

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: 29th Dec 2021

Ref: POSOCO/NLDC/SO/Daily PSP Report

Τo,

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 28.12.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-दिसंबर-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 28th December 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: 29-Dec-2021

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	50901	51489	41619	18608	2625	165242
Peak Shortage (MW)	362	0	0	45	0	407
Energy Met (MU)	1012	1200	948	387	46	3592
Hydro Gen (MU)	104	37	76	25	11	253
Wind Gen (MU)	18	66	53		-	137
Solar Gen (MU)*	23.41	21.24	101.17	4.29	0.26	150
Energy Shortage (MU)	6.00	0.97	0.00	2.58	0.00	9.55
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	51685	58853	47578	19566	2704	176781
Time Of Maximum Demand Met (From NLDC SCADA)	10:53	10:41	09:47	18:01	17:55	10:42
B. Frequency Profile (%)						

Region	FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India	0.028	0.00	0.00	4.12	4.12	77.72	18.16
							-

		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)	(MC)	(11111)	(MU)
	Punjab	6471	0	125.8	64.7	-0.3	184	0.78
	Haryana	6853	0	128.2	69.6	0.4	174	0.00
	Rajasthan	13064	0	247.9	61.7	-1.8	461	0.00
	Delhi	4171	0	70.7	59.9	-1.4	241	0.00
NR	UP	16400	0	297.3	88.5	-3.4	377	0.00
	Uttarakhand	2318	0	43.1	29.9	1.0	236	0.10
	HP	1910	0	34.9	28.1	-0.2	168	0.47
	J&K(UT) & Ladakh(UT)	2819	250	60.0	55.0	-0.1	179	4.65
	Chandigarh	235	0	3.9	4.1	-0.2	43	0.00
	Chhattisgarh	3836	0	76.2	29.2	-2.3	186	0.00
	Gujarat	16877	130	341.7	179.5	-2.6	754	0.97
	MP	11902	0	242.0	151.7	-5.0	514	0.00
WR	Maharashtra	24420	0	483.7	154.5	-4.1	1008	0.00
	Goa	599	0	11.9	11.6	-0.3	39	0.00
	DD	315	0	7.0	6.9	0.1	38	0.00
	DNH	834	0	19.4	19.2	0.2	64	0.00
	AMNSIL	812	0	17.7	8.2	0.0	255	0.00
	Andhra Pradesh	9363	0	178.4	76.6	-0.1	805	0.00
	Telangana	10387	0	196.0	85.6	0.2	613	0.00
SR	Karnataka	11310	0	204.3	50.7	-0.9	689	0.00
	Kerala	3681	0	72.6	56.7	-0.4	206	0.00
	Tamil Nadu	14072	0	289.4	165.3	-1.8	394	0.00
	Puducherry	361	0	7.2	7.5	-0.3	48	0.00
	Bihar	4344	0	77.2	71.5	-1.1	375	0.63
	DVC	3249	0	66.6	-36.8	-1.9	246	0.48
	Jharkhand	1593	0	28.6	21.4	-2.3	175	1.47
ER	Odisha	5452	0	98.8	56.1	-1.6	696	0.00
	West Bengal	6211	0	113.4	-2.0	0.3	290	0.00
	Sikkim	124	0	1.9	1.8	0.2	54	0.00
	Arunachal Pradesh	137	0	2.3	2.2	0.0	49	0.00
	Assam	1465	0	24.8	18.7	-0.5	84	0.00
	Manipur	245	0	3.2	3.5	-0.3	29	0.00
NER	Meghalaya	393	0	7.4	5.9	0.1	37	0.00
	Mizoram	134	0	1.9	1.5	-0.2	14	0.00
	Nagaland	147	0	2.5	2.1	0.4	21	0.00
	Tuinnun	217	0	3.6	3.5	0.1	48	0.00

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

	Bhutan	Nepal	Bangladesh
Actual (MU)	4.8	-7.4	-12.1
Day Peak (MW)	368.0	-542.7	-540.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	225.9	-176.6	92.9	-147.1	4.9	0.0
Actual(MU)	242.4	-187.7	91.7	-155.8	4.6	-4.8
O/D/U/D(MU)	16.5	-11.1	-1.2	-8.7	-0.3	-4.8

