

## 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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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक:12<sup>th</sup> August 2021

To,

- 1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता 700033 Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 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 11.08.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-अगस्त-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 11<sup>th</sup> August 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 Date of Reporting:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 20:00 hrs; from RLDCs)	62394	55650	43196	22734	2940	186914
Peak Shortage (MW)	350	0	20	1038	2	1410
Energy Met (MU)	1433	1298	1082	507	58	4377
Hydro Gen (MU)	383	41	177	118	29	748
Wind Gen (MU)	51	114	132	-		297
Solar Gen (MU)*	56.46	28.05	101.20	4.39	0.20	190
Energy Shortage (MU)	5.18	0.00	0.02	3.19	0.00	8.39
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	65111	55966	51618	23453	2971	191692
Time Of Maximum Demand Met (From NLDC SCADA)	22:23	15:59	10:39	21:46	19:24	11:58

B. Frequency Profile (%)
Region
All India

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	· -/	(MU)	( -/	,	(MU)
	Punjab	12501	0	283.6	164.9	-0.7	250	0.00
	Haryana	10124	0	220.2	169.8	-0.3	198	0.00
	Rajasthan	11978	0	265.3	54.5	1.6	583	0.32
	Delhi	5705	0	116.6	106.3	-1.7	136	0.01
NR	UP	21843	0	416.8	180.9	-2.2	263	0.16
	Uttarakhand	1973	0	44.5	17.6	-0.2	99	0.62
	HP	1521	0	33.9	-6.6	0.2	94	0.62
	J&K(UT) & Ladakh(UT)	2232	250	45.3	21.2	-1.3	206	3.45
	Chandigarh	348	0	6.5	6.9	-0.4	18	0.00
	Chhattisgarh	4611	0	112.1	53.5	0.1	323	0.00
	Guiarat	18342	0	405.2	176.6	-1.4	418	0.00
	MP	9313	0	200.8	104.7	-1.1	440	0.00
WR	Maharashtra	23699	0	522.1	163.9	0.9	690	0.00
	Goa	583	0	13.3	11.8	0.8	29	0.00
	DD	337	0	7.5	7.0	0.5	83	0.00
	DNH	841	0	19.6	19.2	0.4	91	0.00
	AMNSIL	801	0	17.6	7.2	0.3	277	0.00
	Andhra Pradesh	10130	0	206.1	65.4	1.5	806	0.00
	Telangana	12452	0	249.2	100.4	1.4	938	0.00
SR	Karnataka	11371	0	203.6	23.1	-0.4	452	0.00
	Kerala	3373	0	70.9	30.1	-0.7	187	0.00
	Tamil Nadu	15387	0	343.5	136.3	-1.6	449	0.00
	Puducherry	393	20	8.8	8.9	-0.1	36	0.02
	Bihar	5961	0	119.7	111.8	0.7	348	2.70
	DVC	3038	0	64.4	-38.7	0.1	426	0.00
	Jharkhand	1474	138	29.0	23.0	-1.4	168	0.49
ER	Odisha	5217	0	108.0	34.8	-1.0	504	0.00
LIK	West Bengal	8960	0	184.3	55.7	1.1	435	0.00
	Sikkim	86	0	1.4	1.3	0.1	21	0.00
	Arunachal Pradesh	140	0	2.5	2.3	0.1	61	0.00
	Assam	1926	0	37.3	29.6	-0.1	179	0.00
	Assam Manipur	205	0	2.7	29.6	0.1	39	0.00
NER	Meghalaya	328	0	5.8	0.8	0.1	69	0.00
NEK	Mizoram	101	0	1.6	1.2	0.0	19	0.00
		144	0			0.0	40	0.00
	Nagaland Tripura	144 291	0	2.5 5.2	2.3 5.4	-0.1	40	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	21.1	-3.0	-20.1
Day Peak (MW)	1024.0	-536.7	-876.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	257.9	-166.4	25.0	-111.5	-4.9	0.0
Actual(MU)	240.2	-167.2	26.0	-100.9	-5.6	-7.5
