

National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, क़तुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

दिनांक: 20th Nov 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 19.11.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-नवंबर-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 19th November 2021, is available at the NLDC website.

धन्यवाद,

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



Report for previous day Date of Reporting:

A. Power Supply Position at All India and Regional level						
	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	44943	53346	36529	18892	2467	156177
Peak Shortage (MW)	200	0	0	243	0	443
Energy Met (MU)	921	1213	768	380	45	3328
Hydro Gen (MU)	124	30	92	55	14	314
Wind Gen (MU)	17	56	93	-	-	166
Solar Gen (MU)*	51.63	20.02	41.87	5.23	0.30	119
Energy Shortage (MU)	4.76	0.00	0.00	2.51	0.00	7.27
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	46825	56256	37977	19180	2605	160550
Time Of Maximum Demand Met (From NLDC SCADA)	18:17	11:00	18:19	18:29	17:17	18:19

		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region		Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		dav(MW)	Demand(MW)	(MIC)	(MU)	(NIC)	(1111)	(MU)
	Punjab	5772	0	110.5	51.2	-1.3	101	0.60
	Haryana	5951	0	118.3	92.0	-0.1	129	0.00
	Rajasthan	12158	0	229.5	44.4	-2.7	317	0.00
	Delhi	3584	0	61.8	47.1	-1.4	171	0.00
NR	UP	14953	0	276.4	118.0	0.5	359	0.71
	Uttarakhand	1851	0	35.5	23.5	0.8	171	0.00
	HP	1769	0	31.5	21.4	0.4	335	0.00
	J&K(UT) & Ladakh(UT)	2636	250	54.8	48.6	-0.2	276	3.45
	Chandigarh	172	0	3.0	3.4	-0.4	28	0.00
	Chhattisgarh	3626	0	79.0	26.3	0.6	299	0.00
	Gujarat	14977	0	323.8	193.8	0.8	631	0.00
	MP	13140	0	261.4	171.7	-2.1	665	0.00
WR	Maharashtra	22734	0	489.5	166.6	-6.0	611	0.00
****	Goa	622	0	13.1	12.7	-0.2	33	0.00
	DD	345	0	7.7	7.4	0.3	28	0.00
	DNH	829	0	19.4	19.6	-0.2	42	0.00
	AMNSIL	892	0	19.5	9.3	0.1	292	0.00
SR	Andhra Pradesh	7108	0	141.1	56.3	-1.2	606	0.00
	Telangana	7084	0	147.3	53.3	-0.5	569	0.00
	Karnataka	7722	0	146,6	39.0	-1.5	597	0.00
	Kerala	3461	0	71.9	31.3	-1.1	170	0.00
	Tamil Nadu	12827	Ů	254.8	117.0	-2.0	588	0.00
	Puducherry	341	0	6.7	7.3	-0.6	23	0.00
	Bihar	4153	0	73.1	67.5	-0.2	294	0.23
	DVC	3180	120	64.2	-29.4	-1.9	347	1.02
	Jharkhand	1446	65	27.3	20.6	0.1	254	1.27
ER	Odisha	5145	0	99.4	39.4	-0.2	410	0.00
	West Bengal	6407	0	114.9	-2.2	1.1	432	0.00
	Sikkim	103	0	1.6	1.7	-0.1	23	0.00
	Arunachal Pradesh	130	0	2.2	2.1	-0.1	33	0.00