F. Generation Outage(MW)

r. Generation Outage(MW)							
	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	8416	12428	7312	1800	664	30619	42
State Sector	8810	18153	10743	4228	112	42046	58
Total	17226	30581	18055	6028	776	72665	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	570	1225	487	552	9	2843	77
Lignite	24	12	45	0	0	81	2
Hydro	104	37	76	25	11	253	7
Nuclear	29	33	69	0	0	130	4
Gas, Naptha & Diesel	13	12	9	0	25	59	2
RES (Wind, Solar, Biomass & Others)	67	88	185	4	0	345	9
Total	806	1407	871	582	45	3711	100
Share of RES in total generation (%)	8.28	6.28	21.23	0.75	0.57	9.29	
Share of Non-fossil fuel (Hydro,Nuclear and RES) in total generation(%)	24.71	11.28	37.87	5.06	24.65	19.63	

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.020
Based on State Max Demands	1.056

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 2 3 4								
1 2 3 4	Voltage Level	Line Details	No. of Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Date of Reporting: Export (MU)	29-Dec-2021 NET (MU)
1 2 3 4	rt/Export of ER (110. or Circuit	Max Import (M W)	max Export (mm)	Import (MC)		REI (MC)
3 4	HVDC	ALIPURDUAR-AGRA	2.	0	0	0.0	0.0	0.0
4	HVDC	PUSAULI B/B		3	Ö	0.0	0.0	0.0
		GAYA-VARANASI	2	21	796	0.0	10.8	-10.8
	765 kV	SASARAM-FATEHPUR	1	0	574	0.0	9.1	-9.1
6	765 kV 400 kV	GAYA-BALIA PUSAULI-VARANASI	1	0 27	647 131	0.0	11.5 1.4	-11.5 -1.4
7		PUSAULI -ALLAHABAD	i	5	168	0.0	1.9	-1.9
8	400 kV	MUZAFFARPUR-GORAKHPUR	2	ő	941	0.0	12.7	-12.7
9	400 kV	PATNA-BALIA	4	0	1561	0.0	24.3	-24.3
10		BIHARSHARIFF-BALIA	2	0	466	0.0	5.9	-5.9
11	400 kV	MOTIHARI-GORAKHPUR	2	0	622	0.0	10.3	-10.3
12	400 kV	BIHARSHARIFF-VARANASI	2	0	372	0.0	5.1 1.8	-5.1
13		PUSAULI-SAHUPURI SONE NAGAR-RIHAND	1	0	132	0.0	0.0	-1.8 0.0
15		GARWAH-RIHAND	i	25	0	0.2	0.0	0.2
16		KARMANASA-SAHUPURI	1	0	0	0.0	0.0	0.0
17	132 kV	KARMANASA-CHANDAULI	1	0	0	0.0	0.0	0.0
Ļ-	·	THE TIPE			ER-NR	0.2	94.8	-94.6
	rt/Export of ER (055	770	2.7	0.0	2.7
1	765 kV	JHARSUGUDA-DHARAMJAIGARH	4	977	770	2.7	0.0	2.7
2	765 kV	NEW RANCHI-DHARAMJAIGARH	2	351	747	0.0	4.4	-4.4
3	765 kV	JHARSUGUDA-DURG	2	91	319	0.0	2.3	-2.3
4	400 kV	JHARSUGUDA-RAIGARH	4	404	416	0.0	1.0	-1.0
5	400 kV	RANCHI-SIPAT	2	148	234	0.0	0.4	-0.4
6	220 kV	BUDHIPADAR-RAIGARH	1	116	55	0.4	0.0	0.4
7	220 kV	BUDHIPADAR-KORBA	2	126	0	1.9	0.0	1.9
					ER-WR	5.0	8.1	-3.1
	rt/Export of ER (-	·	-			
1		JEYPORE-GAZUWAKA B/B	2	0	452	0.0	7.1	-7.1
3	HVDC 765 kV	TALCHER-KOLAR BIPOLE ANGUL-SRIKAKULAM	2	0	1976 2999	0.0	33.7 48.0	-33.7
4	400 kV	TALCHER-I/C	2	916	635	5.5	0.0	-48.0 5.5
5		BALIMELA-UPPER-SILERRU	í	2.	0	0.0	0.0	0.0
					ER-SR	0.0	88.8	-88.8
Impor	rt/Export of ER (With NER)						
1	400 kV	BINAGURI-BONGAIGAON	2	42	356	0.0	2.7	-2.7
2		ALIPURDUAR-BONGAIGAON	2	80	495	0.0	5.0	-5.0
3	220 kV	ALIPURDUAR-SALAKATI	2	7	92 ER-NER	0.0	0.9 8.6	-0.9
Impor	rt/Export of NER	(With NR)			EK-NEK	0.0	0.0	-8.6
1		BISWANATH CHARIALI-AGRA	2	0	502	0.0	4.5	-4.5
					NER-NR	0.0	4.5	-4.5
Impor	rt/Export of WR (
1	HVDC	CHAMPA-KURUKSHETRA	2	0	3015	0.0	59.8	-59.8
2	HVDC	VINDHYACHAL B/B	2	449	0	5.8	0.0	5.8
3		MUNDRA-MOHINDERGARH GWALIOR-AGRA	2	0	253 1808	0.0	6.2 24.1	-6.2
5		GWALIOR-PHAGI	2	0	2086	0.0	30.5	-24.1 -30.5
6	765 kV	JABALPUR-ORAI	2	0	892	0.0	25.8	-25.8
7	765 kV	GWALIOR-ORAI	1	776	0	13.4	0.0	13.4
8	765 kV	SATNA-ORAI	1	0	1020	0.0	19.0	-19.0
9	765 kV	BANASKANTHA-CHITORGARH	2	1299	0	16.5	0.0	16.5
10		VINDHYACHAL-VARANASI	2	0	2244	0.0	36.3	-36.3
11 12		ZERDA-KANKROLI	1	310 354	0	4.3	0.0	4.3
13	400 KV	ZERDA -BHINMAL VINDHYACHAL -RIHAND	1	474	0	4.7 10.8	0.0	4.7 10.8