O/D/II/D(MII)	-17.7	-0.8	1.0	10.7	-0.7	-7.5

F. Generation Outage(MW)

r. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	5312	17008	9732	1105	659	33815	50
State Sector	7010	16285	6965	3795	11	34066	50
Total	12322	33293	16697	4900	670	67881	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	638	1229	535	515	11	2927	65
Lignite	25	12	45	0	0	82	2
Hydro	383	41	177	118	29	748	17
Nuclear	18	33	36	0	0	87	2
Gas, Naptha & Diesel	20	28	10	0	28	86	2
RES (Wind, Solar, Biomass & Others)	128	142	267	4	0	542	12
Total	1213	1485	1070	637	69	4473	100
CI APPOLLATION OF COLUMN							-
Share of RES in total generation (%)	10.58	9.59	24.93	0.70	0.29	12.12	
Share of Non-fossil fuel (Hydro Nuclear and RES) in total generation(%)	43.67	14 54	44 85	19 19	43 10	30.79	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.039
Based on State Max Demands	1.084

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: 12-Aug-2021

Section   Line Details   No. of Circuit   Max Import (AW)   Import (AW)   Export (AW)   Import (AW)   Export (AW)	No Impo								
	Impo	Voltago I aval	I ino Dotoile	No. of Circuit	May Import (MW)	May Evport (MW)	Import (MII)	Date of Reporting:	
THE COLOR ALTERIOR ALCORA   2				No. of Circuit	Max Import (M W)	Max Export (MW)	Import (MC)	Export (MC)	NEI (MU)
1   170   174   174   175   174   175					1 6	1001	0.0	25.5	25.5
1									
1				2					
1				1					
1	- 5	765 kV	GAYA-BALIA	i	0	441	0.0	6.6	-6.6
Dec				1					-3.7
1				1	0				
B				2	2				-5.3
1   000   000   000   0.0				4					-10.4
12   2004X   BIMASSHAMPEYARANANI   2   392   88   0.9   0.			MOTIHARI-CORAKHPUR	2					
13   12524   PENNELLASHEPHEN   1   23   97   0.0   0.9   -0.9   -0.9   -0.9   -0.0   0.0				2					
14   1514				ī					
15   1534   CARVIALBERIAND     1   20   0   0.5   0.0   0.5   0.0   0.5   0.0   0.				1				0.0	
17   1214   KARMANASACHANDALT    1				1	20	0			0.5
Property and TRE (VIR) WIR.   14				1	3				
	17	132 kV	KARMANASA-CHANDAULI	1	. 0				
1   76   YE   MIASSIGGIA-DHARMAIGARE   4   785   318   6.0   0.0   0.0   1.5	Impo	rt/Eyport of FR (	With WD)			ER-NR	1.4	08.0	-00.0
1				4	795	319	6.0	0.0	6.0
3	-								
4									
S									
Total Programmer									
Total	- 5	400 kV	RANCHI-SIPAT	2	283	92	3.8		3.8
PROPERTY   FR. (VIB) SET   11   11   12   13   14   15   15   15   15   15   15   15	6	220 kV	BUDHIPADAR-RAIGARH	1	0	147	0.0	2.2	-2,2
PROPERTY   FR. (VIB) SET   11   11   12   13   14   15   15   15   15   15   15   15									
ImportPayment of ER (Wide NE)									
1   HYDC   HYDPORE-GAZIWARA BER   2   0   463   0.0   10.1   -10.1   -10.2	Impo								
3	1	HVDC	JEYPORE-GAZUWAKA B/B	2					
490 kV   TALCHER-IC   2   229   282   0.0   2.4   -2.4   5   201 kD   8A1MEL-AUPERSHEREU   1   1   0   ERSER   0.0   0		HVDC	TALCHER-KOLAR BIPOLE						
S   20 bV   BALAMELA-UPPER-SILEREY   1   1   0   0.0   0.0   88.8   88.8   88.8   1   400 bV   BINGGIREBONGAIGAON   2   1918   23.5   0.0   1.									