	Assam	1494	0	25.8	19.1	0.4	175	0.00
NER	Manipur	203	0	2.6	2.8	-0.2	18	0.00
	Meghalaya	359	0	6.5	5.1	-0.2	24	0.00
TALL	Mizoram	113	0	1.6	1.4	-0.1	21	0.00
	Nagaland	146	0	2.4	2.1	0.2	42	0.00
	Nagaiand Tripura	223	0	3.6	2.0	-0.4	9	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	13.8	1.6	-16.7
Day Peak (MW)	647.0	158.0	-838.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.3	-75.7	75.3	-165.9	-5.0	0.0
Actual(MU)	176.1	-64.4	63.3	-175.0	-4.6	-4.6
O/D/U/D(MU)	4.8	11.3	-12.0	-9.1	0.5	-4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	6310	16395	11832	2030	384	36950	42
State Sector	14500	19729	11031	5138	11	50408	58
Total	20810	36124	22863	7168	395	87358	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	488	1140	381	525	11	2545	74
Lignite	25	8	32	0	0	65	2
Hydro	124	30	92	55	14	314	9
Nuclear	26	32	47	0	0	104	3
Gas, Naptha & Diesel	20	11	9	0	29	68	2
RES (Wind, Solar, Biomass & Others)	88	77	159	5	0	330	10
Total	772	1298	719	585	53	3427	100
			1			1	ì
Share of RES in total generation (%)	11.45	5.93	22.08	0.90	0.56	9.62	
Share of Non-fossil fuel (Hydro Nuclear and RES) in total generation(%)	30.83	10.74	41 35	10.25	25.86	21 84	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.014
Based on State Max Demands	1.044

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: 20-Nov-2021

Section Color Co	No Import/E: 1 2 3 4 5 6	Export of ER (V HVDC	Vith NR)	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)		20-Nov-2021 NET (MU)
	Import/E: 1	Export of ER (V HVDC	Vith NR)	No. or Circuit	wax import (www)	Max Export (MW)	Import (MC)		HET (MC)
THE CAMPAGEMAGNER 2	1 2 3 4 5 6	HVDC							
1 170 17-301 18 1 1 1 1 1 1 1 1	2 3 4 5 6			1	e	502	0.0	12.0	12.0
1	3 4 5 6								
1	5 6			2					
1	6	765 kV	SASARAM-FATEHPUR	1		534	0.0	6.5	-6.5
1				1					
B 000 N MILESPERIUS 2 0 566 0.0 5.4 5.4				1 1					
1 000 1 1 1 1 1 1 1				2					
10 100 100 100 100 155				4					-17.2
12 604		400 kV	BIHARSHARIFF-BALIA	2					-5.5
13 1294Y PENALLEMBERGEN 1 16 59 0.0 0.7 -0.7				2					
14 1514				2					
15 1232Y CARPWIAREMINDS				1					
16 12324Y RARMANSA-SAREFURE 1				1					
17 1214Y KARMANASACHANDALT 1				i					
INDIPERSONNEL FRANCH DITAGE Section Se				î		0			
1 1 1 1 1 1 1 1 1 1						ER-NR		86.9	
2 764 N NEW RENGHEDHERAMAICANER 2 409 602 0.0 4.3 -4.3									
3 46914 MARSICCIDADERG 2 0 465 0.0 7.9 7.79	_								
4 40 N.									
S 400 KV RANCHISPAT 2 115 180 0.0 1.2 1.2					0	465	0.0		-7.9
