3   HVDC   MINDRA-MOHINDER/ABH   DC   0   1917   0.0   40.2   4-0.2   4   7765 KV   GWALIORAGRA   DC   0   22590   0.0   44.5   44.5   5   765 KV   PHAGI-GWALIOR   DC   0   1357   0.0   23.8   23.8   6   7365 KV   PHAGI-GWALIOR   DC   0   1357   0.0   23.8   23.8   8   765 KV   JABAL PHENORAL   DC   0   1357   0.0   33.8   23.8   8   765 KV   JABAL PHENORAL   DC   0   1244   0.0   14.1   14.1   18   765 KV   SAINA-CRAIL   SC   0   15.40   0.0   14.1   14.1   10   4400 KV   ZERDA-SHINMAL   SC   50   190   0.0   1.5   1.5   11   4400 KV   ZERDA-SHINMAL   SC   50   190   0.0   1.5   1.1   12   4400 KV   ZERDA-SHINMAL   SC   50   190   0.0   1.5   1.2   13   4400 KV   ZERDA-SHINMAL   SC   50   190   0.0   1.5   1.2   14   400 KV   ZERDA-SHINMAL   SC   50   190   0.0   1.5   1.1   15   2400 KV   VIDITYACHIA - SHIRMAN   SC   177   0   0   22.7   0.0   22.1   16   2200 KV   BHANPUR ANAPUR   SC   11   0   0.0   1.6   1.6   15   2200 KV   BHANPUR ANABRA   SC   0   121   0.0   1.7   1.7   16   2200 KV   MEHICANOLARA   SC   0   121   0.0   1.7   1.7   17   2200 KV   MEHICANOLARA   SC   89   0   1.0   0.0   1.0   18   1324 K   CWALIORA-WAT MADHOUR   SC   89   0   1.0   0.0   1.0   19   1324 K   RAAGIBAT-LALITURE   DC   0   0   0   0   0   0   10   13   1324 K   CWALIORA-WAT MADHOUR   SC   0   0   0   0   0   0   10   10   10		HVDC	CHAMPA-KURUKSHETRA	D/C	0	2003	0.0	58.0	
4   765 kV   GWALJORAGRA   DC   0   259h   0.0   44.5   44.5				-					
S									
6   765 kV   GWALIOROBAI   DIC   0   1003   0.0   35.3   -35.3   -35.3   -35.7   7   765 kV   GWALIOROBAI   SIC   438   0   8.7   0.0   8.7   -8.7									
7   765 kV		765 kV	PHAGI-GWALIOR						
R   765 kV   SATNA-ORAI									
9   765 kV   CHITORGARH-BANASKANTHA   DC   0   1244   0,0   14.1   -14.1     10   400 kV   ZERDA-RANKROLI   S/C   50   190   0,0   1.5   -1.5     11   400 kV   ZERDA-BHINMAL   S/C   124   302   0,0   2.1   -2.1     12   400 kV   YINDHACHAL -BHAND   S/C   124   302   0,0   2.27     13   400 kV   YINDHACHAL -BHAND   S/C   977   0   22.7   0,0   22.7     14   220 kV   YINDHACHAL -BHAND   D/C   142   495   0,0   5.8   -5.8     14   220 kV   BHANYER   S/C   11   0   0,0   1.6   -1.6     15   220 kV   BHANYER   S/C   11   0   0,0   1.6   -1.6     15   220 kV   BHANYER   S/C   130   0   0,0   0.0     17   220 kV   MALASYFRAKRAN   S/C   130   0   0,0   0.0     18   132 kV   GWALIOR-SAWAI MADHOPUR   S/C   0   0   0,0   0,0   0.0     19   132 kV   RAGGHAT-LAITPUR   D/C   0   0   0,0   0,0   0.0     19   132 kV   RAGGHAT-LAITPUR   D/C   0   0   0,0   0,0   0.0     19   132 kV   RAGGHAT-LAITPUR   D/C   0   0   0,0   0,0   0.0     10   10   10   10   10   10   10									
10   490 kV   ZERDA-KANKROLI									
11   400 kV   VINDIYACHAL -RIHAND									
12   490 kV   VINDITYACHAL -RHAND   SC   977   0   22.7   0.0   22.7     13   490 kV   RAPP-RIVILAPUR   DC   142   495   0.0   5.8   -5.8     14   220 kV   RAPP-RIVILAPUR   SC   11   0   0.0   1.6   -1.6     15   220 kV   BHANPURA-RANPUR   SC   11   0   0.0   1.7   -1.7     16   220 kV   BHANPURA-MORAK   SC   0   121   0.0   1.7   -1.7     17   220 kV   MALON-RANDAK   SC   130   0   1.0   0.0   1.0     17   220 kV   MALON-RANDAK   SC   130   0   1.0   0.0   1.0     18   132 kV   WALIOK-RANDAK   SC   89   0   1.9   0.0   0.0     18   132 kV   WALIOK-RANDAK   SC   0   