The property of the (With NER)		400 kV	TALCHER-I/C		229				
ImportExport of ER (With NER)   1	5	220 kV	BALIMELA-UPPER-SILERRU	1	1 1	()			
1   400.8	Impo	rt/Export of FD /	With NER)			ER-SK	0.0	00.0	-88.8
2   400 kV   ALPURDUAR-BONAGGAON   2   198   235   0.0   1.0   -1.0				2.	61	245	0.0	2.8	-28
3   200   A						235			
I   IVPC   BISWANATH CHARIALLAGRA   2   0   S03   0.0   12.2   -12.2					Ĩ	73			
HYDC						ER-NER	0.0	4.8	-4.8
Import   I	Impo	rt/Export of NER	(With NR)						
ImportExpert of WR (With NR)	1	HVDC	BISWANATH CHARIALI-AGRA	2	0	503			
1 Hyde		4/E - 4 - CIVID /	(NPA ND)			NER-NR	0.0	12.2	-12.2
A		TI/EXPORT OF WK (	WIII NK)		Ι Δ	2526	0.0	10 5	40.5
3									
4   765 kV   GWALIOR-GERA   2   0   1861   0.0   32.9   32.9   32.9   5   765 kV   GWALIOR-PIAGI   2   0   1616   0.0   26.68   26.8   6   765 kV   GWALIOR-PIAGI   2   761   961   0.0   385.3   35		HVDC	MUNDRA-MOHINDERGARH	2					
S   765 kV   JMABLIPURORAI   2   0   1016   0.0   26.8   26.8		765 kV	GWALIOR-AGRA	2					-32.9
6   765 kV   JABALPUROBAI   2   761   961   0.0   35.3   3.35.3   3.35.3   7.76 kV   GWALIORORAI   1   753   0   14.8   0.0   14.8   8   765 kV   GWALIORORAI   1   0   795   0.0   17.5   17				2					
7   765 kV   GWALIOR-ORAI				2				35.3	
8   765 kV   SATINA-ORAI	7			1		0		0.0	14.8
10   765 kV VINDHYACHAL-VARANASI   2   0   2947   0.0   51.0   55.5     11   4400 kV   ZERDA-KANKROLI   1   364   0   5.5   0.0   5.5     12   4400 kV   ZERDA-KANKROLI   1   583   0   9.8   0.0   9.8     13   4400 kV   VINDHYACHAL-RIHAND   1   972   0   22.6   0.0   22.6     14   400 kV   VINDHYACHAL-RIHAND   1   972   0   22.6   0.0   22.6     15   220 kV   RAPP-SHUJALPUR   2   34   4411   0.0   4.6   -4.5     15   220 kV   BHANPURA-RANPUR   1   0   97   0.0   1.3   -1.3     16   220 kV   BHANPURA-RANPUR   1   122   0   0.6   0.0   0.6     18   220 kV   MEHAGON-AURAIVA   1   122   0   0.6   0.0   0.6     18   220 kV   MEHAGON-AURAIVA   1   86   7   1.3   0.0   1.3     19   132 kV   GWALIORSAWAI MADHOPUR   1   0   0   0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   1   0   0   0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   2   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   2   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   2   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   2   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   2   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   1   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIORSAWAI MADHOPUR   1   0   0   0   0.0	8	765 kV	SATNA-ORAI	1	0	795	0.0		
11			BANASKANTHA-CHITORGARH	2					
12   400 kV   ZERDA -BHINMAL   1   583   0   9.8   0.0   9.8   9.6     13   400 kV   VINDHYACIRIAL-RIHAND   1   972   0   22.6   0.0   22.6     14   400 kV   VINDHYACIRIAL-RIHAND   1   972   0   0   4.6   4.5   4.5     15   220 kV   BHANPURA-RANPUR   1   0   97   0.0   1.3   1.3     16   220 kV   BHANPURA-RANPUR   1   122   0   0.6   0.0   0.6     17   220 kV   MEHANPURA-RANPUR   1   122   0   0.6   0.0   0.6     18   220 kV   MEHANPURA-RANPUR   1   122   0   0.6   0.0   0.6     18   220 kV   MEHANPURA-RANPUR   1   86   7   1.3   0.0   1.3     19   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     20   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     16   17   18   18   18   18   18   18   18				2					
13   400 kV   NADDIYACHAL-RHIAND   1   972   0   22,6   0.0   22,6     14   400 kV   RAPP-SHUALPUR   2   34   411   0.0   4.6   4.45     15   220 kV   BHANPUR-ARANPUR   1   0   97   0.0   1.3   1.3     16   220 kV   BHANPUR-ARANPUR   1   0   97   0.0   0.0   0.8   0.08     17   220 kV   MEHGAON-AURAIYA   1   122   0   0.6   0.0   0.6     18   220 kV   MALANPUR-AURAIYA   1   122   0   0.0   0.0   0.0   0.1     19   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     10   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0.0   0.0     10   132 kV   RAIGHAT-LALITPUR   2   0   0   0   0.0   0.0   0.0     10   13   132 kV   RAIGHAT-LALITPUR   2   0   0   0   0.0   0.0   0.0     10   14   14   14   14   14   14   14				1 1					