S 229 kV RUDHIPADAR-RAIGARH 1 21 82 0.0 0.7 0.7 0.7	4	400 kV	JHARSUGUDA-RAIGARH	4	112	274	0.0	2.1	-2.1
Topothesport of the control of the	5	400 kV	RANCHI-SIPAT	2	115	180	0.0	1.2	-1.2
Topothesport of the control of the	6	220 kV	BUDHIPADAR-RAIGARH	1	21	82	0.0	0.7	-0.7
DeportPapert of ER (Wish SR)									
ImportExport of ER (With SR)		220 K V	BUDINI ADAK-KUKBA		140				
I HYDC	Import/E	Export of ER (V	Vith SR)			LA H	1.7		-23.7
A	1			2	0	392	0.0	8.7	-8.7
3		HVDC	TALCHER-KOLAR BIPOLE		Ö	1980	0.0	42.7	-42.7
S 2014 BALIMILA-UPPERSILEREY 1 2 0 0.0 0.0 0.0 0.0	3	765 kV	ANGUL-SRIKAKULAM						-52.6
Depart D									
ImportSystem of ER (With NEE)	5	220 kV	BALIMELA-UPPER-SILERRU	1	2				
1 499 kV BINAGERE-BONGAIGAON 2 0 288 0.0 4.4 4.4 4.2 4.2 4.0 4.0 4.0 4.0 4.0 4.0 4.2 2.2 4.0 5.0 5.2 2.2 2.2 2.2 3.0 5.2 2.2 2.2 2.2 3.0 5.2	Import/F	Xport of FD A	Vith NER)			EK-SK	0.0	104.1	-104.1
2				,	Δ.	285	0.0	4.4	_4.4
3 29 kV ALPERDUAR SALAKATI 2 0 57 0.0 0.7 0.7 0.7									
ImportExport of NER (Wish NR)				2				0.7	
1 HYDC BISWANATH CHARAL-AGRA 2 0 503 0.0 12.1 -12.1						ER-NER		7.4	
Import/Export of WR (With NR) Involved	Import/E	export of NER	(With NR)						
	1	HVDC	BISWANATH CHARIALI-AGRA	2	0	503			
1 HVDC CHAMPA-KURUKSHETRA 2 0 1118 0.0 20.6 -20.6 -20.6 2 HVDC VINDHY-CHALE RB - 227 0 6.1 0.0 6.1 3 HVDC WINDRA-MOHINDERGARH 2 0 0 0.0 0.0 0.0 0.0 0.1 4 765 kV GWALIORE-MAN 2 0 0 0.0	Import/E	Export of WD (With ND)			NER-NR	0.0	12.1	-12.1
A		HVDC	CHAMDA KUDUKSHETDA	2		1110	0.0	20.6	-20.6
3 HVDC MINDRA-MOHINDERGARH 2 0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4 765 kV GWALIOR-AGRA 2 0 1829 0.0 277.6 -275.6 5.765 kV GWALIOR-PIAGI 2 0 1787 0.0 30.2 -30.				- 4					
4 765 kV GWALIOR-AGRA 2 0 1829 0.0 27.6 -27.6 -27.6 5 765 kV GWALIOR-PHAGI 2 0 1787 0.0 30.2 30.2 50.2 6 765 kV GWALIOR-CRAI 2 0 877 0.0 26.7 -26.7 -26.7 7 765 kV GWALIOR-CRAI 2 0 877 0.0 25.7 -26.7		HVDC	MUNDRA-MOHINDERGARH	2					
S 765 kV WALJOR-PHAGI		765 kV	GWALIOR-AGRA	2				27.6	
6 765 kV JABALPUR-ORAI 2 0 877 0.0 26.7 26.7 7 765 kV GWALIOR-ORAI 1 750 0 13.6 0.0 13.6 8 765 kV GWALIOR-ORAI 1 0 1157 0.0 21.4 21.4 9 765 kV SANASANATHA-CHITORGARH 2 1339 0 24.3 0.0 24.3 10 765 kV WORNIYA-CHAL-VARANASI 2 0 0 2224 0.0 40.0 40.0 40.0 10 765 kV WORNIYA-CHAL-VARANASI 2 0 0 2224 0.0 40.0 40.0 10 765 kV WORNIYA-CHAL-VARANASI 2 0 0 22.4 0.0 40.0 40.0 11 24 400 kV FERDA-SHINMAI 1 477 0 6.7 0.0 6.7 13 490 kV JERDA-SHINMAI 1 477 0 6.7 0.0 6.7 14 400 kV JERDA-SHINMAI 1 496 p 0 21.6 0.0 21.6 14 400 kV RAPP-SHUAL-PUR 