

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

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 16th June 2019

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. मुख्य महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह, लापलंग, शिलोंग ७९३००६ Chief General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के., २९ , रेस कोर्स क्रॉस रोड, बंगलुरु –५६०००९ Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 15.06.2019.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक15-जून-2019 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 15th June 2019, is available at the NLDC website.

धन्यवाद,

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

Date of Reporting Report for previous day 16-Jun-19

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	55528	46558	42954	19482	2642	167164
Peak Shortage (MW)	723	0	0	0	142	865
Energy Met (MU)	1412	1143	982	468	51	4056
Hydro Gen (MU)	334	9	39	81	18	481
Wind Gen (MU)	44	136	171			351
Solar Gen (MU)*	29.29	20.93	89.10	2.14	0.02	141
Energy Shortage (MU)	11.1	0.0	0.0	0.0	4.1	15.2
Maximum Demand Met during the day	64806	51304	42970	22473	2682	178898
(MW) & time (from NLDC SCADA)	00:05	11:53	22:26	00:50	19:16	00:00

B. Frequency Profile (%)
Region
All India FVI <49.7 49.7-49.8 49.8-49.9 <49.9 49.9-50.05 > 50.05 0.058

C.	Power	Supply	Position	in States

Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU
	Punjab	11550	0	240.2	129.6	-7.2	188	0.0
	Haryana	9293	0	201.3	130.5	0.4	214	0.0
	Rajasthan	11605	0	257.9	64.5	-1.2	345	0.0
NR	Delhi	6515	0	130.7	109.6	-0.8	194	0.0
	UP	21103	340	450.6	220.7	1.6	817	0.0
	Uttarakhand	2107	0	46.9	16.4	0.9	138	0.0
	HP	1477	0	31.1	3.7	1.5	155	0.0
	J&K	2300	575	46.9	23.1	-0.7	251	11.1
	Chandigarh	315	0	6.1	7.1	-1.0	0	0.0
	Chhattisgarh	3720	0	89.6	32.8	0.0	779	0.0
	Gujarat	15350	0	342.9	78.1	8.0	688	0.0
	MP	9054	0	203.4	118.7	-0.1	386	0.0
WR	Maharashtra	20631	0	464.0	111.0	-0.3	473	0.0
WK	Goa	541	0	11.5	10.6	0.3	177	0.0
	DD	342	0	7.6	7.2	0.5	43	0.0
	DNH	744	0	17.4	17.5	-0.2	57	0.0
	Essar steel	346	0	6.6	6.5	0.2	276	0.0
	Andhra Pradesh	9575	0	201.8	38.5	0.6	834	0.0
	Telangana	7763	0	168.4	48.5	0.3	834	0.0
SR	Karnataka	9869	0	198.1	61.5	1.3	845	0.0
3N	Kerala	3584	0	71.9	56.2	1.8	325	0.0
	Tamil Nadu	15609	0	332.9	141.0	-0.1	699	0.0
	Pondy	435	0	9.1	9.2	-0.2	33	0.0
	Bihar	5209	0	106.1	103.3	0.4	350	0.0
	DVC	3018	0	66.5	-41.9	0.4	300	0.0
ER	Jharkhand	1001	0	27.3	21.5	0.2	150	0.0
LIN	Odisha	4234	0	87.1	36.1	2,4	400	0.0
	West Bengal	9068	0	180.4	66.3	2,2	425	0.0
	Sikkim	90	0	1.1	1.3	-0.2	30	0.0
	Arunachal Pradesh	122	1	2.1	2.7	-0.6	43	0.0
	Assam	1700	93	31.8	26.6	0.5	134	4.0
	Manipur	162	4	2,2	2.3	-0.1	16	0.0
NER	Meghalaya	337	0	6.1	1.9	0.2	107	0.0
	Mizoram	94	2	1.8	1.6	0.1	5	0.0
	Nagaland	124	3	2.1	2.2	-0.1	55	0.0
	Tripura	239	2	5.0	3.7	0.1	56	0.0

$\textbf{D. Transnational Exchanges} \ \ (\textbf{MU}) \textbf{-} \textbf{Import} (+\textbf{ve}) / \textbf{Export} (-\textbf{ve})$

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.5	-7.5	-19.8
Day peak (MW)	647.9	-464.6	-1116.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	261.0	-261.2	42.0	-39.2	-2.7	0.0
Actual(MU)	255.8	-257.5	45.9	-35.1	-4.3	4.9
O/D/U/D(MU)	-5.2	3.7	3.9	4.1	-1.7	4.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3082	14372	7872	1450	56	26832
State Sector	5370	14947	7250	2910	50	30527
Total	8452	29319	15122	4360	106	57358

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	647	1155	494	447	13	2756
Lignite	19	12	37	0	0	68
Hydro	334	9	39	81	18	481
Nuclear	27	29	60	0	0	117
Gas, Naptha & Diesel	48	42	16	0	29	135
RES (Wind, Solar, Biomass & Others)	88	167	297	2	0	554
Total	1163	1415	942	530	60	4110