0   0   0.0   0.0     19   18   132 kV   WALIOK-RANDAK   SC   0   0   0   0.0   0.0     19   19   19   19   10   1.0     10   10   10   10   1.0     11   HVDC   BHADRAWATI BB   -   0   99   0.0   1.7     1   HVDC   BHADRAWATI BB   -   0   99   0.0   1.7     2   HVDC   RAIGARI-PUGALUR   DC   0   0   0.0   0.0   0.0     3   765 kV   SOLAPIRE-RAICHUR   DC   0   0   0.0   0.5     4   765 kV   KOLHAPUR-KUBG   DC   699   257   0.0   32.7   -32.7     5   490 kV   KOLHAPUR-KUBG   DC   699   25   6.8   0.0   6.8     6   220 kV   KOLHAPUR-KUBG   DC   69   0   0   0.0   0.0   0.0     8   220 kV   KOLHAPUR-KUBG   DC   0   0   0   0.0   0.0     8   220 kV   KOLHAPUR-KUBG   DC   0   0   0   0.0   0.0     8   ER   CHUKA (4 * 84) BIRPARA RECEIPT   359   337   323   7.8    BHUTAN   ER   MASGDECHHI (4 x 180)   SC   0   75   1.4   0.0   1.4    ER   DAGACHU (2 * 63)   0   0   0   0   0   0.0    RER   132kV-SALAKATI - GELEPHU   57   0   51   1.2    NER   132kV-SALAKATI - GELEPHU   57   0   51   1.2    NER   132kV-SALAKATI - GELEPHU   57   0   51   1.2    NER   132kV-SALAKATI - GELEPHU   57   0   -24   -0.6    MahodedramagartPG)   -57   0   -24   -0.6    MahodedramagartPG)   -57   0   -24   -0.6    MEAN   MAROBECHHI (4 x 180)   -57   0   -24   -0.6    MEAN   MAROBECHHI (4 x 180)   -57   0   -24   -0.6    MEAN   MAROBECHHI (4 x 180)   -57   0   -57   -23.0    NER   132kV-SALAKANI - GELEPHU   57   0   -57   -57   -57   -57   -57   -57   -57   -57   -57   -57   -57   -57				S/C					
14   220 kV   BHANPURA-BRANPUR				S/C	977	0	22.7	0.0	22.7
15   220 kV   BHANPURA-MORAK	13	400 kV	RAPP-SHUJALPUR	D/C	142	495	0.0	5.8	-5.8
16   220 kV   MERGAON-AIRARYA   S/C   130   0   1.0   0.0   1.0   1.0     17   220 kV   MALANDER-AURARYA   S/C   89   0   1.9   0.0   1.9     18   132 kV   MALANDER-AURARYA   S/C   0   0   0.0   0.0   0.0   0.0     19   132 kV   RAJGHAT-LALITPUR   D/C   0   0   0   0.0   0.0   0.0   0.0     19   132 kV   RAJGHAT-LALITPUR   D/C   0   0   0   0.0   0.0   0.0   0.0     19   132 kV   RAJGHAT-LALITPUR   D/C   0   0   0.0   0.0   0.0   0.0   0.0     19   12 kV   RAJGHAT-LALITPUR   D/C   0   0   0.0   0.0   0.0   0.0     10   10   10   10   10   10   10		220 kV	BHANPURA-RANPUR						
17   220 kV   MALANPUR-AURAIYA   S/C   89   0   1.9   0.0   1.9									
18   132 kV   GWALIOR-SAWAI MADHOPUR   S/C   0   0   0.0   0.0   0.0   0.0									
19   132 kV   RAJGHAT-LALITPUR									
WR-NR		132 kV	GWALIOR-SAWAI MADHOPUR						
Import/Export of WR (With SR)   -   0   999   0.0   17.9   -17.9	19	132 KV	RAJGHAT-LALITPUR	D/C	U				
1	Imp	ort/Export of WD	With SR)			WK-NK	40.3	200.5	-214.2
2					n	999		17 0	-17 0
3   765 kV   SOLAPUR-RAICHUR							0.0		
4   765 kV   WARDHA-NIZAMBAD   D/C   0   2257   0.0   32.7   -32.7						0			0.0
S   440 kV   KOLHAPUR-KUDGI   D/C   699   25   6.8   0.0   6.8				D/C	75		0.0	0.0	
Color	- 5	/05 KV				2021	0.0 0.0	0.0 25.4	-25.4
Size   Negon   Size		400 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI	D/C D/C	0 699	2021 2257 25	0.0 0.0 0.0 6.8	0.0 25.4 32.7 0.0	-25.4 -32.7 6.8
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchan (MU)		400 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	D/C D/C D/C	699 0	2021 2257 25 0	0.0 0.0 0.0 6.8 0.0	0.0 25.4 32.7 0.0 0.0	-25.4 -32.7 6.8 0.0