2 230 194 13.3 0.8 0.4 15 220 kV BHANPURA-RANPUR 1 153 0 0.7 0.0 0.7 16 220 kV BHANPURA-MORAK 1 0 30 0.0 0.5 0.4 17 220 kV MIALANPUR-AURAPUR 1 153 0 0.7 0.0 0.7 18 220 kV MIALANPUR-AURAPUR 1 1 8 0 1.2 0.0 1.2 19 133 kV WALIOR-SAWAIMADHOPUR 1 8 6 1.9 0.0 1.0 10 133 kV WALIOR-SAWAIMADHOPUR 1 0 0 0 0.0 0.0 10 133 kV RAGIGRIZ-LAITPUR 2 0 0 0 0.0 0.0 10 133 kV RAGIGRIZ-LAITPUR 2 0 0 0 0.0 0.0 10 10 10 1 1 6 0.1 BHUTAN ER MARCHARIZ 2 1095 0 17.0 0.9 4.9 4.9 4 765 kV WALIOR-RAICHUR 2 1095 0 17.0 0.9 4.9 4 765 kV WALIOR-RAICHUR 2 1095 0 17.0 0.9 4.9 4 765 kV WALIOR-RAICHUR 2 1095 0 17.0 0.0 1.0 5 400 kV KOH-PAPUR-KURG 2 2 58 0 0 0 0.0 0.0 10 10 1 6 0.1 BHUTAN ER MALEASE-BRACQUR 2 1095 0 17.0 0.0 1.0 12 13 kV CARRAR-RAICHUR 2 1095 0 17.0 0.0 0.0 0.0 10 10 1 0 0 0 0.0 0.0 10 10 1 0 0 0 0.0 0.0 10 10 1 0 0 0 0.0 10 10 1 0 0 0 0.0 10 10 0 0 0 0 0 0.0 10 10 0				2		1787		30.2	
7 765 kV GWALIOR-ORAI	6	765 kV	JABALPUR-ORAI		0	877	0.0	26.7	-26.7
9 765 kV RANASKANTHA-CHITORGARH 2 1339 0 2243 0.0 40.8 40.8 10 765 kV VINDIPYACHAL-VARANSIS 2 0 2224 0.0 40.8 40.8 11 400 kV ZERDA-KANROLI 1 310 0 5.7 0.0 5.7 12 400 kV ZERDA-BIRIMAL 1 477 0 6.7 0.0 6.7 13 400 kV ZERDA-BIRIMAL 1 477 0 6.7 0.0 6.7 14 400 kV ZERDA-BIRIMAL 1 477 0 6.7 0.0 6.7 15 400 kV ZERDA-BIRIMAL 1 477 0 6.7 0.0 6.7 16 400 kV ZERDA-BIRIMAL 1 969 0 21.6 0.0 21.6 16 400 kV RAPP-RIVILA-PUR 2 230 194 1.3 0.8 0.4 15 220 kV BHANPURA-RANPUR 1 153 0 0.7 0.0 0.7 16 220 kV BHANPURA-BANPUR 1 153 0 0.7 0.0 0.5 -0.4 17 220 kV BHANPURA-BANPUR 1 125 0 1.2 0.0 1.2 18 220 kV MILLANDURA-BANPUR 1 125 0 1.2 0.0 1.2 19 132 kV GWALIOR-SAWAI MADHOPUR 1 85 0 1.0 0.0 0.0 10 121 kV RANGIRI-ALITIVER 2 0 0 0 0.0 0.0 10 121 kV RANGIRI-ALITIVER 2 0 0 0.0 0.0 0.0 2 HYDC RANGAR-BAUR 2 1095 0 17.0 0.0 17.0 1 HYDC RANGAR-BAUR 2 1095 0 17.0 0.0 17.0 1 HYDC RANGAR-BAUR 2 1095 0 17.0 0.0 9.4 9.4 1 4 765 kV SK SOLAPER-RAICHUR 2 1095 0 17.0 0.0 9.4 9.4 1 4 765 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 13.9 1 6 220 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 0.0 2 ER MALASA-BIRNAURRI 1,218 300 365 8.8 BHUTAN ER MALASA-BIRNAURRI 1,218 300 365 8.8 BHUTAN ER MALASA-BIRNAURRI 1,218 300 365 8.8 BHUTAN ER MALASA-BIRNAURRI 1,218 300 300 0.7 RECEIT (From CRUKHA BIRPARA 49 0 30 0.7 RECEIT (From CRUKHA BIRPARA 49 0 30 0.7 RECEIT (From CRUKHA BIRPARA 49 0 30 0.7 NER 132kV MAHENDRANGAR 49 0 0 0.0 0.0 NER 132kV MAHENDRANGAR 49 0 0 0 0.0 NER 132kV MAHENDRANGAR 49 0 0 0 0.0 NER 132kV MAHENDRANGAR 49 0 0 0 0.0 0.0				1		0	13.6		13.6