Share of RES in total generation (%)	7.58	11.80	31.49	0.41	0.03	13.48
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	38.62	14.50	42.04	15.67	29.79	28.01

H. Diversity Factor All India Demand Diversity Factor 1.030 Diversity factor = Sum of regional maximum demands / All India maximum demand

 $[\]textbf{*Source:} \ RLDCs \ for \ solar \ connected \ to \ ISTS; \ SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$

		<u>IN'</u>	TER-REGI	ONAL EXCH	ANGES	Date of l	Reporting :	16-Jun-19
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/E		ER (With NR)					(4.20)	(,
1	7651-37	GAYA-VARANASI	D/C	235	337	0.0	4.4	-4.4
3	765kV	SASARAM-FATEHPUR GAYA-BALIA	S/C S/C	324 0	430	4.6 0.0	0.0 8.0	4.6 -8.0
4	HVDC	ALIPURDUAR-AGRA	-	0	502	0.0	12.0	-12.0
5	HVDC	PUSAULI B/B	S/C	0	400	0.0	9.7	-9.7
6		PUSAULI-VARANASI	S/C	0	316	0.0	6.6	-6.6
7	_	PUSAULI -ALLAHABAD	S/C	0	157	0.0	2.8	-2.8
9	400 kV	MUZAFFARPUR-GORAKHPUR	D/C Q/C	0	838 1112	0.0	11.5 17.7	-11.5 -17.7
10	400 KV	PATNA-BALIA BIHARSHARIFF-BALIA	D/C	31	285	0.0	3.8	-3.8
11		MOTIHARI-GORAKHPUR	D/C	552	0	6.1	0.0	6.1
12		BIHARSHARIFF-VARANASI	D/C	258	55	1.9	0.0	1.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	197	0.0	4.1	-4.1
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	S/C	30	0	0.5	0.0	0.5
16	132 K	KARMANASA-SAHUPURI	S/C	3	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
T 400	2 4 6	ED (WAL WD)			ER-NR	13.0	80.6	-67.6
	export of	ER (With WR)	1					
18	m/=	JHARSUGUDA-DHARAMJAIGARH	Q/C	1570	0	22.3	0.0	22.3
19	765 kV	NEW RANCHI-DHARAMJAIGARH	D/C	1048	0	16.7	0.0	16.7
20	21 400 kV	JHARSUGUDA-DURG	D/C	250	47	2.9	0.0	2.9
21	400 kV	JHARSUGUDA-RAIGARH RANCHI-SIPAT	Q/C D/C	482 385	0	8.6 6.3	0.0	8.6 6.3
23		BUDHIPADAR-RAIGARH	S/C	22	85	0.0	0.7	-0.7
24	220 kV	BUDHIPADAR-KORBA	D/C	239	0	4.1	0.0	4.1
	ı				ER-WR	60.8	0.7	60.0
Import/E	Export of	ER (With SR)						
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1949.0	0.0	27.3	-27.3
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	400.0	0.0	9.8	-9.8
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1483.0	0.0	32.4	-32.4
28	400 kV	TALCHER-I/C	D/C	637.0	419.0	8.4	0.0	8.4
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0 ER-SR	0.0	0.0	0.0
Import/F	Export of	ER (With NER)			ER-SK	0.0	69.5	-69.5
30	T .	BINAGURI-BONGAIGAON	D/C	0	426	0.0	6.1	-6
31	400 kV	ALIPURDUAR-BONGAIGAON	D/C	227	163	0.0	0.4	0
32	220 kV	ALIPURDUAR-SALAKATI	D/C	0	66	0.0	1.0	-1
					ER-NER	0.0	7.4	-7.4
		NER (With NR)						1
Import/E	Export of HVDC	NER (With NR) BISWANATH CHARIALI-AGRA	-	0	503	0.0	12.4	-12.4
33	HVDC	BISWANATH CHARIALI-AGRA	-	0	503 NER-NR	0.0 0.0		-12.4 -12.4
33	HVDC	BISWANATH CHARIALI-AGRA WR (With NR)	- D/C	•	NER-NR	0.0	12.4 12.4	-12.4
33 Import/E 34	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA	D/C	0	NER-NR 2513	0.0	12.4 12.4 60.2	-12.4 -60.2
33	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR)	D/C D/C D/C	•	NER-NR	0.0	12.4 12.4	-12.4
33 Import/E 34 35	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B	D/C	0 451	2513 0	0.0 0.0 12.2	12.4 12.4 60.2 0.0	-12.4 -60.2 12.2
33 Import/E 34 35 36	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG	D/C D/C	0 451 0	NER-NR 2513 0 1358	0.0 0.0 12.2 0.0	12.4 12.4 12.4 60.2 0.0 33.9	-60.2 12.2 -33.9
33 Import/E 34 35 36 37	HVDC Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA	D/C D/C D/C	0 451 0	2513 0 1358 2518	0.0 0.0 12.2 0.0 0.0	12.4 12.4 60.2 0.0 33.9 48.3	-12.4 -60.2 12.2 -33.9 -48.3
33 Import/E 34 35 36 37 38	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR	D/C D/C D/C D/C	0 451 0 0	2513 0 1358 2518 1201	0.0 12.2 0.0 0.0 0.0	12.4 12.4 60.2 0.0 33.9 48.3 19.6	-12.4 -60.2 12.2 -33.9 -48.3 -19.6
33 Import/E 34 35 36 37 38 39 40 41	HVDC Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI	D/C D/C D/C D/C D/C S/C S/C	0 451 0 0 0 0 0 500	NER-NR 2513 0 1358 2518 1201 889 0 1458	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6	12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4
33 Import/E 34 35 36 37 38 39 40 41 42	HVDC Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA	D/C D/C D/C D/C D/C S/C S/C D/C	0 451 0 0 0 0 0 500 0 56	2513 0 1358 2518 1201 889 0 1458 643	0.0 12.2 0.0 0.0 0.0 0.0 8.6 0.0	12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5
33 Import/E 34 35 36 37 38 39 40 41 42 43	HVDC Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI	D/C D/C D/C D/C D/C S/C S/C S/C S/C	0 451 0 0 0 0 0 500 0 56 115	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6