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchan (MU)	7	400 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C S/C	0 699 0	2021 2257 25 0	0.0 0.0 0.0 6.8 0.0	0.0 25.4 32.7 0.0 0.0	-25.4 -32.7 6.8 0.0 0.0
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exchan (MU)	7	400 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C S/C	0 699 0	2021 2257 25 0 0 75	0.0 0.0 0.0 6.8 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0	-25.4 -32.7 6.8 0.0 0.0
ER   DAGACHU (2 * 63)   0   0   0   0.0	7	400 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C S/C S/C	0 699 0 0	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0	-25.4 -32.7 6.8 0.0 0.0
BHUTAN   ER   DAGACHU (2 * 63 )   0   0   0   0   0   0   0   0   0	7	400 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C D/C D/C S/C S/C	0 699 0 0	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0	-25.4 -32.7 6.8 0.0 0.0 1.4 -67.8
BHUTAN  ER CHUKA (4 * 84) BIRPARA RECEIPT 359 337 323 7.8  ER MANGDECHHU (4 x 180) 781 778 773 18.6  ER TALA (6 * 170) BINAGURI RECEIPT 1064 1059 1037 24.9  NER 132KV-SALAKATI - GELEPHU 57 0 51 1.2  NER 132KV-RANGIA - DEOTHANG 68 0 55 1.3  NR 132KV-Tanakpur(NH) - 57 0 -24 -0.6  Mahendranagar(PG) -57 0 -24 -0.6  NEPAL ER 132KV-BHAR - NEPAL -76 -15 1-19 -0.5  ER 220KV-MUZAFFARPUR - 180 -4 -72 -1.7  ER Bheramara HVDC(Bangladesh) -961 -560 -957 -23.0  BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) 1 152KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) 1	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C D/C D/C S/C S/C INTER	0 699 0 0 0	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8
BHUTAN  ER CHUKA (4 * 84) BIRPARA RECEIPT 359 337 323 7.8  ER MANGDECHHU (4 x 180) 781 778 773 18.6  ER TALA (6 * 170) BINAGURI RECEIPT 1064 1059 1037 24.9  NER 132KV-SALAKATI - GELEPHU 57 0 51 1.2  NER 132KV-RANGIA - DEOTHANG 68 0 55 1.3  NR 132KV-Tanakpur(NH) - 57 0 -24 -0.6  Mahendranagar(PG) -57 0 -24 -0.6  NEPAL ER 132KV-BHAR - NEPAL -76 -15 1-19 -0.5  ER 220KV-MUZAFFARPUR - 180 -4 -72 -1.7  ER Bheramara HVDC(Bangladesh) -961 -560 -957 -23.0  BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) 1 152KV-SURAJMANI NAGAR - COMILLA(BANGLADESH) 1	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C D/C D/C S/C S/C INTER	0 699 0 0 0	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8
BHUTAN   ER	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	D/C D/C D/C S/C S/C S/C Line	0 699 0 0 0 0 NATIONAL EXCHA!	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2	0.0 25.4 32.7 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 Energy Exchange (MU)
BHUTAN   ER	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region	D/C D/C D/C S/C S/C S/C Line	0 699 0 0 0 0 NATIONAL EXCHA!	2021 2257 25 0 0 75 WR-SR	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2	0.0 25.4 32.7 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 Energy Exchange (MU)
ER	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	D/C D/C D/C S/C S/C S/C INTER Line DAGACHU ( 2 * 63	0 699 0 0 0 0 RNATIONAL EXCHA	2021 2257 25 0 0 75 WR-SR NGES Max (MW)	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW)	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 -67.8 -67.8
ER	7	400 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER	D/C D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84 ) B	0 699 0 0 0 NATIONAL EXCHA: Name	2021 2257 25 0 0 75 WR-SR NGES Max (MW)	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW)	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 -67.8 -67.8