10 765 kV VINDHYACHAL-VARANASI 2 0 2224 0.0 40.8 -40.8 11 440 kV ZERDA-KANKROLL 1 310 0 5.7 0.0 5.7 12 440 kV ZERDA-KANKROLL 1 477 0 6.7 0.0 6.7 13 440 kV ZERDA-BHINMAL 1 4477 0 6.7 0.0 6.7 14 440 kV VINDHYACHAL-RIHAND 1 969 0 21.6 0.0 21.6 15 220 kV RIHANFURA RANPÜR 1 153 0 0.7 0.0 0.7 16 220 kV BHANFURA-MORAK 1 0 30 0.0 0.5 -0.4 17 220 kV BHANFURA-MORAK 1 0 30 0.0 0.5 -0.4 17 220 kV MEHANFURA-MORAK 1 0 30 0.0 0.5 -0.4 18 220 kV MEHANFURA-MORAK 1 85 0 1.9 0.0 1.2 19 132 kV GWALION-SAWAI MADHOPUR 1 0 0 0 0.0 0.0 0.0 20 132 kV GWALION-SAWAI MADHOPUR 1 0 0 0 0.0 0.0 0.0 20 132 kV GWALION-SAWAI MADHOPUR 2 0 0 0 0.0 0.0 0.0 21 HVDC BHANFURA-MORAK 2 0 0 0 0.0 0.0 0.0 21 HVDC BHANFURA-MORAK 2 147 2179 0 0.0 168 48 585 3 765 kV SOLARIP-GALUR 2 147 2179 0 0.0 24 294 4 4 765 kV SOLARIP-GALUR 2 147 2179 0 0 24 294 4 4 765 kV SOLARIP-GALUR 2 147 2179 0 0 25 294 4 4 765 kV SOLARIP-GALUR 2 147 2179 0 0 0 24 294 4 4 765 kV SOLARIP-GALUR 2 147 2179 0 0 0 24 294 4 4 765 kV SOLARIP-GALUR 2 147 2179 0 0 0 0 0 0 20 20 kV KOHHA-NIZAMBAD 2 0 286 0 0 284 294 4 4 765 kV SOLARIP-GALUR 2 0 0 0 0 0 0 0 0 0				1					
11 400 kV ZERDA-KANKROLI			BANASKANTHA-CHITORGARH	2					
12 400 kV VINDHYACHAL-RIHAND 1 477 0 6.7 0.0 6.7 13 400 kV VINDHYACHAL-RIHAND 1 969 0 21.6 0.0 21.6 14 400 kV VINDHYACHAL-RIHAND 2 230 194 1.3 0.8 0.4 15 220 kV BHANPURA-RANPUR 1 15.3 0 0.7 0.0 0.7 16 220 kV BHANPURA-RANPUR 1 15.3 0 0.7 0.0 0.5 -0.4 17 220 kV MEHGANON-AURAHYA 1 121 0 1.2 0.0 1.2 18 220 kV MEHGANON-AURAHYA 1 85 0 1.9 0.0 1.9 19 132 kV GWALIOR-SAWAH MADHOPUR 1 0 0 0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAH MADHOPUR 2 0 0 0.0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAH MADHOPUR 2 0 0 0.0 0.0 0.0 0.0 1 HVDC HADRAWATI B/B - 0 8 0.0 0.0 0.0 0.0 2 HVDC RAIGARI-PUGALUR 2 1095 0 17.0 0.0 17.0 3 765 kV SOLARI-PUGALUR 2 1147 2179 0.0 9.4 -9.4 4 765 kV SOLARI-RAICHUR 2 1147 2179 0.0 9.4 -9.4 4 765 kV SOLARI-RICALUR 2 1147 2179 0.0 9.4 -9.4 4 765 kV SOLARI-RICALUR 2 1995 0 17.0 0.0 17.0 5 400 kV KOLHAPUR-KUDG 2 958 0 13.9 0.0 13.9 6 220 kV KOLHAPUR-KUDG 2 958 0 13.9 0.0 13.9 6 220 kV KOLHAPUR-KUDG 2 958 0 13.9 0.0 0.0 8 220 kV KOLHAPUR-KUDG 2 0 0 0 0.0 0.0 8 220 kV KOLHAPUR-KUDG 1 0 0 0 0.0 0.0 8 220 kV KOLHAPUR-KUDG 1 0 0 0 0 0.0 9 220 kV KUDEM-AMBEWADI 1 0 0 0 0 0 0.0 10 10 1 0 0 0 0 0 0 NER 132kV GELEPHU-SALAKATI 10 1 6 0.1 NER 132kV GELEPHU-SALAKATI 10 1 6 0.1 NER 132kV MADHANAGAR- 0 0 0 0 0 0 0.0 NER 132kV MADHANAGAR- 0 0 0 0 0 0.0 NER 132kV MAHENDRANAGAR- 0 0 0 0 0 0.0 NER 132kV MAHENDRANAGAR- 0 0 0 0 0 0.0 NER 132kV MAHENDRANAGAR- 0 0 0 0 0 0.0 NER 132kV MAHENDRANAGAR- 0 0 0 0 0 0 0.0 NER 132kV				1					
