

# 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

, २०१०८ (१४२), २०१४ व्यापन विशेषा असम्बर्ध स्थापन विशेषा । बी-९, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 16<sup>th</sup> May 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 15.05.2019.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-मई-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 15<sup>th</sup> May 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-May-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)	52145	49582	41474	19421	2374	164996
Peak Shortage (MW)	605	0	65	0	109	779
Energy Met (MU)	1152	1217	1026	441	42	3877
Hydro Gen (MU)	252	47	79	59	16	454
Wind Gen (MU)	24	89	85			198
Solar Gen (MU)*	24.82	25.3	81.70	2.15	0.04	134
Energy Shortage (MU)	10.8	0.0	0.6	0.0	2.5	13.9
Maximum Demand Met during the day	54306	54487	45156	21132	2375	171476
(MW) & time (from NLDC SCADA)	00:00	15:27	14:39	22:59	18:44	00:00

B. Frequency Profile (%	<b>%</b> )						
Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.047	0.00	0.97	10.07	11.04	75.05	13.91

C. Power Supply Position in State

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	7082	0	153.8	79.2	-3.0	89	0.0
NR	Haryana	7626	0	150.7	114.1	-0.5	277	0.0
	Rajasthan	10399	0	221.5	65.1	-1.9	542	0.0
	Delhi	5172	0	102.7	90.8	-1.0	145	0.0
	UP	19467	0	401.4	176.1	-1.0	417	0.0
	Uttarakhand	1999	0	41.7	19.3	-0.6	249	0.0
	HP	1445	0	29.6	8.6	1.6	151	0.0
	J&K	2419	605	45.9	25.7	-0.8	266	10.8
	Chandigarh	243	0	4.8	5.8	-1.0	0	0.0
	Chhattisgarh	4043	0	87.4	52.5	-7.4	344	0.0
	Gujarat	16956	0	376.5	91.7	6.1	846	0.0
	MP	9263	0	213.9	106.8	0.0	415	0.0
WR	Maharashtra	22289	0	497.9	133.4	-0.6	441	0.0
WK	Goa	541	0	11.5	11.4	-0.5	56	0.0
	DD	330	0	7.4	7.1	0.3	36	0.0
	DNH	772	0	18.1	18.2	-0.1	56	0.0
	Essar steel	238	0	4.2	5.7	-1.5	154	0.0
	Andhra Pradesh	9351	0	196.7	48.0	0.0	583	0.0
	Telangana	7885	0	170.1	46.0	0.1	597	0.0
SR	Karnataka	11276	0	225.7	57.4	-0.1	715	0.0
3N	Kerala	3965	0	84.6	56.7	1.6	217	0.6
	Tamil Nadu	15307	0	339.4	156.0	1.0	705	0.0
	Pondy	442	0	9.4	9.1	0.3	88	0.0
	Bihar	5069	0	100.2	97.9	-0.2	50	0.0
	DVC	2957	0	66.5	-48.3	-0.2	150	0.0
ER	Jharkhand	1230	0	25.5	16.6	-1.0	120	0.0
LIV	Odisha	3619	0	81.0	24.0	-0.7	200	0.0
	West Bengal	8798	0	166.7	55.0	0.6	300	0.0
	Sikkim	97	0	1.1	1.4	-0.3	25	0.0
	Arunachal Pradesh	114	2	2.1	2.6	-0.5	11	0.0
	Assam	1471	28	23.8	19.3	0.7	119	2.0
	Manipur	175	1	2.4	2.2	0.2	28	0.0
NER	Meghalaya	310	4	5.1	2.7	0.3	76	0.4
	Mizoram	95	2	1.7	1.5	0.2	15	0.0
	Nagaland	126	3	2,2	1.9	0.2	17	0.0
	Tripura	217	12	4.2	4.2	0.0	56	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.3	-9.5	-26.5
Day peak (MW)	545.1	-582.1	-1127.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	220.0	-261.8	107.8	-54.8	-10.8	0.3
Actual(MU)	202.0	-270.3	135.1	-58.9	-12.2	-4.2
O/D/U/D(MU)	-17.9	-8.4	27.3	-4.1	-1.4	-4.6