14	400 kV	RAPP-SHUJALPUR	2	189	395	0.0	2.2	-2.2
15		BHANPURA-RANPUR	1	0	0	0.0	0.0	0.0
16		BHANPURA-MORAK	1	0	30	0.0	0.4	-0.4
17		MEHGAON-AURAIYA	1	105	0	0.6	0.0	0.6
18 19	220 kV	MALANPUR-AURAIYA	1	66	9	1.4 0.0	0.0	1.4
20	132 kV 132 kV	GWALIOR-SAWAI MADHOPUR RAJGHAT-LALITPUR	2	0	0	0.0	0.0	0.0
20	132 KV	RAJOHAT-LALITI UK			WR-NR	57.6	204.2	-146.6
Impor	rt/Export of WR ((With SR)			.,			TANG
1	HVDC	BHADRAWATI B/B	-	0				
		RAIGARH-PUGALUR			1009	0.0	9.2	-9.2
2	765 kV		2	596	1501	0.0	11.1	-11.1
3	B(5.44	SOLAPUR-RAICHUR	2	596 1761	1501 2388	0.0 0.0 0.0	11.1 7.8	-11.1 -7.8
3	765 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD	2 2	596 1761 0	1501 2388 3094	0.0 0.0 0.0 0.0	11.1 7.8 36.6	-11.1 -7.8 -36.6
3	400 kV	SOLAPUR-RAICHUR	2	596 1761	1501 2388	0.0 0.0 0.0 0.0 19.1	11.1 7.8 36.6 0.0	-11.1 -7.8
3 4 5	400 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	2 2 2	596 1761 0 1431	1501 2388 3094 0	0.0 0.0 0.0 0.0	11.1 7.8 36.6	-11.1 -7.8 -36.6 19.1
3 4 5 6	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	2 2 2 2 2	596 1761 0 1431	1501 2388 3094 0 0 0	0.0 0.0 0.0 0.0 19.1 0.0 0.0	11.1 7.8 36.6 0.0 0.0 0.0 0.0	-11.1 -7.8 -36.6 19.1 0.0 0.0
3 4 5 6 7	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	2 2 2 2 2 1	596 1761 0 1431 0	1501 2388 3094 0 0	0.0 0.0 0.0 0.0 19.1 0.0 0.0	11.1 7.8 36.6 0.0 0.0	-11.1 -7.8 -36.6 19.1 0.0
3 4 5 6 7	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1	596 1761 0 1431 0 0	1501 2388 3094 0 0 0	0.0 0.0 0.0 0.0 19.1 0.0 0.0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7	-11.1 -7.8 -36.6 19.1 0.0 0.0
3 4 5 6 7	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	596 1761 0 1431 0 0 0 CHANGES	1501 2388 3094 0 0 0 0 69 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4
3 4 5 6 7	400 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	2 2 2 2 2 1 1 1 TERNATIONAL EX	596 1761 0 1431 0 0 0 0 CHANGES	1501 2388 3094 0 0 0	0.0 0.0 0.0 0.0 19.1 0.0 0.0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve)
3 4 5 6 7	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 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI	596 1761 0 1431 0 0 0 CCHANGES Name	1501 2388 3094 0 0 0 0 0 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 44.7 Import(Avg (MW)	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII)
3 4 5 6 7	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 2 1 1 1 TERNATIONAL EX Line 400kV MANGBECHI 1,2&3 i.e. ALIPURDU	596 1761 0 1431 0 0 1431 0 0 0 CHANGES Name AR RECEIPT (from	1501 2388 3094 0 0 0 0 69 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange
3 4 5 6 7	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 1 TERNATIONAL EX Line 400kV MANGDECH 1,283 i.e. ALIPURDU MANGDECHU HEP	596 1761 0 1431 0 0 0 1431 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*18MW)	1501 2388 3094 0 0 0 0 0 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 44.7 Import(Avg (MW)	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII)
3 4 5 6 7	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 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 Le ALIPURDU MANGDECHI 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG	596 1761 0 1431 0 0 1431 0 0 0 CHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 1.2,4 (& 400kV) URI 1.2,4 (& 400kV)	1501 2388 3094 0 0 0 0 0 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 44.7 Import(Avg (MW)	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII)