33 Import/E 34 35 36 37 38 39 40 41 42 43 44	HVDC Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR IABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C	0 451 0 0 0 0 0 500 0 56 115 273	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0	0.0 12.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	12.4 12.4 12.4 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45	HVDC Export of HVDC - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C	0 451 0 0 0 0 500 0 56 115 273 967	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0 0.8 3.1 21.3	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45	HVDC Export of HVDC - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0 0.8 3.1 21.3	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47	HVDC Export of HVDC - 765 kV - 400 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	D/C D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45	HVDC Export of HVDC - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0 0.8 3.1 21.3	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	HVDC Export of HVDC - 765 kV - 400 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK	D/C D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108 41	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135	0.0 12.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	HVDC Export of HVDC - 765 kV - 400 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 550 0 56 115 273 967 108 41 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0	0.0 12.2 0.0 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0 0.8 3.1 21.3 0 0.2 0.0 1.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR	D/C D/C D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10	0.0 12.2 0.0 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0 0.8 3.1 21.3 0 0.2 0.0 1.0 0.3	12.4 12.4 12.4 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR)	D/C D/C D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 550 0 556 115 273 967 108 41 0 87 49	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E	HVDC Export of HVDC 765 kV 400 kV 220 kV 132kV Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B	D/C D/C D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0 87 49	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8 0.0 0.0 0.0 1.8 0.0 0.0 1.8 0.0 0.0 1.8 0.0 0.0 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L-SILERU	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 0.0 1 0.0 1 0.0 0.0 0.	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54	HVDC Export of HVDC 765 kV 400 kV 220 kV 132kV Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	D/C	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8 0.0 0.0 0.0 1.8 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 56 51 Import/E 52 53 54 55	HVDC Export of HVDC 765 kV 400 kV 220 kV 132kV Export of HVDC LINK 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD	D/C	0 451 0 0 0 0 500 0 556 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 8889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 1.8 0.0 0.0 0.0 1 1.8 0.0 0.0 0.0 0.0 0.0 1 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHARBUR-LSILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	D/C	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 0.0 0.0 1 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57	HVDC Export of HVDC 765 kV 400 kV 220 kV 132kV Export of HVDC LINK 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHASAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI	D/C	0 451 0 0 0 0 500 0 556 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR 474 0 1139 2045 0 0	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 0.0 0.0 1 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9 0.0
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57 58	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANPUR BHANPURA-WANPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI FONDA-AMBEWADI	D/C	0 451 0 0 0 0 500 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 234.7 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WARIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHASAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-CHIKODI	D/C	0 451 0 0 0 0 500 0 550 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 234.7 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9 0.0 0.0 0.0
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57 58	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NICAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI	D/C	0 451 0 0 0 0 500 0 556 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 234.7 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9 0.0 0.0
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57 58 59	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L-SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C	0 451 0 0 0 0 500 0 550 0 56 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 234.7 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9 0.0 0.0 -18.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/E 52 53 54 55 56 57 58	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC LINK - 765 kV	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NICAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI	D/C	0 451 0 0 0 0 500 0 556 115 273 967 108 41 0 87 49 0	NER-NR 2513 0 1358 2518 1201 889 0 1458 643 57 0 0 260 27 135 0 10 0 WR-NR	0.0 12.2 0.0 0.0 0.0 0.0 0.0 8.6 0.0 0.0	12.4 12.4 12.4 60.2 0.0 33.9 48.3 19.6 34.9 0.0 30.4 4.5 0.2 0.0 0.0 1 0.1 1.8 0.0 0.0 234.7 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-12.4 -60.2 12.2 -33.9 -48.3 -19.6 -34.9 8.6 -30.4 4.5 0.6 3.1 21.3 -1 0.1 -1.8 1.0 0.2 0.0 -178.3 -10.2 0.0 -0.9 -21.2 13.9 0.0 0.0 0.0