

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: 09thAug 2019

To,

- 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 793006 Chief General Manager, 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 08.08.2019.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-अगस्त-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 8th August 2019, is available at the NLDC website.

धन्यवाद,

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

9-Aug-19

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 2000 hrs; from RLDCs)	56550	42529	36165	19684	2851	157779
Peak Shortage (MW)	965	0	0	0	195	1160
Energy Met (MU)	1279	965	813	384	55	3495
Hydro Gen (MU)	337	25	117	105	24	608
Wind Gen (MU)	9	125	197			331
Solar Gen (MU)*	20.68	8.64	44.07	1.30	0.03	75
Energy Shortage (MU)	11.8	0.0	0.0	0.0	1.2	13.0
Maximum Demand Met during the day	57884	44382	36170	20361	2777	158929
(MW) & time (from NLDC SCADA)	20:05	11:24	19:27	21:11	20:24	19:43

B. Frequency Profile (%) Region All India FVI 49.8-49.9 49.9-50.05 0.071

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	11559	0	260.6	146.4	-2.0	62	0.0
	Haryana	9490	0	206.8	158.5	-0.2	133	1.8
NR	Rajasthan	9026	0	201.1	71.6	0.4	525	0.0
	Delhi	6090	0	121.3	100.8	1.7	650	0.1
	UP	18373	0	369.7	162.3	-0.9	493	0.0
	Uttarakhand	1930	0	42.2	15.7	0.5	177	0.1
	HP	1411	0	29.4	-1.1	3.4	887	0.0
	J&K	2105	526	41.2	19.2	2.6	311	9.9
	Chandigarh	325	0	6.4	6.7	-0.3	41	0.0
	Chhattisgarh	3303	0	73.4	30.1	-2.7	367	0.0
	Gujarat	13990	0	309.4	67.2	4.5	580	0.0
	MP	8091	0	174.5	86.5	-3.3	507	0.0
WR	Maharashtra	16855	0	366.0	95.1	-1.9	440	0.0
WK	Goa	541	0	9.8	9.3	-0.2	62	0.0
	DD	344	0	7.8	6.9	0.9	102	0.0
	DNH	802	0	18.8	18.8	0.0	148	0.0
	Essar steel	393	0	5.8	4.9	0.9	527	0.0
	Andhra Pradesh	6999	0	154.8	-16.5	-0.2	422	0.0
	Telangana	7795	0	157.3	66.5	1.7	508	0.0
SR	Karnataka	7413	0	145.9	23.3	-4.0	617	0.0
JK.	Kerala	2433	0	47.1	31.9	0.3	362	0.0
	Tamil Nadu	13472	0	299.7	121.9	-0.3	1180	0.0
	Pondy	375	0	7.8	8.0	-0.3	34	0.0
	Bihar	5199	0	70.0	71.6	-3.7	250	0.0
	DVC	2811	0	58.4	-31.9	-0.6	200	0.0
ER	Jharkhand	1086	0	19.8	13.0	-2.0	140	0.0
LIN	Odisha	4314	0	86.7	51.7	4.1	590	0.0
	West Bengal	7975	0	148.3	64.4	0.0	180	0.0
	Sikkim	75	0	0.8	1.2	-0.4	40	0.0
	Arunachal Pradesh	125	1	2.3	3.1	-0.9	43	0.0
	Assam	1810	90	36.2	30.2	1.4	122	1.2
	Manipur	150	1	2.4	2.4	0.1	27	0.0
NER	Meghalaya	355	0	5.4	2.0	0.0	23	0.0
	Mizoram	91	2	1.6	1.3	0.2	18	0.0
	Nagaland	141	2	2.1	2.2	-0.5	27	0.0
	Tripura	255	1	4.6	4.6	-0.4	35	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	41.0	-4.3	-25.7
Day peak (MW)	1403.9	-340.7	-1104.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	283.8	-242.9	-16.6	-23.3	-1.0	0.0
Actual(MU)	289.7	-236.1	-16.5	-31.6	-2.1	3.4
O/D/U/D(MU)	5.9	6.8	0.1	-8.3	-1.0	3.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	7405	17303	9042	2355	498	36603
State Sector	9025	17975	12630	6670	50	46350
Total	16430	35278	21672	9025	547	82952

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	543	967	327	339	10	2185
Lignite	19	14	42	0	0	76
Hydro	337	25	117	105	24	608
Nuclear	27	28	55	0	0	110
Gas, Naptha & Diesel	36	42	15	0	27	121
RES (Wind, Solar, Biomass & Others)	47	138	282	1	0	468
Total	1009	1213	838	446	62	3568