NER   132KV-SALAKATI - GELEPHU   57   0   51   1.2     NER   132KV-RANGIA - DEOTHANG   68   0   55   1.3     NR   132KV-Tanakpur(NH) -	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	D/C D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES  Max (MW) 0 359	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 -67.8 -67.8 -67.8
NER   132KV-RANGIA - DEOTHANG   68   0   55   1.3	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER	D/C D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES  Max (MW) 0 359	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0 Avg (MW)	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8 -67.8 -67.8 -67.8
NER   132KV-RANGIA - DEOTHANG   68   0   55   1.3	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	D/C D/C D/C S/C S/C INTES Line DAGACHU (2 * 63 CHUKA (4 * 84) E MANGDECHHU (4 ALIPURDUAR RE	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323	-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8  Energy Exchange (MU) -0.0 -7.8
NR	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) B1	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6
NR	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER	D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) B1	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781	0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6
NR   Mahendranagar(PG)   -57   0   -24   -0.6     NEPAL   ER   132KV-BIHAR - NEPAL   -76   -15   -19   -0.5     ER   220KV-MUZAFFARPUR -   -180   -4   -72   -1.7     ER   Bheramara HVDC(Bangladesh)   -961   -560   -957   -23.0     BANGLADESH   NER   132KV-SURAJMANI NAGAR -   80   0   -69   -1.7     132KV-SURAJMANI NAGAR -   80   0   -69   -1.7     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER ER NER	D/C D/C D/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57	0.0 0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW)  0 323 773 1037	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9
NR   Mahendranagar(PG)   -57   0   -24   -0.6     NEPAL   ER   132KV-BIHAR - NEPAL   -76   -15   -19   -0.5     ER   220KV-MUZAFFARPUR -   -180   -4   -72   -1.7     ER   Bheramara HVDC(Bangladesh)   -961   -560   -957   -23.0     BANGLADESH   NER   132KV-SURAJMANI NAGAR -   80   0   -69   -1.7     132KV-SURAJMANI NAGAR -   80   0   -69   -1.7     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70   -70   -70   -70   -70   -70     132KV-SURAJMANI NAGAR -   -70	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER ER NER	D/C D/C D/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57	0.0 0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW)  0 323 773 1037	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9
NEPAL   ER   132KV-BiHAR - NEPAL   -76   -15   -19   -0.5	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER NER	D/C D/C D/C S/C S/C S/C INTER Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57 68	0.0 0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778 1059 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2