14   400 kV   RAPP-SHUJALPUR									
15   220 kV   BHAMPURA-MORAK   1   0   97   0.0   1.3   1.3   1.3   1.6   220 kV   BHAMPURA-MORAK   1   0   30   0.0   0.0   0.8   -0.8   17   220 kV   MEHGAON-AURAIYA   1   122   0   0.6   0.0   0.6   0.0   0.6   18   220 kV   MEHGAON-AURAIYA   1   122   0   0.6   0.0   0.0   0.0   0.0   1.3   19   132 kV   GWALIOR-SAWAI MADHOPUR   1   0   0   0   0.0   0				1					
10   220 kV   BHANPURA-MORAK   1   0   30   0.0   0.8   -0.8   17   220 kV   MERGAON-AURAIYA   1   122   0   0.6   0.0   0.6   0.0   0.6   18   220 kV   MALANPUR-AURAIYA   1   86   7   1.3   0.0   1.3   0.0				1					
1				i					
18   220 kV   MALANPURAURANYA   1   86   7   1,3   0.0   0				i					
20		220 kV	MALANPUR-AURAIYA	1					
MR-NR	19	132 kV	GWALIOR-SAWAI MADHOPUR	1	0	0	0.0		0.0
Import/Export of WR (With SR)   - 300	20	132 kV	RAJGHAT-LALITPUR	2	0				
Thosa	Ļ-		TITLE CIP.			WR-NR	70.1	243.3	-173.2
2					200				
3   765 kV   SOLAPUR-RAICHUR   2   1327   929   12.0   0.0   12.0   4   765 kV   MRDHA-NIZAMBAD   2   0   2736   0.0   33.2   53.2   5   400 kV   KOLHAPUR-KUDGI   2   1071   0   19.8   0.0   19.8   6   220 kV   KOLHAPUR-KUDGI   2   0   0   0.0   0.0   0.0   7   220 kV   PONDA-AMBEWADI   1   0   0   0   0.0   0.0   0.0   8   220 kV   ELDEM-AMBEWADI   1   0   77   1.5   0.0   1.5   8   220 kV   XELDEM-AMBEWADI   1   0   77   1.5   0.0   1.5   9   WR-SR   59.6   32.2   27.5      State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exg (MI)				<del></del>	100	<u>,                                     </u>	7.2	0.0	7.2
4   765 kV   WARDHA-NIZAMABAD   2   0   2736   0.0   32.2   -32.2     5   400 kV   KOLHAPUR-KUDGI   2   1071   0   19.8   0.0   19.8     6   220 kV   KOLHAPUR-CHIKODI   2   0   0   0.0   0.0   0.0     7   220 kV   KOLHAPUR-CHIKODI   1   0   0   0   0.0   0.0   0.0     8   220 kV   KOLHAPUR-CHIKODI   1   0   0   0   0.0   0.0   0.0     8   220 kV   KOLHAPUR-CHIKODI   1   0   0   0   0.0   0.0   0.0     8   220 kV   XELDEM-AMBEWADI   1   0   77   1.5   0.0   1.5		765 kV		, ,	970				
S   440 kV   KOLHAPUR-KUDGI   2   1071   0   19.8   0.0   19.8			SOLAPUR-RAICHUR		970	0	19.1	0.0	19.1
Color			SOLAPUR-RAICHUR	2	970 1327	0 929	19.1 12.0	0.0 0.0	19.1 12.0
To   220 kV   PONDA-AMBEWADI	5	765 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2	970 1327 0	0 929 2736	19.1 12.0 0.0	0.0 0.0 32.2	19.1 12.0 -32.2
S   220 kV   XELDEM-AMBEWADI   1   0   77   1.5   0.0   1.5	6	765 kV 400 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2	970 1327 0 1071	0 929 2736 0	19.1 12.0 0.0 19.8	0.0 0.0 32.2 0.0 0.0	19.1 12.0 -32.2 19.8
INTERNATIONAL EXCHANGES	7	765 kV 400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2	970 1327 0 1071 0	0 929 2736 0 0	19.1 12.0 0.0 19.8 0.0 0.0	0.0 0.0 32.2 0.0 0.0	19.1 12.0 -32.2 19.8 0.0
State   Region   Line Name   Max (MW)   Min (MW)   Avg (MW)   Energy Exc (MU)	7	765 kV 400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2	970 1327 0 1071 0	0 929 2736 0 0 0 77	19.1 12.0 0.0 19.8 0.0 0.0 1.5	0.0 0.0 32.2 0.0 0.0 0.0 0.0	19.1 12.0 -32.2 19.8 0.0 0.0
Mark	7	765 kV 400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	970 1327 0 1071 0 0	0 929 2736 0 0 0 77	19.1 12.0 0.0 19.8 0.0 0.0 1.5	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5
A00kV MANGDECHHU-ALIPURDUAR   12&3 i.e. ALIPURDUAR RECEIPT (from MANGDECHU HEF 4*180AVV)	7	765 kV 400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	970 1327 0 1071 0 0	0 929 2736 0 0 0 77	19.1 12.0 0.0 19.8 0.0 0.0 1.5	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve)
ER	7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 2 2 2 1 1 1 TERNATIONAL EX	970 1327 0 1071 0 0 0 CHANGES	0 929 2736 0 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange
