

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, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 22nd Jan 2020

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. 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 21.01.2020.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-जनवरी-2020 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 21st Jan 2020, is available at the NLDC website.

धन्यवाद,

Report for previous day Date of Reporting 22-Jan-20

A. Power Supply Position at All India and Regional level

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	48291	48458	40218	18582	2435	157984
Peak Shortage (MW)	600	0	0	0	38	638
Energy Met (MU)	965	1151	1008	362	41	3527
Hydro Gen (MU)	129	47	84	36	6	301
Wind Gen (MU)	13	32	58			102
Solar Gen (MU)*	32.69	23.40	93.14	1.47	0.03	151
Energy Shortage (MU)	12.4	0.0	0.0	0.0	0.8	13.2
Maximum Demand Met during the day (MW) & time	49247	55575	47600	19000	2454	169468
(from NLDC SCADA)	09:45	10:34	07:55	18:10	17:54	09:28

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	0.035	0.00	0.31	3.78	4.10	69.86	26.04

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	5567	0	106.5	54.0	-1.4	64	0.0
	Haryana	6655	0	129.6	89.7	-0.2	199	0.0
	Rajasthan	13716	0	240.4	70.3	2.5	523	0.0
NR	Delhi	4442	0	75.9	60.1	-0.8	220	0.0
	UP	16275	0	283.7	118.5	-0.2	649	0.0
	Uttarakhand	2194	0	41.0	23.4	0.9	176	0.1
	HP	1746	0	32.8	24.4	1.0	212	0.2
	J&K(UT) and Ladakh(UT)	2645	661	51.3	45.2	0.9	321	12.2
	Chandigarh	266	0	4.3	4.4	0.0	23	0.0
	Chhattisgarh	3719	0	79.8	30.9	-1.3	211	0.0
	Gujarat	15547	0	327.1	88.2	1.3	702	0.0
	MP	13764	0	243.1	143.2	-2.7	532	0.0
WR	Maharashtra	22466	0	457.6	151.3	-1.4	599	0.0
WK	Goa	500	0	10.1	10.3	-0.3	48	0.0
	DD	331	0	7.3	7.0	0.3	36	0.0
	DNH	802	0	18.6	18.5	0.1	42	0.0
	Essar steel	380	0	7.3	7.2	0.1	265	0.0
	Andhra Pradesh	8987	0	180.6	66.4	0.1	428	0.0
	Telangana	11045	0	216.6	108.2	-0.1	519	0.0
SR	Karnataka	12176	0	233.8	56.9	-0.6	612	0.0
JK.	Kerala	3723	0	75.7	57.9	1.8	287	0.0
	Tamil Nadu	14256	0	294.0	151.9	0.2	439	0.0
	Pondy	352	0	6.9	7.2	-0.2	36	0.0
	Bihar	4556	0	79.0	77.4	0.1	300	0.0
	DVC	3115	0	64.7	-37.8	0.5	200	0.0
ER	Jharkhand	1323	0	26.2	17.1	0.5	100	0.0
LIX	Odisha	3670	0	68.4	5.0	0.3	300	0.0
	West Bengal	6717	0	122.3	24.4	1.7	350	0.0
	Sikkim	129	0	1.9	1.7	0.2	40	0.0
	Arunachal Pradesh	112	5	2.1	1.9	0.1	39	0.0
	Assam	1382	30	22.9	19.6	0.7	85	0.4
	Manipur	186	6	2,4	3.1	-0.7	24	0.0
NER	Meghalaya	376	1	6.5	5.5	0.1	97	0.3
	Mizoram	108	2	1.6	1.5	-0.4	26	0.0
	Nagaland	119	1	2.1	2.0	0.0	28	0.0
	Tripura	226	11	3.5	1.8	-0.5	24	0.0