ER	7	400 kV 220 kV 220 kV 220 kV 220 kV	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER NER	D/C D/C D/C S/C S/C S/C S/C  INTEF  Line  DAGACHU ( 2 * 63 CHUKA ( 4 * 84 ) B MANGDECHHU ( ALIPURDUAR RE TALA ( 6 * 170 ) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57 68	0.0 0.0 0.0 0.0 6.8 0.0 0.0 1.4 8.2 Min (MW) 0 337 778 1059 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2
ER DHALKEBAR DC -180 -4 -72 -1.7  ER Bheramara HVDC(Bangladesh) -961 -560 -957 -23.0  BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-1 132KV-SURAJMA	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER NER NER	D/C D/C D/C S/C S/C S/C  INTER  Line  DAGACHU ( 2 * 63 CHUKA ( 4 * 84 ) B MANGDECHHU ( ALIPURDUAR RE  TALA ( 6 * 170 ) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur() Mahendranagar(PC	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57 68 -57	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24	2-25.4 3-2.7 6.8 0.0 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3
ER DHALKEBAR DC -180 -4 -72 -1.7  ER Bheramara HVDC(Bangladesh) -961 -560 -957 -23.0  BANGLADESH NER 132KV-SURAJMANI NAGAR - COMILLA(BANGLADESH)-1 132KV-SURAJMA	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER ER NER NER	D/C D/C D/C S/C S/C S/C  INTER  Line  DAGACHU ( 2 * 63 CHUKA ( 4 * 84 ) B MANGDECHHU ( ALIPURDUAR RE  TALA ( 6 * 170 ) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur() Mahendranagar(PC	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 0 75 WR-SR  NGES Max (MW) 0 359 781 1064 57 68 -57	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24	2-25.4 3-2.7 6.8 0.0 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3
ER   Bheramara HVDC(Bangladesh)   -961   -560   -957   -23,0	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  ER  NER  NER  NER	D/C D/C D/C S/C S/C  INTER  Line  DAGACHU (2 * 63 CHUKA (4 * 84 ) B MANGDECHHU TALA (6 * 170 ) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N Mahendranagar(PC 132KV-BIHAR - NI	0 699 0 0 0 0 ENATIONAL EXCHA Name 1) SIRPARA RECEIPT IX 1800 CEIPT INAGURI RECEIPT - GELEPHU DECTHANG HH 1- E)	2021 2257 25 0 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57	0.0 0.0 0.0 0.0 0.0 6.8 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0 -15	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW)  0 323 773 1037 51 55 -24 -19	2-25.4 3-2.7 6.8 0.0 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3 -0.6
BANGLADESH NER 132KV-SURAJMANI NAGAR - 80 0 -69 -1.7    132KV-SURAJMANI NAGAR - 80 0 -69 -1.7	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  Region  ER  ER  ER  ER  NER  NER  NER	D/C D/C D/C S/C S/C S/C INTES Line DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N Mahendranagar(1) 132KV-BIHAR - NI 1220KV-MUZAFFA	0 699 0 0 0 0 ENATIONAL EXCHA Name 1) SIRPARA RECEIPT IX 1800 CEIPT INAGURI RECEIPT - GELEPHU DECTHANG HH 1- E)	2021 2257 25 0 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57	0.0 0.0 0.0 0.0 0.0 6.8 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0 -15	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW)  0 323 773 1037 51 55 -24 -19	2-25.4 3-2.7 6.8 0.0 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3 -0.6