MANGDECHI HEP 4*180AWV	7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN	2 2 2 2 1 1 1 TERNATIONAL EX	970 1327 0 1071 0 0 0 CHANGES	0 929 2736 0 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve)
BHUTAN   ER   MALBASE - BINAGURI 1,2,4 (& 400kV   0   0   0   0   0   0   0   0   0	7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE	970 1327 0 1071 0 0 1071 0 0 CHANGES Name	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import( Avg (MW)	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange (MII)
ER	7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 400kV MANGECHE 1,2&3 i.e. ALIPURDU	970 1327 0 1071 0 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import( Avg (MW)	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange (MII)
RECEIPT (from TALA HEP (6*170MW)   220kV CHUKHA-BIRPARA 182 (8*2 220kV	7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region	2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHH 1EP 240kV TALA-BINAGIO MANGDECHU HEP 240k	970 1327 0 1071 0 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$180MW) (ERI 1,2,4 (& 400KV)	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import Avg (MW)	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange (MII)
BHUTAN   ER   MALBASE - BIRPARA) i.e. BIRPARA   220   171   191   4.6	6 7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,283 Le ALIPURDU MANGDECHE 1,284 E BINAGU MALBASE - BINAGU MALBASE	970 1327 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 3/180MW) URI 1,2,4 (& 400kV) RIO 1,6 BINAGURI	0 929 2736 0 0 77 WR-SR Max (MW)	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import Avg (MW)	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve/Export(-ve) Energy Exchange (MII) 15.0
NER	6 7	765 kV 400 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 1 1 1 1 TERNATIONAL EX Line 4 400KV MANGDECHH 12,283 i.e. All PURDU MANGDECHH HEP 400KV TALA-BINAGI MALBASE - BINAGG ECEIPT (from TALA	970 1327 0 1071 0 0 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$4*180MW) CBI 12.4 (\$400KV) RB i.e. BINAGURI A HEP (6*120MW)	0 929 2736 0 0 77 WR-SR Max (MW)	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Import Avg (MW)	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve/Export(-ve) Energy Exchange (MII) 15.0
NER         132kV GELEPHU-SALAKATI         23         0         18         0.4           NER         132kV MOTANGA-RANGIA         58         34         45         1.1           NR         132kV MAHENDRANAGAR-TANAGAR-	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 2 2 1 1 1 1 1 TERNATIONAL EX Line 400kV MANGBECHH 1,2&3 i.e. ALIPURDU MANGBECHH HEP 400kV TALA-BINAGU MALBASE - BINAGU RECEIPT (from TALL 220kV CHUKHA-BIR	970 1327 0 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from \$\frac{1}{2}\$ (Model) \$\text{VIR}\$ (1.2)	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve\VEXport(ve) Energy Exchange (MII) 15.0
NER         132kV MOTANGA-RANGIA         58         34         45         1.1           NR         132kV MAHENDRANAGAR- TANAKPUR(NHPC)         -66         0         -31         -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 ie. ALIPURDU MANGDECHU HEP 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #1804W) CRI 1,2,4 (& 400kV) RR 1,6,2 (& 420kV) ARP ARE (& 220kV)	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve\VEXport(ve) Energy Exchange (MII) 15.0
NER         132kV MOTANGA-RANGIA         58         34         45         1.1           NR         132kV MAHENDRANAGAR- TANAKPUR(NHPC)         -66         0         -31         -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 ie. ALIPURDU MANGDECHU HEP 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR MALBASE - BIRPAR	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #1804W) CRI 1,2,4 (& 400kV) RR 1,6,2 (& 420kV) ARP ARE (& 220kV)	0 929 2736 0 0 0 77 WR-SR	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 -32.2 19.8 0.0 0.0 1.5 27.5 +ve\VEXport(ve) Energy Exchange (MII) 15.0