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

	,		
	Bhutan	Nepal	Bangladesh
Actual(MU)	4.3	-10.3	-9.8
Day peak (MW)	564.4	-580.0	-748.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	226.4	-241.7	117.4	-107.8	5.4	-0.3
Actual(MU)	218.9	-249.8	122.8	-97.8	5.2	-0.7
O/D/U/D(MU)	-7.5	-8.1	5.4	10.0	-0.2	-0.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5316	13883	6722	1570	588	28079
State Sector	11365	17146	6990	4550	11	40062
Total	16681	31029	13712	6120	600	68141

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	482	1212	499	452	12	2656
Lignite	22	15	47	0	0	84
Hydro	129	47	84	36	6	301
Nuclear	25	25	40	0	0	89
Gas, Naptha & Diesel	32	43	17	0	22	114
RES (Wind, Solar, Biomass & Others)	75	63	195	2	0	334
Total	764	1403	882	489	40	3578
CI ADDICE COLO	0.04	4.44		0.04	0.0=	0.44

Share of RES in total generation (%)	9.81	4.46	22.14	0.31	0.07	9.34
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	29.89	9.58	36.18	7.58	14.05	20.25

H. All India Demand Diversity Factor

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Based on Regional Max Demands	1.026
Based on State Max Demands	1.083

Diversity factor = Sum of regional or state-wise maximum demands / All India maximum demand