3 4 5 6 7	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 1 1 1 1 TERNATIONAL EX Line 400RV MANGDECHH 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400RV TALA-BINAG MALBASE - BINAGI MALEBIY From TALI	596 1761 0 1431 0 0 1431 0 0 0 CHANGES Name HU-ALIPURDUAR AR RECEIPT (from 49180MW) URI 1,2,4 (8 400kV IRI 1,6 4 HDR (6 41 HDR (6 41 HDR MW) IRI 1,6 4 H	1501 2388 3094 0 0 0 69 WR-SR Max (MW)	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW)	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3
3 4 5 6 7 8	400 kV 220 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 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGG RECEIPT (from TAL 220KV CHUKHA-BIR	596 1761 0 1431 0 0 1431 0 0 0 CHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4/180MW) URI 1.2,4 (& 400kV) URI 1.2,4 (& 400kV) HI 1.6, BINAGURI A HEP (6°170MW) PARA 1.82 (& 220kV	1501 2388 3094 0 0 0 0 9 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3
3 4 5 6 7 8	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 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAG MALBASE - BINAGI ECEJEPT (From TAL 220kV CHUKHIA-BIR MALBASE - BIRPAR MALBASE - BIRPAR	596 1761 0 1761 0 1431 0 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) (RI) Le, BINAGURI AHEP (6*10MW) (PARA 1482 (& 220kV)	1501 2388 3094 0 0 0 69 WR-SR Max (MW)	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW)	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3
3 4 5 6 7 8	400 kV 220 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 1 1 1 1 TERNATIONAL EX Line 400KV MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGG RECEIPT (from TAL 220KV CHUKHA-BIR	596 1761 0 1761 0 1431 0 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) (RI) Le, BINAGURI AHEP (6*10MW) (PARA 1482 (& 220kV)	1501 2388 3094 0 0 0 0 9 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3
3 4 5 6 7 8	400 kV 220 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 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAG MALBASE - BINAGI ECEJEPT (From TAL 220kV CHUKHIA-BIR MALBASE - BIRPAR MALBASE - BIRPAR	596 1761 0 1761 0 1431 0 0 0 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 0 9 WR-SR	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	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 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHIA-BIR RECEIPT (from CHU	596 1761 0 1761 0 1431 0 0 0 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 69 WR-SR Max (MW) 123	0.0 0.0 0.0 0.0 0.0 19.1 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MU) 1.3 3.8
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI 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 MANGDECHI 1,2&3 i.e. Alpurdu MANGDECHU HEP 400KV TALA BNAG MALBASE - BINAGI RECEPT (from TAL 132kV GELEPHU-SA	596 1761 0	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158	-11.1 -7.8 -36.6 19.1 -0.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	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 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHU HEP 400kV TALA BINAG MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHIA-BIR RECEIPT (from CHU	596 1761 0	1501 2388 3094 0 0 0 69 WR-SR Max (MW) 123	0.0 0.0 0.0 0.0 0.0 19.1 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MU) 1.3 3.8