NR 132kV MAHENDRANAGAR- TANAKPUR(NHPC) -66 0 -31 -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EX Line Line Line MANGBECHH HEP 400KY TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 200KY CHUKHIA-BIR RECEIPT (from CHU	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #180MW) (EI 1,2,4 (& 400kV) (RD i.e. BINAGURI A HEP (6*170MW) PARA 1,82 (& 220kV A) i.e. BIRPAK	0 929 2736 0 0 0 77 WR-SR Max (MW)	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 32.2 Import( Avg (MW) 625	19.1 12.0 2.32.2 19.8 0.0 0.0 0.0 1.5 27.5 +ve/Export(-ve) Energy Exchange (MII) 15.0 0.0
NR 132kV MAHENDRANAGAR- TANAKPUR(NHPC) -66 0 -31 -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER	2 2 2 2 1 1 1 TERNATIONAL EX Line Line Line MANGBECHH HEP 400KY TALA BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIPARR RECEIPT (from TAL 200KY CHUKHIA-BIR RECEIPT (from CHU	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #180MW) (EI 1,2,4 (& 400kV) (RD i.e. BINAGURI A HEP (6*170MW) PARA 1,82 (& 220kV A) i.e. BIRPAK	0 929 2736 0 0 0 77 WR-SR Max (MW)	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6 Min (MW)	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 32.2 Import( Avg (MW) 625	19.1 12.0 2.32.2 19.8 0.0 0.0 0.0 1.5 27.5 +ve/Export(-ve) Energy Exchange (MII) 15.0 0.0
NR TANAKPUR(NHPC) -66 0 -51 -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 1,283 i.e. AIPURDU MANGDECHU HEP- 400KV TALA BINAGI MALBASE - BINAGI RECEBT (from TALL 220KV CHUKHA-BIR MALBASE - BIRPAR MAL	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 9*180MW) RIVIDA (A WARD WARD) RIVIDA (A WARD) RIVIDA	0 929 2736 0 0 0 77 WR-SR Max (MW) 722 0	19.1 12.0 0.0 19.8 0.0 0.0 0.0 1.5 59.6  Min (MW) 579 0 171	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 32.2 19.8 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
NR TANAKPUR(NHPC) -66 0 -51 -0.7	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHH 1,283 i.e. AIPURDU MANGDECHU HEP- 400KV TALA BINAGI MALBASE - BINAGI RECEBT (from TALL 220KV CHUKHA-BIR MALBASE - BIRPAR MAL	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 9*180MW) RIVIDA (A WARD WARD) RIVIDA (A WARD) RIVIDA	0 929 2736 0 0 0 77 WR-SR Max (MW) 722 0	19.1 12.0 0.0 19.8 0.0 0.0 0.0 1.5 59.6  Min (MW) 579 0 171	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 32.2 19.8 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
TANAPUR(NIPU)	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 4006V MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHH HEP 4006V TALA-BINAGI MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIRPAR RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R.	970 1327 0 1071 0 1071 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #1800W) F1800W, (4 400K) RI) Le, BINAGURI ATEP (6-170MW) PARA 18.2 (8 220K) A) Le, BIRPARA KITA HE 4*84MW) LAKATI	0 929 2736 0 0 0 77 WR-SR Max (MW) 722 0	19.1 12.0 0.0 19.8 0.0 0.0 0.0 1.5 59.6  Min (MW) 579 0 171	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625	19.1 12.0 32.2 19.8 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
NEPAL         ER         NEPAL IMPORT (FROM BIHAR)         -221         -1         -46         -1.1	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-GHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  ER  ER  ER  NER	2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,283-ie, ALPURDU MNGDECHU HEP, 400kV YALA-BIXAG MALBASE BINAGG RECEPT (from TAL 220kV CHUKIL-BIR MALBASE - BIRPAR RECEPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	970 1327 0 1071 0 1071 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #1800W) F1800W, (4 400K) RI) Le, BINAGURI ATEP (6-170MW) PARA 18.2 (8 220K) A) Le, BIRPARA KITA HE 4*84MW) LAKATI	0 929 2736 0 0 0 77 WR-SR Max (MW) 722 0 220	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625 0 191 18	19.1 12.0 2.32.2 19.8 0.0 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange (MII) 15.0 0.0 4.6