13				j					
14 400 kV RAPP-SHUJALPUR 2 230 194 1.3 0.8 0.4 15 220 kV BHANPUR-RARPUR 1 153 0 0.7 0.0 0.5 16 220 kV BHANPUR-RARDUR 1 121 0 1.2 0.0 0.5 -0.4 17 220 kV MERIGAON-AURAIYA 1 121 0 1.2 0.0 0.1 18 220 kV MERIGAON-AURAIYA 1 85 0 1.9 0.0 0.0 19 132 kV GWALIOR-SAWAI MADHOPUR 1 0 0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAI MADHOPUR 2 0 0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAI MADHOPUR 2 0 0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAI MADHOPUR 2 0 0 0.0 0.0 0.0 20 132 kV GWALIOR-SAWAI MADHOPUR 2 0 0 0.0 0.0 0.0 3 765 kV SOLAPUR-RAICHUR 2 1095 0 17.0 0.0 17.0 4 VDC BHABRAWATI B/B - 0 8 0.0 0.0 0.0 5 400 kV KOLHAPUR-RUDIUR 2 1147 2179 0.0 9.4 9.4 4 765 kV SOLAPUR-RAICHUR 2 1147 2179 0.0 9.4 9.4 5 400 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 13.9 6 220 kV WARDHA-NIZAMABAD 2 0 0 0.0 0.0 0.0 8 220 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 1.9 5 400 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 0.0 8 220 kV XELDEM-AMBEWADI 1 0 0 0 0.0 0.0 0.0 9 4 220 kV XELDEM-AMBEWADI 1 0 97 1.9 0.0 1.9 STATE REGION Line Name Max (MW) Min (MW) Avg (MW) Energy Excl. MARCHELL (LARICHUR LEPT-HISAMU) 1.2 0 0 0.0 0.0 0.0 8 220 kV XELDEM-AMBEWADI 1 0 97 1.9 0.0 1.9 BHUTAN ER MALBASE - BINACURI LE RINACURI LE RINACUR				<u> </u>			21.6	0.0	
1	14	400 kV	RAPP-SHUJALPUR	2	230	194	1.3	0.8	0.4
17 220 kV MEHGAON-AURANYA 1 121 0 1.2 0.0 1.2 18 220 kV MALAPUR-RAUNYA 1 85 0 1.9 0.0 1.9 19 132 kV GWALIOR-SAWAI MADHOPUR 1 0 0 0.0 0.0 0.0 0.0 10 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0 0.0 0.0 10 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0 0.0 0.0 10 132 kV RAJGHAT-LALITPUR 2 0 0 0.0 0.0 0.0 0.0 10 10 10 10 10 10 10	15	220 kV	BHANPURA-RANPUR	1	153	0	0.7	0.0	0.7
18 220 kV MALANPURAURANYA				1					
19 132 kV GWALIOR-SAWAI MADHOPUR 1 0 0 0 0 0 0 0 0 0				1					
20		220 KV	MALANPUK-AUKAIYA	1					
WR-NR				1 2					
Import/Export of WR With SR) 1	20	134 N V	NOSCHAT-LALITIUR		. 0				
The content of the	Import/E	Export of WR (With SR)				05.0	10011	-000
3 765 kV SOLAPUR-RAICHUR 2 1147 2179 0.0 9.4 9.4 9.4 4 765 kV WARDHA-NIZAMBAD 2 0 2286 0.0 2281 2.81. 2.81. 5 400 kV KOLHAPUR-KUDGI 2 9.58 0 13.9 0.0 13.9 0.0 7 220 kV KOLHAPUR-KUDGI 2 0 0 0 0.0					0	8	0.0		0.0