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

1		IN	TER-REGI	ONAL EXCH	ANGES	Date of l	Reporting :	22-Jan-20
								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)
_		ER (With NR)						
5	HVDC	ALIPURDUAR-AGRA PUSAULI B/B	S/C	0	299	0.0	7.0	-7.0
1		GAYA-VARANASI	D/C	0	833	0.0	13.0	-13.0
2	765kV	SASARAM-FATEHPUR	S/C	27	348	0.0	4.1	-4.1
3		GAYA-BALIA	S/C	0	453	0.0	7.8	-7.8
6 7	-	PUSAULI-VARANASI PUSAULI -ALLAHABAD	S/C S/C	0	215 168	0.0	4.1 2.7	-4.1 -2.7
8		MUZAFFARPUR-GORAKHPUR	D/C	0	716	0.0	9.7	-9.7
9	400 kV	PATNA-BALIA	Q/C	0	807	0.0	14.9	-14.9
10		BIHARSHARIFF-BALIA	D/C	0	369	0.0	5.5	-5.5
11		MOTIHARI-GORAKHPUR	D/C	0	6	0.0	0.0	0.0
12	220 kV	BIHARSHARIFF-VARANASI PUSAULI-SAHUPURI	D/C S/C	62	325 156	0.0	3.2 1.9	-3.2 -1.9
14	220 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15	12217	GARWAH-RIHAND	S/C	30	0	0.8	0.0	0.8
16	132 kV	KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
Import/F	vneut -P	ED (With WP)			ER-NR	0.8	66.7	-66.0
_	export of	ER (With WR)	0.7	-0.0		40.4	0.5	10.0
18	765 kV	JHARSUGUDA-DHARAMJAIGARH	Q/C	600	0	18.2	0.0	18.2
19 20		NEW RANCHI-DHARAMJAIGARH	D/C D/C	582 70	262 241	2.2 0.0	0.0 2.5	2.2 -2.5
21	400	JHARSUGUDA-DURG JHARSUGUDA-RAIGARH	Q/C	239	220	0.0	0.0	0.3
22	400 kV	RANCHI-SIPAT	D/C	218	90	1.1	0.0	1.1
23	220 kV	BUDHIPADAR-RAIGARH	S/C	0	95	0.0	1.4	-1.4
24		BUDHIPADAR-KORBA	D/C	159	0 ER-WR	2.3	0.0	2.3
Import/E	Export of	ER (With SR)			ER-WK	24.1	3.9	20.2
26		JEYPORE-GAZUWAKA B/B	D/C	0.0	546.0	0.0	11.9	-11.9
27	HVDC	TALCHER-KOLAR BIPOLE	D/C	0.0	1982.0	0.0	40.5	-40.5
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	2362.0	0.0	46.5	-46.5
28	400 kV	TALCHER-I/C	D/C	895.0	788.0	1.5	0.0	1.5
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0 ER-SR	0.0	0.0 98.9	0.0 -98.9
Import/E	Export of	ER (With NER)			EK-5K	0.0	90.9	-98.9
30	Ĺ	BINAGURI-BONGAIGAON	D/C	158	176	1.4	0.0	1
31	400 kV	ALIPURDUAR-BONGAIGAON	D/C	276	222	2.7	0.0	3
32	220 kV	ALIPURDUAR-SALAKATI	D/C	45	60	0.2	0.0	0
			D/C					
Import/E	evnort of		D/C		ER-NER	4.3	0.0	4.3
		NER (With NR)	-	470			0.0	4.3
Import/E	Export of		-	470	0 NER-NR	10.8		
33	HVDC	NER (With NR)	- I	470	0	10.8	0.0	10.8
33 Import/E 34	HVDC Export of	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA	D/C	0	0 NER-NR	10.8 10.8	0.0 0.0 0.0	10.8 10.8 -43.8
33 Import/E 34 35	HVDC	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B	- D/C D/C	0 449	0 NER-NR 2354 103	10.8 10.8 0.0 10.2	0.0 0.0 0.0 43.8 0.4	4.3 10.8 10.8 -43.8 9.9
33 Import/E 34 35 36	HVDC Export of	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG	D/C D/C D/C	0 449 0	0 NER-NR 2354 103 1922	10.8 10.8 0.0 10.2 0.0	0.0 0.0 0.0 43.8 0.4 37.7	4.3 10.8 10.8 -43.8 9.9 -37.7
33 Import/E 34 35	HVDC Export of	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B	- D/C D/C	0 449	0 NER-NR 2354 103	10.8 10.8 0.0 10.2	0.0 0.0 0.0 43.8 0.4	4.3 10.8 10.8 -43.8 9.9
33 Import/E 34 35 36 37	Export of HVDC	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA	D/C D/C D/C D/C	0 449 0 0	0 NER-NR 2354 103 1922 2680	10.8 10.8 0.0 10.2 0.0 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6
33 Import/E 34 35 36 37 38 39 40	HVDC Export of	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI	D/C D/C D/C D/C D/C D/C D/C S/C	0 449 0 0 0 0 0	0 NER-NR 2354 103 1922 2680 1510 909 0	10.8 10.8 10.2 0.0 0.0 0.0 0.0 0.0 10.7	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7
33 Import/E 34 35 36 37 38 39 40 41	Export of HVDC	NER (With NR) 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 D/C D/C S/C S/C	0 449 0 0 0 0 0 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398	10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0
33 Import/E 34 35 36 37 38 39 40 41 42	Export of HVDC	NER (With NR) 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 D/C D/C S/C S/C D/C	0 449 0 0 0 0 0 0 682 0 380	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897	10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1
33 Import/E 34 35 36 37 38 39 40 41 42 43	HVDC Export of HVDC - 765 kV	NER (With NR) 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 D/C D/C D/C S/C S/C S/C S/C	0 449 0 0 0 0 0 0 682 0 380	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157	10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3
33 Import/E 34 35 36 37 38 39 40 41 42	Export of HVDC	NER (With NR) 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 D/C D/C S/C S/C D/C	0 449 0 0 0 0 0 0 682 0 380	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897	10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1
33 Import/E 34 35 36 37 38 39 40 41 42 43 44	HVDC Export of HVDC - 765 kV	NER (With NR) 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	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	0 449 0 0 0 0 0 682 0 380 168 249	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467	10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45	HVDC Export of HVDC - 765 kV	NER (With NR) 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	0 449 0 0 0 0 682 0 380 168 249 984 181 30	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103	10.8 10.8 10.8 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 10.7 0.0 0.0 10.7 0.0 0.0 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.0	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.5	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	HVDC Export of HVDC - 765 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APLMHG 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	0 449 0 0 0 0 682 0 380 168 249 984 181 30	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115	10.8 10.8 10.8 0.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.5 1.3	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3
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	NER (With NR) 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 S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0	10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2 0.5 1.3 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8
33 Import/E 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	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-BHISMAL VCHAL -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	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28	10.8 10.8 10.8 0.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 0.5 1.3 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1