#### F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4407	13919	9352	1350	35	29064
State Sector	10070	13545	3520	3405	50	30590
Total	14477	27464	12872	4755	85	59653

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Coal	560	1243	533	470	14	2821
Lignite	21	15	46	0	0	82
Hydro	252	48	79	59	16	454
Nuclear	28	31	33	0	0	92
Gas, Naptha & Diesel	30	48	14	0	30	122
RES (Wind, Solar, Biomass & Others)	71	121	199	2	0	393
Total	963	1505	905	532	59	3964

Share of RES in total generation (%)	7.34	8.04	22.03	0.41	0.07	9.93
Share of Non-fossil fuel (Hydro, Nuclear and	36.42	13.26	34.37	11.58	26.97	23,68
RES) in total generation (%)	30.42	13.20	34.37	11.50	20.77	23.00

H. Diversity Factor
All India Demand Diversity Factor
1.035
Diversity factor = Sum of regional maximum demands / All India maximum demand

 $<sup>\</sup>textbf{*\underline{Source}:} \ RLDCs \ for \ solar \ connected \ to \ ISTS; \ SLDCs \ for \ embedded \ solar. \ Limited \ visibility \ of \ embedded \ solar \ data.$ 

		INT	ER-REGI	ONAL EXCH	ANGES	Date of l	Reporting :	16-May-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	765kV	GAYA-VARANASI	D/C	210	176	0.0	0.2	-0.2 0.1
3	705KV	SASARAM-FATEHPUR GAYA-BALIA	S/C S/C	108	175 217	0.0	3.4	-3.4
4	HVDC	ALIPURDUAR-AGRA	-	0	900	0.0	21.0	-21.0
5	HVDC	PUSAULI B/B	S/C	0	49	0.0	1.3	-1.3
6		PUSAULI-VARANASI	S/C	0	102	0.0	1.8	-1.8
7		PUSAULI -ALLAHABAD	S/C	43 26	15 703	0.7	0.0	0.7
9	400 kV	MUZAFFARPUR-GORAKHPUR PATNA-BALIA	D/C Q/C	0	649	0.0	6.4	-6.4 -11.1
10	400 K V	BIHARSHARIFF-BALIA	D/C	0	311	0.0	5.2	-5.2
11		MOTIHARI-GORAKHPUR	D/C	0	389	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	171	200	0.0	0.2	-0.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	205	0.0	4.3	-4.3
14		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15	132 kV	GARWAH-RIHAND	S/C	30	0	0.3	0.0	0.3
16	132 K	KARMANASA-SAHUPURI	S/C	0	137	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
Y 4/75		ED (WAL WD)			ER-NR	1.1	60.7	-59.7
	xport of	ER (With WR)	1 1		1			<u> </u>
18		JHARSUGUDA-DHARAMJAIGARH S/C	D/C	1616	0	28.7	0.0	28.7
19	765 kV	NEW RANCHI-DHARAMJAIGARH	D/C	781	0	10.2	0.0	10.2
20		JHARSUGUDA DAIGABH	D/C	151	25	1.5 0.9	0.0	1.5 0.9
21	400 kV	JHARSUGUDA-RAIGARH RANCHI-SIPAT	Q/C D/C	267 281	119 0	3.4	0.0	0.9 3.4
23		BUDHIPADAR-RAIGARH	S/C	0	92	0.0	1.2	-1.2
24	220 kV	BUDHIPADAR-KORBA	D/C	127	0	0.9	0.0	0.9
			1		ER-WR	45.5	1.2	44.3
Import/E	export of	ER (With SR)						
25	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1878.0	0.0	35.0	-35.0
26	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	574.0	0.0	13.4	-13.4
27	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1976.0	0.0	40.3	-40.3
28	400 kV	TALCHER-I/C	D/C	87.0	453.0	0.0	2.3	-2.3
29	220 kV	BALIMELA-UPPER-SILERRU	S/C	1.0	0.0 ER-SR	0.0	0.0	0.0
Import/F	xport of	ER (With NER)			ER-SK	0.0	88.7	-88.7
30	Ţ,	BINAGURI-BONGAIGAON	D/C	75	395	0.0	3.1	-3
31	400 kV	ALIPURDUAR-BONGAIGAON	D/C	570	0	8.1	0.0	8
32	220 kV	ALIPURDUAR-SALAKATI	D/C	70	52	0.4	0.0	0
					ER-NER	8.4	3.1	5.4
	export of	NER (With NR)	1 1					
33				0	300	0.0		-7.3
	HVDC	BISWANATH CHARIALI-AGRA	-				7.3	
	I		-		NER-NR	0.0	7.3 7.3	-7.3
Import/E	I	WR (With NR)	- D/C	0	NER-NR		7.3	
Import/E	export of	WR (With NR) CHAMPA-KURUKSHETRA	D/C	0 244	NER-NR 2005	0.0	7.3 38.4	-38.4
Import/E	export of	WR (With NR)	D/C D/C D/C	0 244 0	NER-NR		7.3	
34 35	export of	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B	D/C	244	2005 3	0.0 4.1	7.3 38.4 0.0	-38.4 4.1
34 35 36	export of	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG	D/C D/C	244 0	NER-NR  2005 3 1730	0.0 4.1 0.0	7.3 38.4 0.0 40.1	-38.4 4.1 -40.1
34 35 36 37	Export of HVDC	WR (With NR)  CHAMPA-KURUKSHETRA  V'CHAL B/B  APL -MHG  GWALIOR-AGRA	D/C D/C D/C	244 0 0	2005 3 1730 2106	0.0 4.1 0.0 0.0	7.3 38.4 0.0 40.1 34.9	-38.4 4.1 -40.1 -34.9