4 765 kV WARDHA-NIZAMABAD 2 0 2286 0.0 28.1 -28.1 5 400 kV KOLHAPUR-KUDGI 2 958 0 13.9 0.0 13.9 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 NODA-AMBEWADI 1 0 0 0 0.0 0.0 0.0 8 220 kV XELDEM-AMBEWADI 1 0 97 1.9 0.0 1.9		HVDC	RAIGARH-PUGALUR			0	17.0	0.0	17.0
S									
Color									
7 220 kV PONDA-AMBEWADI 1 0 0 0 0.0 0.0 0.0 1.9									
S 220 kV XELDEM-AMBEWADI									
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Excl (MIT)				1					
INTERNATIONAL EXCHANGES									
State Region Line Name Max (MW) Min (MW) Avg (MW) Energy Exc (MID)			IN	TERNATIONAL EX	CHANGES				
Mark	_	C4-4-				M (2000)	3.61 (3.64)		Energy Exchange
BHUTAN ER	s	State	Region			Max (MW)	Min (MW)	Avg (MW)	
MANGDECHU HEP 4*180AUW		- 1							
BHUTAN ER MALBASE - BINAGURI 12,4 (& 400kV 18,4 (& 4	l		ER			190	0	162	3.9
ER	l	Ļ		MANGDECHU HEP	1*180MW)			1	
RECEIPT (from TALA HEP (6*170MW)	l		ED	MALBASE - RINACI	RD i.e. BINACHRI	394	e.	365	88
BHUTAN ER MALBASE - BIRPARA 12 (& 220KV CHUKHA-BIRPARA 18 (& 220KV CHUKHA-BIRPARA 18 (& 220KV CHUKHA-BIRPARA 19 0 30 0.7	l		ER	RECEIPT (from TALA HEP (6*170MW)		304	U	303	0.0
NER 132kV GELEPHU-SALAKATI 10	l	ŀ		220kV CHUKHA-BIRPARA 1&2 (& 220kV					
NER 132kV GELEPHU-SALAKATI 10 1 6 0.1 NER 132kV MOTANGA-RANGIA 14 5 9 0.2 NR 132kV MAHENDRANAGAR-	BH	HUTAN	ER			49	0	30	0.7
NER 132kV MOTANGA-RANGIA 14 5 9 0.2	l	Ļ		RECEIPT (from CHU	KHA HEP 4*84MW)			1	
NER 132kV MOTANGA-RANGIA 14 5 9 0.2	l		NED	132kV GELEPHILSA	LAKATI	10	1	6	0.1
NR 132kV MAHENDRANAGAR- TANAKPUR(NHPC) 0 0 0 0.0	l		NER	GLEEN HO-SA		10	1	"	J.1
NR 132kV MAHENDRANAGAR- TANAKPUR(NHPC) 0 0 0 0.0	l	ľ		1221-Y MOTANGA BANGY					
NR TANAKPUR(NHPC) 0 0 0 0.0	l		NER	132kV MOTANGA-RANGIA		14	5	9	0.2
NR TANAKPUR(NHPC) 0 0 0 0.0									
TANAKPUR(NHPC)	l		NR			0	0	0	0.0
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0,0	l		:NK			ð	J	"	0.0
NEPAL ER NEPAL IMPORT (FROM BIHAR) 0 0 0 0,0	l	ŀ							
	N	EPAL	ER	NEPAL IMPORT (FR	OM BIHAR)	0	0	0	0.0
	l	ŀ							
ER 400kV DHALKEBAR-MUZAFFARPUR 1&2 158 57 68 1.6	l		ED	400kV DHALKERAD	MUZAFFARPIIR 18-2	158	57	68	1.6
ER 100 1.0 57 00 1.0	l		EK	TOURY DISALKEDAK	LAFFARFUR 102	138	31	J0	1.0
		İ							
ER BHERAMARA B/B HVDC (BANGLADESH) -742 -452 -613 -14.7	l		ER	BHERAMARA B/B H	VDC (BANGLADESH)	-742	-452	-613	-14.7
	l	Ļ						1	
	RANC	CLADESH	NED		RAJMANI NAGAR	-04		_g2	-2.0
132kV COMILI A SURA IMANI NAGAR	BANG	GLADESH	NER	1&2		-96	U	-63	-2.0
	BANG	GLADESH	NER		RAJMANI NAGAR	-96	0	-83	-2.0