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI 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 400RV MANGDECHI 1,283 le. ALIPURDU MANGDECHU HEP 400RV TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R	596	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53 158 -13 0	-11.1 -7.8 -36.6 19.1 -0.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI IN Region ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGBECHI 1,2&3 i.e. ALIPURDU MANODECHUBEP MANODECHUBEP MANDECHUBEP MALBASE - BINAGI RECERT (from TAL 220KV CHUKHA-BIR RECERT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R	596 1761 0 0 1431 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4	0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW)	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158	-11.1 -7.8 -36.6 19.1 -0.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI FONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400RV MANGDECHI 1,283 le. ALIPURDU MANGDECHU HEP 400RV TALA-BINAG MALBASE - BINAGI MALBASE - BINAGI RECEIPT (from TAL 132kV GELEPHU-SA 132kV MOTANGA-R	596 1761 0 0 1431 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 WR-SR Max (MW) 123 221 4 -10	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 142	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53 158 -13 0	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3
3 4 5 6 7 8	400 kV 220 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 IERNATIONAL EX Line 400KV MANGDECHI 1,2&3 i.e. Alpurdu MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGI RECEIBT (from TAL 220KV CHUKHA-BIRAG MALBASE - BIRAGI HALBASE - BIRAGI 132kV GELEPHU-SA 132kV MAHENDRAF TANAKPUR(NHPC)	596 1761 0 1431 0 0 1431 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URIT 1,2,4 fx 400WV (RR) 1,2,6 fx 400WV (RR) 1,4 fx 400WV (RR)	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -70	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 142 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5	-11.1 -7.8 -36.6 19.1 10.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0
3 4 5 6 7 8	400 kV 220 kV 220 kV 220 kV 220 kV	SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-KUDGI FONDA-AMBEWADI XELDEM-AMBEWADI ER ER ER NER	2 2 2 2 1 1 1 TERNATIONAL EX Line 400KV MANGBECHI 1,2&3 i.e. ALIPURDU MANODECHUBEI MANODECHUBEI MANODECHUBEI MANDECHUBEI MALBASE - BINAGI RECERT (from TAL 220KV CHUKHA-BIR RECERT (from CHU 132kV GELEPHU-SA 132kV MOTANGA-R	596 1761 0 1431 0 0 1431 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URIT 1,2,4 fx 400WV (RR) 1,2,6 fx 400WV (RR) 1,4 fx 400WV (RR)	1501 2388 3094 0 0 0 WR-SR Max (MW) 123 221 4 -10	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 142	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53 158 -13 0	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3
3 4 5 6 7 8	400 kV 220 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 IERNATIONAL EX Line 400KV MANGDECHI 1,2&3 i.e. Alpurdu MANGDECHU HEP 400KV TALA-BINAG MALBASE - BINAGI RECEIBT (from TAL 220KV CHUKHA-BIRAG MALBASE - BIRAGI HALBASE - BIRAGI 132kV GELEPHU-SA 132kV MAHENDRAF TANAKPUR(NHPC)	596 1761 0 1431 0 0 1431 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URIT 1,2,4 fx 400WV (RR) 1,2,6 fx 400WV (RR) 1,4 fx 400WV (RR)	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -70	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 142 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5	-11.1 -7.8 -36.6 19.1 10.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0
3 4 5 6 7 8	400 kV 220 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 400kV MANGDECHI 1,2k3 le. ALIPURDI MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIPAGG MALBAS	596 1761 0 1431 0 0 1431 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URIT 1,2,4 fx 400WV (RR) 1,2,6 fx 400WV (RR) 1,4 fx 400WV (RR)	1501 2388 3094 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -70	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 142 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5	-11.1 -7.8 -36.6 19.1 0.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0