Share of RES in total generation (%)	4.66	11.36	33.59	0.30	0.05	13.11
Share of Non-fossil fuel (Hydro, Nuclear and	40.71	15.69	54.14	23.94	30.41	22.24
RES) in total generation (%)	40.71	13.07	54.14	23.74	39.41	33.24

H. Diversity Factor
All India Demand Diversity Factor

^{*}Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

		<u>IN7</u>	TER-REGI	ONAL EXCH	ANGES	Date of 1	Reporting :	9-Aug-19
1								Import=(+ve) /Export =(-ve) for
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU) NET (MU)
Import/E	Export of	ER (With NR)			1			
2	765kV	GAYA-VARANASI	D/C S/C	204	414 271	0.0	5.8 1.6	-5.8 -1.6
3	703K V	SASARAM-FATEHPUR GAYA-BALIA	S/C	0	365	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	1001	0.0	23.7	-23.7
5	HVDC	PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6		PUSAULI-VARANASI	S/C	0	191	0.0	3.6	-3.6
7		PUSAULI -ALLAHABAD	S/C	0	88	0.0	1.1	-1.1
9	400 kV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA	D/C Q/C	0	954 648	0.0	14.2	-14.2 -10.9
10	400 KV	BIHARSHARIFF-BALIA	D/C	0	332	0.0	5.7	-5.7
11		MOTIHARI-GORAKHPUR	D/C	0	275	0.0	4.3	-4.3
12	1	BIHARSHARIFF-VARANASI	D/C	125	171	0.0	0.7	-0.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	0.0	2.8	-2.8
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	S/C	30	0	0.2	0.0	0.2
16	132 KV	KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17	1	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
Impo-4/T	Typout of	FD (With WD)			ER-NR	0.2	85.2	-85.0
-	2APOFt 01	ER (With WR)						
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	1484	0	25.8	0.0	25.8
19	/05 KV	NEW RANCHI-DHARAMJAIGARH	D/C	1221	0	16.1	0.0	16.1
20	-	JHARSUGUDA-DURG JHARSUGUDA-RAIGARH	D/C Q/C	379 330	0 14	5.5 3.7	0.0	5.5 3.7
22	400 kV	RANCHI-SIPAT	D/C	444	0	6.1	0.0	6.1
23	****	BUDHIPADAR-RAIGARH	S/C	42	29	0.2	0.0	0.2
24	220 kV	BUDHIPADAR-KORBA	D/C	190	0	3.7	0.0	3.7
					ER-WR	60.9	0.0	60.9
Import/E	Export of	ER (With SR)						
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1615.0	0.0	22.7	-22.7
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	647.0	0.0	15.5	0.0	15.5
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	289.0	0.0	7.3	-7.3
28	400 kV 220 kV	TALCHER-I/C BALIMELA-UPPER-SILERRU	D/C S/C	811.0 1.0	0.0	9.6	0.0	9.6
29	220 K V	BALIMELA-UPPER-SILERRU	S/C	1.0	ER-SR	15.5	30.0	-14.6
Import/F	Export of	ER (With NER)			ZAT DA	10.0	50.0	-14.0
30	1	BINAGURI-BONGAIGAON	D/C	0	729	0.0	8.8	-9
31	400 kV	ALIPURDUAR-BONGAIGAON	D/C	73	472	0.0	1.9	-2
32	220 kV	ALIPURDUAR-SALAKATI	D/C	0	147	0.0	1.6	-2
					ER-NER	0.0	12.3	-12.3
		NER (With NR)						
Import/E		NER (With NR) BISWANATH CHARIALI-AGRA	-	0	1001	0.0	16.9	-16.9
33	HVDC	BISWANATH CHARIALI-AGRA	-	0				
33	HVDC	BISWANATH CHARIALI-AGRA WR (With NR)		-	1001 NER-NR	0.0	16.9 16.9	-16.9 -16.9
33 Import/E 34	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA	D/C	0	1001 NER-NR 2507	0.0 0.0 0.0	16.9 16.9 45.1	-16.9 -16.9 -45.1
33	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B		-	1001 NER-NR	0.0	16.9 16.9	-16.9 -16.9
33 Import/E 34 35	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA	D/C D/C	0 452	1001 NER-NR 2507 0	0.0 0.0 0.0 8.8	16.9 16.9 45.1 0.0	-16.9 -16.9 -45.1 8.8
33 Import/F 34 35 36	HVDC Export of	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG	D/C D/C D/C	0 452 0	1001 NER-NR 2507 0 1915	0.0 0.0 0.0 8.8 0.0	16.9 16.9 45.1 0.0 37.7	-16.9 -16.9 -45.1 8.8 -37.7
33 Import/F 34 35 36 37	Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA	D/C D/C D/C D/C	0 452 0	1001 NER-NR 2507 0 1915 2436	0.0 0.0 0.0 8.8 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4	-16.9 -16.9 -45.1 8.8 -37.7 -43.4
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 D/C D/C	0 452 0 0	1001 NER-NR 2507 0 1915 2436 1345	0.0 0.0 0.0 8.8 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0	-16.9 -16.9 -45.1 8.8 -37.7 -43.4 -24.0
33 Import/E 34 35 36 37 38 39 40 41	Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI	D/C D/C D/C D/C D/C D/C S/C S/C	0 452 0 0 0 0 0 468	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2	-16.9 -16.9 -45.1 8.8 -37.7 -43.4 -24.0 -35.0 9.5 -27.2
33 Import/F 34 35 36 37 38 39 40 41 42	Export of HVDC	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	D/C D/C D/C D/C D/C D/C D/C S/C S/C D/C	0 452 0 0 0 0 0 468 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2	-16.9 -16.9 -45.1 8.8 -37.7 -43.4 -24.0 -35.0 9.5 -27.2 8.2
33 Import/F 34 35 36 37 38 39 40 41 42 43	Export of HVDC	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	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	0 452 0 0 0 0 468 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 0.0 27.2 8.2 1.0	-16.9 -16.9 -45.1 8.8 8.8 -37.7 -43.4 -24.0 -35.0 9.5 -27.2 8.2 -0.9