BANGLADESH NER COMILLA(BANGLADESH)-1 80 0 -69 -1.7  1378/SJIBA NIAN NA CAB -	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-CHIKODI FONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER NER NER NER NER NER ER E	D/C D/C D/C S/C S/C  INTEL Line  DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N Mahendranagar(PC Mahendranagar(TC 132KV-BIHAR - NI 220KV-MUZAFFAL DHALKEBAR DC	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57 -76 -180	0.0 0.0 0.0 0.0 0.0 6.8 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0 -15	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24 -19 -72	2-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8  Energy Exchange (MU) -0.0 -7.8 -18.6 -24.9 -1.2 -1.3 -0.6 -0.5 -1.7
BANGLADESH NER COMILLA(BANGLADESH)-1 80 0 -69 -1.7  1378/SJIBA NIAN NA CAB -	7	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-CHIKODI FONDA-AMBEWADI XELDEM-AMBEWADI Region ER ER ER ER NER NER NER NER NER ER E	D/C D/C D/C S/C S/C  INTEL Line  DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N Mahendranagar(PC Mahendranagar(TC 132KV-BIHAR - NI 220KV-MUZAFFAL DHALKEBAR DC	0 699 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57 -76 -180	0.0 0.0 0.0 0.0 0.0 6.8 0.0 0.0 0.0 1.4 8.2  Min (MW) 0 337 778 1059 0 0 -15	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24 -19 -72	2-25.4 -32.7 -6.8 -0.0 -0.0 -1.4 -67.8  Energy Exchange (MU) -0.0 -7.8 -18.6 -24.9 -1.2 -1.3 -0.6 -0.5 -1.7
132KV-SURAJMANI NAGAR -	7 8	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  Region  ER  ER  ER  ER  NER  NER  NER  NER  N	D/C D/C D/C S/C S/C S/C  INTER Line  DAGACHU ( 2 * 63 CHUKA ( 4 * 84 ) B MANGDECHHU (4 ALIPURDUAR RE TALA ( 6 * 170 ) Bi 132KV-SALAKATI 132KV-RANGIA - 1 132KV-Tanakpur(N Mahendranagar(PC 132KV-BIHAR - NI 132KV-	O 699 O 0 O 0 O 0 O 0 O 0 O 0 O 0 O 0 O 0 O 0	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57 -76 -180 -961	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24 -19 -72	2-25.4 3-32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3 -0.6 -0.5 -1.7
NED DER COURTS OF O CO	7 8	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  Region  ER  ER  ER  ER  NER  NER  NER  NER  N	D/C D/C D/C S/C S/C  INTEL Line  DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-BIHAR - NI 220KV-MUZAFFA DHALKEBAR DC Bheramara HVDCC 132KV-SURAJMAI COMILLA(BANGI	0 699 0 0 0 0 ENATIONAL EXCHA Name  SIMPARA RECEIPT 1 x 180) CEIPT INAGURI RECEIPT 1 - GELEPHU DEOTHANG (III) - EPAL RPUR - Bangladesh) VI NAGAR - ADESH)-1	2021 2257 25 0 75 WR-SR  NGES  Max (MW) 0 359 781 1064 57 68 -57 -76 -180 -961	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW) 0 323 773 1037 51 55 -24 -19 -72	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3 -0.6 -0.5 -1.7
NER   COMILLA(BANGLADESH)-2   81   0   -69   -1.7	7 8	400 kV 220 kV 220 kV 220 kV 220 kV State	WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI  Region  ER  ER  ER  NER  NER  NER  NER  NER	D/C D/C D/C S/C S/C  INTEL Line  DAGACHU (2 * 63 CHUKA (4 * 84) B MANGDECHHU (4 ALIPURDUAR RE TALA (6 * 170) BI 132KV-SALAKATI 132KV-RANGIA - 1 132KV-BIHAR - NI 220KV-MUZAFFA DHALKEBAR DC Bheramara HVDCC 132KV-SURAJMAI COMILLA(BANGI	0 699 0 0 0 0 ENATIONAL EXCHA Name  SIMPARA RECEIPT 1 x 180) CEIPT INAGURI RECEIPT 1 - GELEPHU DEOTHANG (III) - EPAL RPUR - Bangladesh) VI NAGAR - ADESH)-1	2021 2257 25 0 75 WR-SR  NGES  Max (MW)  0 359 781 1064 57 68 -57 -76 -180 -961 80	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.4 32.7 0.0 0.0 0.0 0.0 76.0  Avg (MW)  0 323 773 1037 51 55 -24 -19 -72 -957	25.4 32.7 6.8 0.0 0.0 1.4 -67.8  Energy Exchange (MU) 0.0 7.8 18.6 24.9 1.2 1.3 -0.6 -0.5 -1.7 -23.0