3 4 5 6 7 8	400 kV 220 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 Region ER ER NER NER NER	2 2 2 2 1 1 1 1 TERNATIONAL EX Line 400kV MANGDECHI 1,2k3 le. ALIPURDI MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGG MALBASE - BINAGG MALBASE - BIPAGG MALBAS	596 1761 0 1761 0 1431 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 0 0 9 WR-SR Max (MW) 123 221 4 -10 -10 -70	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 0 0 0 0 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53 158 -13 0 -5 -24	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 -0.6 -0.1
3 4 5 6 7 8	400 kV 220 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 IERNATIONAL EX 1 1 IERNATIONAL EX 1 1 IERNATIONAL EX 1 400kV MANGDECH 1,2x3-1e. ALIPURDU 1,2x4-1e. ALIPURD 1,2	596 1761 0 1761 0 0 1431 0 0 0 0 CCHANGES Name HU-ALIPURDUAR AR RECEIPT (from 4*180MW) URIT 1,2-4*74 *400W URIT 1,2-4*8 *400W U	1501 2388 3094 0 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -10 -70 -149	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 0 0 0 0 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5 -24 -86	-11.1 -7.8 -36.6 19.1 19.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0 -0.1 -0.6 -2.1
3 4 5 6 7 8	400 kV 220 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 Region ER ER NER NER NER	2 2 2 2 2 1 1 IERNATIONAL EX 1 1 IERNATIONAL EX 1 1 IERNATIONAL EX 1 400kV MANGDECH 1,2x3-1e. ALIPURDU 1,2x4-1e. ALIPURD 1,2	596 1761 0 1761 0 1431 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1501 2388 3094 0 0 0 0 0 9 WR-SR Max (MW) 123 221 4 -10 -10 -70	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 0 0 0 0 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 0.0 64.7 Import Avg (MW) 53 158 -13 0 -5 -24	-11.1 -7.8 -36.6 19.1 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 -0.1 -0.6
3 4 5 6 7 8	400 kV 220 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 MANGDECHI 1,2&3 i.e. ALIPURDU MANGDECHI HEP 400kV TALA BINAG MALBASE - BINAGI MALBASE - BINAGI RECEIPT (from TAL 220kV CHUKHIA-BIB RECEIPT (from TAL 132kV MOTANGA-R 132kV MOTANGA-R 132kV MAHENDRA TANAKPUR(NHPC) NEPAL IMPORT (FI 400kV DHALKEBAR BHERAMARA B/B E	596 1761 0 0 1431 0 0 0 CCHANGES Name 80-ALIPURDUAR AR RECEIPT (from 4-18WWG 1846 1848 1848 1848 1848 1848 1848 1848	1501 2388 3094 0 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -10 -70 -149	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 0 0 0 0 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5 -24 -86	-11.1 -7.8 -36.6 19.1 19.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0 -0.1 -0.6 -2.1
3 4 5 6 7 8 8	400 kV 220 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 IERNATIONAL EX 1 1 IERNATIONAL EX 1 1 IERNATIONAL EX 1 400kV MANGDECH 1,2x3-1e. ALIPURDU 1,2x4-1e. ALIPURD 1,2	596 1761 0 0 1431 0 0 0 CCHANGES Name 80-ALIPURDUAR AR RECEIPT (from 4-18WWG 1846 1848 1848 1848 1848 1848 1848 1848	1501 2388 3094 0 0 0 0 0 WR-SR Max (MW) 123 221 4 -10 -10 -70 -149	0.0 0.0 0.0 0.0 0.0 19.1 0.0 0.0 1.2 20.3 Min (MW) 0 0 0 0 0 0 0	11.1 7.8 36.6 0.0 0.0 0.0 0.0 64.7 Imports Avg (MW) 53 158 -13 0 -5 -24 -86	-11.1 -7.8 -36.6 19.1 19.0 0.0 0.0 1.2 -44.4 +ve)/Export(-ve) Energy Exchange (MII) 1.3 3.8 -0.3 0.0 -0.1 -0.6 -2.1