33 Import/F 34 35 36 37 38 39 40 41 42 43 44	Export of HVDC	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	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	0 452 0 0 0 0 0 468 0 0 0 36 134	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5	-16.9 -16.9 -16.9 -45.1 -45.1 -45.1 -43.4 -24.0 -35.0 -27.2 -27.2 -2.5 -0.9 -2.5
33 Import/F 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 D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C S/C	0 452 0 0 0 0 0 468 0 0 0 36 134	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0	-16.9 -16.9 -45.1 8.8 -37.7 -43.4 -24.0 -35.0 9.5 -27.2 8.2 -0.9 -2.5 22.5
33 Import/F 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 D/C D/C S/C S/C S/C S/C S/C S/C D/C	0 452 0 0 0 0 468 0 0 0 36 134 969	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270 0 441	0.0 0.0 8.8 0.0 0.0 0.0 0.0 9.5 0.0 0.0 0.1 0.1 22.5	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3	-16.9 -16.9 -45.1 -45.1 -43.4 -24.0 -35.0 -27.2 -27.2 -0.9 -2.5 -22.5 -3
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47	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-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR	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	0 452 0 0 0 0 468 0 0 0 36 134 969 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270 0 441 84	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1	-16.9 -16.9 -16.9 -45.1 -45.1 -43.4 -24.0 -35.0 -9.5 -27.2 -8.2 -0.9 -2.5 -22.5 -3 -1.1
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	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 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	0 452 0 0 0 0 468 0 0 0 36 134 969 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1	-16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -9.5 -27.2 -0.9 -2.5 -22.5 -3 -1.1 -1.8
33 Import/F 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 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	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	0 452 0 0 0 0 468 0 0 0 36 134 969 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270 0 441 84	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1	-16.9 -16.9 -16.9 -45.1 -45.1 -43.4 -24.0 -35.0 -9.5 -27.2 -8.2 -0.9 -2.5 -22.5 -3 -1.1
33 Import/F 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 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	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	0 452 0 0 0 0 468 0 0 36 134 969 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1	-16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -9.5 -27.2 -0.9 -2.5 -22.5 -3 -1.1 -1.8 -1.1
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	HVDC Export of HVDC - 765 kV - 400 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	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	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -17.7 -18.2 -17.2 -18.2 -19.5 -27.2 -22.5 -3 -1.1 -1.8 -1.1 -1.8
33 Import/F 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	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	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	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0	0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -17.7 -17.0
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC	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-KANKROLI ZERDA-HINMAL V'CHAL-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	0 452 0 0 0 0 0 468 0 0 0 36 134 969 0 0 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270 0 441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8	-16.9 -16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -9.5 -27.2 -8.2 -0.9 -2.5 -22.5 -3 -1.1 -1.8 -1.1 -0.3 -0.0 -171.1
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52 53	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL V'CHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-WORAK 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 D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 452 0 0 0 0 0 468 0 0 0 36 134 969 0 0 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 0.0 229.8	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -17.1 -16.9 -16.9 -17.1 -16.9 -16.9 -17.1 -1.8 -1.8
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52	HVDC Export of HVDC 765 kV 400 kV 132kV Export of HVDC LINK	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 GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR	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	0 452 0 0 0 0 468 0 0 0 36 134 969 0 0 0 0 0 134 969 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 0.0 229.8	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -17.1 -1.8 -1.1 -1.8