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	NER (With NR) 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 S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0	10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2 0.5 1.3 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8
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	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-BHISMAL VCHAL -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	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28	10.8 10.8 10.8 0.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 0.5 1.3 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 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	HVDC Export of HVDC 765 kV 400 kV 220 kV 132kV	NER (With NR) 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	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28	10.8 10.8 10.8 0.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0	0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 0.5 1.3 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 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	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV	NER (With NR) 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 D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2 0.5 1.3 0.0 0.1 0.0 213.3	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
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	NER (With NR) 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 MALANPUR-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 D/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.3 10.8 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
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 Export of HVDC 765 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-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 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	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.1 0.0 2.1 0.0 2.1 0.0 2.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	4.3 10.8 10.8 43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
33 Import/E 34 35 36 37 38 39 40 41 42 43 44 45 50 51 Import/E 52 53 54 55 56	HVDC Export of HVDC - 765 kV - 400 kV - 220 kV - 132kV Export of HVDC	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BHASWATI S/BARSWATAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	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 S/C S/C S	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 0.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 0.5 1.3 0.0 0.1 0.0 213.3	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
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 Export of HVDC 765 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-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 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	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.1 0.0 2.1 0.0 2.1 0.0 2.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	4.3 10.8 10.8 43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
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 Export of HVDC - 765 kV 400 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA - BHINMAL VCHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WANDAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B'B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI KOLHAPUR-CHIKODI	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	0 449 0 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.0 0.0 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6
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 Export of HVDC - 765 kV 400 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITTORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA - BHINMAL VCHAL - RIHAND RAPP-SHUJALPUR BHANPURA-RANPUR BHANPURA-RANPUR BHANPURA-WALIANIANA 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 D/C D/C D/C D/C D/C D/C D/C S/C S/C	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR	10.8 10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 0.5 1.3 0.0 0.1 0.0 213.3 13.0 0.0 24.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.3 10.8 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6 -13.0 0.0 -23.4 -39.8 9.7 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 Export of HVDC - 765 kV 400 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-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-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	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	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR 613 0 2009 2351 0 0 0 89 WR-SR	10.8 10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6 0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 2.13.3 13.0 0.0 24.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.3 10.8 10.8 -43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6 -13.0 0.0 -23.4 -39.8 9.7 0.0 0.0 1.6
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 Export of HVDC - 765 kV 400 kV	NER (With NR) BISWANATH CHARIALI-AGRA WR (With NR) CHAMPA-KURUKSHETRA VCHAL B'B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-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-NIZAMBAD KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	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	0 449 0 0 0 0 682 0 380 168 249 984 181 30 15 89 44 0	0 NER-NR 2354 103 1922 2680 1510 909 0 1398 897 157 467 0 335 103 115 0 28 0 WR-NR 613 0 2009 2351 0 0 0 89 WR-SR	10.8 10.8 10.8 10.8 10.8 10.0 10.2 0.0 0.0 0.0 0.0 10.7 0.0 0.0 0.3 0.0 22.5 1 0.2 0.0 0.8 0.2 0.0 45.6 0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.6	0.0 0.0 0.0 0.0 43.8 0.4 37.7 44.6 20.6 27.8 0.0 28.0 4.1 0.0 2.4 0.0 2.4 0.0 2.13.3 13.0 0.0 24.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.3 10.8 10.8 43.8 9.9 -37.7 -44.6 -20.6 -27.8 10.7 -28.0 -4.1 0.3 -2.4 22.5 -1 -0.3 -1.3 0.8 0.1 0.0 -167.6 -13.0 0.0 -23.4 -39.8 9.7 0.0 0.0 1.6