34 35 36 37 38 39 40	export of	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL -MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI	D/C D/C D/C D/C D/C S/C	244 0 0 0 0 0 0 439	2005 3 1730 2106 1038	0.0 4.1 0.0 0.0 0.0 0.0 0.0 6.0	7.3 38.4 0.0 40.1 34.9 16.3	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0
Import/E 34 35 36 37 38 39 40 41	Export of HVDC	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	244 0 0 0 0 0 0 439	NER-NR  2005 3 1730 2106 1038 660 0 1329	0.0 4.1 0.0 0.0 0.0 0.0 0.0 6.0	7.3 38.4 0.0 40.1 34.9 16.3 28.4 0.0 11.4	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4
34 35 36 37 38 39 40 41	Export of HVDC	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA	D/C D/C D/C D/C D/C S/C S/C D/C	244 0 0 0 0 0 439 0 158	2005 3 1730 2106 1038 660 0 1329 481	0.0 4.1 0.0 0.0 0.0 0.0 0.0 6.0 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1
34 35 36 37 38 39 40 41 42 43	Export of HVDC	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL -MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C	244 0 0 0 0 0 439 0 158 185	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59	0.0 4.1 0.0 0.0 0.0 0.0 0.0 6.0 0.0 0.0	7.3 38.4 0.0 40.1 34.9 16.3 28.4 0.0 11.4 8.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9
34 35 36 37 38 39 40 41 42 43	Export of HVDC	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL -MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C	244 0 0 0 0 0 439 0 158 185 82	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124	0.0 4.1 0.0 0.0 0.0 0.0 6.0 0.0 0.0 1.9	7.3 38.4 0.0 40.1 34.9 16.3 28.4 0.0 11.4 8.1 0.0 0.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9
34 35 36 37 38 39 40 41 42 43 44	HVDC - 765 kV	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL-MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL  VCHAL -RIHAND	D/C D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C S/C	244 0 0 0 0 0 439 0 158 185 82 978	NER-NR  2005 3 1730 2106 1038 660 0 13329 481 59 124 0	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9	7.3 38.4 0.0 40.1 34.9 16.3 28.4 0.0 11.4 8.1 0.0 0.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 -0.1 -0.1 -0.1
34 35 36 37 38 39 40 41 42 43 44 45	HVDC - 765 kV	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL -MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL  VCHAL -RIHAND  RAPP-SHUJALPUR	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C D/C S/C S/C D/C S/C S/C D/C S/C S/C S/C S/C	244 0 0 0 0 0 439 0 158 185 82 978 199	NER-NR  2005 3 1730 2106 1038 660 0 13329 481 59 124 0 149	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 -0.1 -0.1 -0.1 -0.1
34 35 36 37 38 39 40 41 42 43 44 45 46 47	Export of HVDC 765 kV 400 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RIHAND RAPP-SHUJALPUR BHANPURA-KOTA	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	244 0 0 0 0 0 439 0 158 185 82 978 199 38	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41	0.0 4.1 0.0 0.0 0.0 6.0 0.0 0.0 1.9 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0  0.5	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1
34 35 36 37 38 39 40 41 42 43 44 45	HVDC - 765 kV	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL -MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL  VCHAL -RIHAND  RAPP-SHUJALPUR	D/C D/C D/C D/C D/C S/C S/C S/C S/C S/C D/C S/C S/C D/C S/C S/C D/C S/C S/C S/C S/C	244 0 0 0 0 0 439 0 158 185 82 978 199	NER-NR  2005 3 1730 2106 1038 660 0 13329 481 59 124 0 149	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 -0.1 -0.1 -0.1 -0.1
34 35 36 37 38 39 40 41 42 43 44 45 46 47	Export of HVDC 765 kV 400 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL VCHAL -RHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK	D/C D/C D/C D/C D/C D/C S/C S/C S/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81	0.0 4.1 0.0 0.0 0.0 6.0 0.0 0.0 1.9 0.0 0.0 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  1.4  0.1  0.1  0.1  0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -14.4 0 -0.4 -1.4