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/F 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 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 WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD	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	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 4441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 0.0 229.8	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -17.1 -16.9 -17.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1 -1.8 -1.1
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/F 52 53 54 55 56	HVDC Export of HVDC 765 kV 400 kV 132kV Export of HVDC LINK	BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITTORGARI-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRUK-LSILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	D/C	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 0.0 229.8 1.3 0.0 0.0 13.9 0.0	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -171.1 -1.8 -1.8 -1.1 -1.8 -1.8
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/F 52 53 54 55 56 57	HVDC Export of HVDC 765 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-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI	D/C	0 452 0 0 0 0 468 0 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 0.0 229.8	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -171.1 -1.8 -1.8
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/F 52 53 54 55 56 57 58	HVDC Export of HVDC 765 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-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHASEURI-LSILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI	D/C	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 1199 270 0 4441 84 129 0 23 0 WR-NR 211 0 509 1455 0 0 52	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8 1.3 0.0 0.0 13.9 0.0 1.0	-16.9 -16.9 -16.9 -45.1 -45.1 -48.8 -37.7 -43.4 -24.0 -35.0 -35.0 -27.2 -2.5 -2.5 -3 -1.1 -1.8 -1.1 0.3 0.0 -171.1 -0.5 0.0 13.0 -13.9 16.0 0.0 -1.0
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/F 52 53 54 55 56 57	HVDC Export of HVDC 765 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-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI	D/C	0 452 0 0 0 0 468 0 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 WR-NR 23 0 WR-NR 211 0 509 1455 0 0 0 52 30	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8 1.3 0.0 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.9 -16.9 -16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -25.0 -27.2 -2.5 -3 -1.1 -1.8 -1.18 -1.18 -1.10 -0.5 -0.0 -13.0 -13.9 -16.0 -1.0 -1.0 -1.0 -1.6
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52 53 54 55 56 57 58	HVDC Export of HVDC 765 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-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI	D/C	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR 211 0 509 1455 0 0 0 52 30 WR-SR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8 1.3 0.0 0.0 13.9 0.0 1.0	-16.9 -16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -27.2 -2.5 -27.2 -0.9 -2.5 -22.5 -3 -1.1 -1.8 -1.18 -1.18 -1.10 -3 -0.0 -171.1 -0.5 -0.0 -13.0 -13.9 -16.0 -0.0 -1.0
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52 53 54 55 56 57 58 59	HVDC Export of HVDC 765 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-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-MORAK MEHGAON-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L-SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	D/C	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR 211 0 509 1455 0 0 0 52 30 WR-SR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8 1.3 0.0 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.0 -10.0 -10.0 -16.0 -16.0 -16.9 -16.9 -16.9 -16.9 -16.9 -16.9 -16.0
33 Import/F 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 Import/F 52 53 54 55 56 57 58	HVDC Export of HVDC 765 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-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI XELDEM-AMBEWADI	D/C	0 452 0 0 0 0 468 0 0 36 134 969 0 0 0 0 94 56 0 0	1001 NER-NR 2507 0 1915 2436 1345 999 0 1339 1193 199 270 0 441 84 129 0 23 0 WR-NR 211 0 509 1455 0 0 0 52 30 WR-SR	0.0 0.0 0.0 8.8 0.0 0.0 0.0 0.0 0.0 0.0	16.9 16.9 16.9 45.1 0.0 37.7 43.4 24.0 35.0 0.0 27.2 8.2 1.0 2.5 0.0 3 1.1 1.8 0.0 0.0 229.8 1.3 0.0 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-16.9 -16.9 -16.9 -45.1 -8.8 -37.7 -43.4 -24.0 -35.0 -9.5 -27.2 -0.9 -2.5 -22.5 -3 -1.1 -1.8 -1.1 0.3 0.0 -171.1 -0.5 0.0 13.0 -13.9 16.0 0.0 -1.0 0.6