NEPAL ER NEPAL IMPORT (FROM BIHAR) -221 -1 -46 -1.1	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI PONDA-AMBEWADI XELDEM-AMBEWADI  ER  ER  ER  NER	2 2 2 2 2 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,283-ie, ALPURDU MNGDECHU HEP, 400kV YALA-BIXAG MALBASE BINAGG RECEPT (from TAL 220kV CHUKIL-BIR MALBASE - BIRPAR RECEPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R.	970 1327 0 1071 0 1071 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from #1800W) F1800W, (4 400K) RI) Le, BINAGURI ATEP (6-170MW) PARA 18.2 (8 220K) A) Le, BIRPARA KITA HE 4*84MW) LAKATI	0 929 2736 0 0 0 77 WR-SR Max (MW) 722 0 220	19.1 12.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625 0 191 18	19.1 12.0 2.32.2 19.8 0.0 0.0 0.0 1.5 27.5 +ve)/Export(-ve) Energy Exchange (MII) 15.0 0.0 4.6
	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 4008V MANGDECHH 1,2&3 i.e. AliPurrou MANGDECHH HEP 4008V TALA-BINAGO MALBASE - BINAGO MAL	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 94 1804W) 1804W) RIU-ALIPURDUAR AR RECEIPT (from 94 1804W) ANGEL STANAGURI AMEP (64 1704W) ALE BIRPARA KIKA HEP 4*84MW) LAKATI ANGLA	0 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171 0 34	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.7 1.7 1.1 1.1
	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 4008V MANGDECHH 1,2&3 i.e. AliPurrou MANGDECHH HEP 4008V TALA-BINAGO MALBASE - BINAGO MAL	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 94 1804W) 1804W) RIU-ALIPURDUAR AR RECEIPT (from 94 1804W) ANGEL STANAGURI AMEP (64 1704W) ALE BIRPARA KIKA HEP 4*84MW) LAKATI ANGLA	0 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171 0 34	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.7 1.7 1.1 1.1
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 -250 50 -49 -1.2	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 4008V MANGDECHH 1,2&3 i.e. AliPurrou MANGDECHH HEP 4008V TALA-BINAGO MALBASE - BINAGO MAL	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 94 1804W) 1804W) RIU-ALIPURDUAR AR RECEIPT (from 94 1804W) ANGEL STANAGURI AMEP (64 1704W) ALE BIRPARA KIKA HEP 4*84MW) LAKATI ANGLA	0 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171 0 34	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.7 1.7 1.1 1.1
ER POWE DIALEMENT OF THE TAX OF T	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  ER  ER  IN  NER  NER  NER  NER	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 4 400kV MANGDECHE 1,2k3 le. ALIPURDU MANGDECHI HEP- 100kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 220kV CHUKHA-BIR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from #180MW) CBI 1,2,4 (& 400RV) RID (& BINAGURI A) M EPG (#2 1,20MW) A HEP (#3 1,20MW) LAKATI ANGIA ANGIA ANGIA ANGIA ANGIA ANGIA OM BIHAR)	0 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66	19.1 12.0 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579  0 171 0 34	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.7 1.7 1.7 1.7 1.1
	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER NER	2 2 2 2 2 1 1 1 TERNATIONAL EX Line 4 400kV MANGDECHE 1,2k3 le. ALIPURDU MANGDECHI HEP- 100kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 220kV CHUKHA-BIR RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R. 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR	970 1327 0 1071 0 0 0 0 0 0 CHANGES Name RU-ALIPURDUAR AR RECEIPT (from #180MW) CBI 1,2,4 (& 400RV) RID (& BINAGURI A) M EPG (#2 1,20MW) A HEP (#3 1,20MW) LAKATI ANGIA ANGIA ANGIA ANGIA ANGIA ANGIA OM BIHAR)	0 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW) 579 0 171 0 34	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.7 1.7 1.1 1.1