34 35 36 37 38 39 40 41 42 43 44 45 46 47	Export of HVDC 765 kV 400 kV	WR (With NR) CHAMPA-KURUKSHETRA V'CHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA -BHINMAL V'CHAL -RIHAND RAPP-SHUJALPUR BHANPURA-KOTA 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	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36	0.0 4.1 0.0 0.0 0.0 0.0 6.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0  0.5  1.4  0.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.4 -0.4 -1.4 0.3
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	220 kV	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL -MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL  VCHAL -RIHAND  RAPP-SHUJALPUR  BHANPURA-KOTA  BHANPURA-MORAK  MEHGAON-AURAIYA  MALANPUR-AURAIYA  GWALIOR-SAWAI MADHOPUR	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	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0  0.5  1.4  0.1  0.4	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 14.4 0 -0.4 -1.4 0.3 -0.4
Import/E  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  Import/E	xport of HVDC  765 kV  400 kV  220 kV  132kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA 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 S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49 19	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0.5  1.4  0.1  0.4  0.1  0.4  0.1  0.1  0.1	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 14.4 0 -0.4 -1.4 0.3 -0.4 0.0 -136.7
Import/E  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  Import/E  52	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA 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 S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 439 0 158 185 82 978 199 38 0 49 19	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0  1.4  0.1  0.4  0.1  0.4  0.1  14.4	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -14.4 0 -0.4 -1.4 0.3 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1
Import/E  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  Import/E  52  53	xport of HVDC  765 kV  400 kV  220 kV  132kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-LISILERU	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	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49 19 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0  1.4  0.1  0.4  0.0  180.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -0.4 -0.4 -1.4 0.3 -0.4 -1.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-JURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-LSILERU 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	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49 19 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 0.4 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  0.5  1.4  0.1  0.4  0.0  180.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -14.4 0.3 -0.4 -1.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR)  CHAMPA-KURUKSHETRA  V'CHAL B/B  APL-MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  GWALIOR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA -BHINMAL  V'CHAL -RIHAND  RAPP-SHUALPUR  BHANPURA-KOTA  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	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 49 19 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0.0 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0  0.5  1.4  0.1  0.4  0.0  180.0  14.4  0.0  36.1  35.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.4 -1.4 0.3 -0.4 0.10 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-LSILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	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 D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 0 0 0 0 0 0 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  0.1  0.0  0.5  1.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 14.4 0.3 -0.4 -1.4 0.3 -0.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR)  CHAMPA-KURUKSHETRA  VCHAL B/B  APL-MHG  GWALIOR-AGRA  PHAGI-GWALIOR  JABALPUR-ORAI  SATNA-ORAI  CHITORGARH-BANASKANTHA  ZERDA-KANKROLI  ZERDA-BHINMAL  VCHAL-RIHAND  RAPP-SHUJALPUR  BHANPURA-KOTA  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-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 D/C S/C S/C S/C D/C S/C S/C S/C S/C D/C S/C S/C S/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 338	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  0.1  0.0  0.1  0.0  1.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0  0.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 14.4 0.3 -0.4 -1.4 0.3 -0.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-LSILERU SOLAPUR-RAICHUR WARDHA-NIZAMABAD KOLHAPUR-KUDGI	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 D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 0 0 0 0 0 0 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 14.4 0 0.0 0.0 27.1	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  0.1  0.0  0.5  1.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0	-38.4 4.1 -40.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 14.4 0.3 -0.4 -1.4 0.3 -0.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHARSWATI B/B BARSUR-L.SILERU SOLAPUR-AICHUR WARDHA-NIZAMABAD KOLHAPUR-CHIKODI FONDA-AMBEWADI	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 D/C S/C S/C D/C S/C S/C D/C S/C S/C S/C S/C S/C S/C S/C S/C S/C S	244 0 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 1 0 0 0 1 1 0 0 1 1 0 1 1 0 1	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.5  1.4  0.1  0.4  0.1  0.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0  0.0  0.0	-38.4 4.1 4.0.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -0.4 -1.4 0.3 -0.4 -0.4 -1.4 -1.4 -0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	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	244 0 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  1.4  0.1  0.4  0.1  0.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0  0.0  0.0  0.0	-38.4 4.1 4.0.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -0.4 -1.4 0.3 -0.4 -0.4 -1.4 -1.4 -35.0 -35.0 -1.9 -0.0 -0.0 -1.0
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-MORAK 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 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	244 0 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 1 0 0 0 1 1 0 0 1 1 0 1 1 0 1	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  1.4  0.1  0.4  0.1  0.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0  0.0  0.0  0.0	-38.4 4.1 4.0.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.4 -0.4 -1.4 0.3 -0.4 -1.4 0.0 -136.7
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	xport of HVDC  765 kV  400 kV  220 kV  132kV  xport of HVDC LINK  765 kV	WR (With NR) CHAMPA-KURUKSHETRA VCHAL B/B APL-MHG GWALIOR-AGRA PHAGI-GWALIOR JABALPUR-ORAI GWALIOR-ORAI SATNA-ORAI CHITORGARH-BANASKANTHA ZERDA-KANKROLI ZERDA-BHINMAL VCHAL-RIHAND RAPP-SHUJALPUR BHANPURA-KOTA BHANPURA-WORAK MEHGAON-AURAIYA MALANPUR-AURAIYA GWALIOR-SAWAI MADHOPUR WR (With SR) BHADRAWATI B/B BARSUR-L.SILERU SOLAPUR-RAICHUR WARDHA-NIZAMBAD KOLHAPUR-RUDGI KOLHAPUR-CHIKODI PONDA-AMBEWADI XELDEM-AMBEWADI	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	244 0 0 0 0 0 0 439 0 158 185 82 978 199 38 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0	NER-NR  2005 3 1730 2106 1038 660 0 1329 481 59 124 0 149 41 81 36 50 0 WR-NR	0.0 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7.3  38.4  0.0  40.1  34.9  16.3  28.4  0.0  11.4  8.1  0.0  0.1  0.0  1.4  0.1  0.4  0.1  0.4  0.0  180.0  14.4  0.0  36.1  35.0  0.0  0.0  0.0  0.0	-38.4 4.1 4.0.1 -34.9 -16.3 -28.4 6.0 -11.4 8.1 1.9 -0.1 -0.4 -1.4 0.3 -0.4 -0.4 -1.4 -1.4 -35.0 -35.0 -1.9 -0.0 -0.0 -1.0