ER BHERAMARA B/B HVDC (BANGLADESH) -716 -701 -702 -16.8	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 2 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 400kV MANGBECHH 1,283-1e. ALIPURDU 400kV TALA-BINAGI RECEIPT (from TAL 200kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180AW) 14*180AW) 16*1817,24 (*4.900EV) 18*18182 (*180AW) 18*18184 (*180AW) 18*184 (	0 929 929 2736 0 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66 -221	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579 0 171 0 34 0 -1	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31 -46	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.7 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
	6 7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 2 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 400kV MANGBECHH 1,283-1e. ALIPURDU 400kV TALA-BINAGI RECEIPT (from TAL 200kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180AW) 14*180AW) 16*1817,24 (*4.900EV) 18*18182 (*180AW) 18*18184 (*180AW) 18*184 (	0 929 929 2736 0 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66 -221	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579 0 171 0 34 0 -1	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31 -46	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.7 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
	7	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 2 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 ITERNATIONAL EX 1 1 400kV MANGBECHH 1,283-1e. ALIPURDU 400kV TALA-BINAGI RECEIPT (from TAL 200kV CHUKHA-BIR MALBASE - BINAGI RECEIPT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR	970 1327 0 1071 0 1071 0 0 0 CHANGES Name IU-ALIPURDUAR AR RECEIPT (from 4*180AW) 14*180AW) 16*1817,24 (*4.900EV) 18*18182 (*180AW) 18*18184 (*180AW) 18*184 (	0 929 929 2736 0 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66 -221	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579 0 171 0 34 0 -1	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31 -46	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.6 1.7 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
BANGLADESH NER 132kV COMILLA-SURAJMANI NAGAR -160 0 -136 -3.3	8	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-HIKODI PONDA-AMBEWADI XELDEM-AMBEWADI ER  ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 220kV CHUKHIA-BIR RECEIPT (from TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR BHERAMARA B/B H	970 1327 0 1071 0 1071 0 0 0 CHANGES Name III-ALIPURDUAR AR RECEIPT (from 9*180MW) USH 12,41 4000K IRD i.e. BINAGURI A HEP (6*190MW) PARA I.e. SIRPAR KHA HEP 4*84MW) LAKATI ANGIA iAGAR- OM BIHAR) -MUZAFFARPUR 1.8.2	0 929 929 2736 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66 -221 -250	19.1 12.0 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579  0 171 0 34 0 -1 50	0.0 0.0 32.2 0.0 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31 -46 -49	19.1 12.0 32.2 19.8 0.0 0.0 0.0 1.5 1.5 1.5 1.5 1.5 1.5 0.0 0.0 0.0 1.5 1.5 1.5 1.6 1.7 1.7 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1
1321-W COMILLY A CUID A IMANUNA CAD	8	765 kV 400 kV 220 kV 220 kV 220 kV State	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI  IN Region ER ER  ER  NER  NER  NER  NER  NER  ER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHE 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAGI MALBASE - BINAGU MALBASE - BINAGU MALBASE - BIRPAR RECEIPT (from TAL 220kV CHUKHIA-BIR RECEIPT (from TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRAN TANAKPUR(NHPC) NEPAL IMPORT (FR 400kV DHALKEBAR BHERAMARA B/B H	970 1327 0 1071 0 1071 0 0 0 CHANGES Name III-ALIPURDUAR AR RECEIPT (from 9*180MW) USH 12,41 4000K IRD i.e. BINAGURI A HEP (6*190MW) PARA I.e. SIRPAR KHA HEP 4*84MW) LAKATI ANGIA iAGAR- OM BIHAR) -MUZAFFARPUR 1.8.2	0 929 929 2736 0 0 0 77 WR-SR  Max (MW) 722 0 220 23 58 -66 -221	19.1 12.0 0.0 19.8 0.0 0.0 19.8 0.0 0.0 1.5 59.6  Min (MW)  579 0 171 0 34 0 -1	0.0 0.0 32.2 0.0 0.0 0.0 0.0 32.2 Imports Avg (MW) 625  0 191 18 45 -31 -46	19.1 112.0 32.2 32.2 19.8 0.0 0.0 1.5 27.5 +ve)/Export(-ve Energy Exchai (MI) 15.0 0.0 4.6 0.4 1.1