

RFC 8 (North Sea - Baltic) - Description of infrastructure parameters (foreseen for 2015 - RFC 8 is going live)

Final routing including all the additions and extension lines (without expected lines)

Last update: 10/07/2015

Country	Line section (1435mm)	Length of section (km)	Type of line	Type of network	Number of tracks	Traction	Type of current	Max train length *		Max axle load		Max meter load (tons)		Max line speed		Profile (P/C)	Profile ** (GA-GC)	Gradient		ETCS	Control and command system	Telecommunication system
								Even direction	Odd direction	Even direction	Odd direction	Even direction	Odd direction	Even direction	Odd direction			Even direction	Odd direction			
NL	Maasvlakte - Zevenaar grens	13,8	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Maasvlakte - Europort	10,6	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Europort - Botlek	4,7	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Botlek - Pernis	5,3	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Pernis - Waalhaven Zuid	5,3	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Waalhaven Zuid - Barendrecht Vork	2,9	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Barendrecht Vork - Barendrecht aansluiting	5,3	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L1 - 2.3.0d	GSM-R
NL	Barendrecht aansluiting - Kijfhoek aansluiting Zuid	48	principal	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8*	8*	100*	100*	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	Yes	ATBEG + L1 - 2.3.0d	GSM-R
NL	Kijfhoek aansluiting Zuid - Meteren West	1	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5*	22,5*	8*	8*	100*	100*	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L2 - 2.3.0d	GSM-R
NL	Meteren West - Meteren	49	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5*	22,5*	8*	8*	100*	100*	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L2 - 2.3.0d	GSM-R
NL	Meteren - Valburg	1	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5*	22,5*	8*	8*	100*	100*	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L2 - 2.3.0d	GSM-R
NL	Valburg - Zevenaar Oost	21	principal	Core	2	E	AC 25kV-50Hz	740	740	22,5*	22,5*	8*	8*	100*	100*	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	L2 - 2.3.0d	GSM-R
NL	Zevenaar Oost - Zevenaar grens	3	principal	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	Yes	L2 - 2.3.0d	GSM-R
NL	Kijfhoek - Weesp	3,2	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Barendrecht Aansluiting - Rotterdam Lombardijen	0,7	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Barendrecht Vork - Rotterdam Lombardijen	5,5	diversionary	Core	4	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Rotterdam Lombardijen - Rotterdam Centraal	24	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Rotterdam Centraal - Gouda	16	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Woerden - Harmelen	8	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Harmelen - Breukelen	8	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Breukelen - Amsterdam Bijlmer	18	diversionary	Core	4	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	ATBEG + L2 - 2.3.0d	GSM-R
NL	Amsterdam Bijlmer - Gaasperdammerweg	4	diversionary	Off TEN-T	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Beverwijk - Oldenzaal grens	11,5	connecting	Core	2	E	1,5 kV/DC	530	530	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Haarlem - Amsterdam Singelgracht aansluiting	17	connecting	Comprehensive	2	E	1,5 kV/DC	530	530	22,5	22,5	8	8	80	80	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Amsterdam Singelgracht aansluiting - Gaasperdammerweg	9	connecting	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Gaasperdammerweg - Weesp	4	diversionary	Comprehensive	4	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Weesp - Hilversum	16	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Hilversum - Amersfoort	15	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Amersfoort - Deventer	58	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Deventer - Hengelo	27	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Hengelo - Oldenzaal grens	18	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATBEG	GSM-R
NL	Amsterdam - Meteren	12	principal	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Amsterdam Singelgracht aansluiting - Amsterdam Bijlmer	17	principal	Core	4	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	ATBEG + L2 - 2.3.0d	GSM-R
NL	Amsterdam Bijlmer - Breukelen	12	principal	Core	4	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	GC	G<=12,5	G<=12,5	Yes	ATBEG + L2 - 2.3.0d	GSM-R
NL	Breukelen - Utrecht	27	principal	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Utrecht - Meteren Noord	2	principal	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Meteren Noord - Meteren	20	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Rosendaal grens - % Hertenbosch	8,5	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	Memor/Krakodil	GSM-R
NL	Rosendaal - Breda	22,5	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Breda - Tilburg	21	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Tilburg - % Hertenbosch	22,5	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	% Hertenbosch - Amersfoort	2	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	% Hertenbosch - Meteren Zuid	2	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Meteren Zuid - Meteren	2	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Meteren Zuid - Meteren Noord	2	diversionary	Comprehensive	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
NL	Utrecht - Amersfoort	2	diversionary	Core	2	E	1,5 kV/DC	740	740	22,5	22,5	8	8	100	100	P/C 410 (P/C 80)	G2	G<=12,5	G<=12,5	No	ATB EG	GSM-R
* = Kijfhoek - Zevenaar Oost = D4 100 km/h. On special request E5 (infrastructure is build for E5 120km/h)																						
BE	Antwerpen Noord - Montzen Border	26	principal	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	120	120	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Lier - Aarschot	29	principal	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	140	140	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Aarschot - Hasselt	36	principal	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	140	140	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Hasselt - Montzen	64	principal	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	90	90	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Montzen - Montzen Border	7	principal	Core	2	E	1,5 kV AC	740*	740*	22,5	22,5	8	8	90	90	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Antwerpen Noord - Essen Border	21,3	diversionary	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	130	130	P/C 400 (P/C 70)	GB	G<=12,5%	V<=12,5%	No	TBL_Crocodile	GSM-R
BE	Antwerpen Noord - Essen Border	15,8	diversionary	Core	2	E	3 kV/DC	740*	740*	22,5	22,5	8	8	90	90	P/C 410 (P/C 80)	GC	G<=12,5%	G			

PL	Czachówek Wschodni - Jazwiny (Piława)	29,278	Principal	core	2	E	DC 3kV	750	750	216	216	71	71	50	40	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Piława - Poważe	58,403	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	50	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Poważe - Łuków	3,385	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	50	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Łuków - Biała Podlaska	52,415	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Biała Podlaska - Malaszewce	28,712	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Malaszewce - Terespol	7,705	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Terespol - Terespol (Border PL/BeLorussia)	2,377	Principal	core	2	E	DC 3kV	800	800	216	216	71	71	40	40	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Ełk - Trakiszki (Border PL/LT)</b>																					
PL	Ełk - Olecko	28,486	Principal	core	1	E	-	597	-	206	-	71	-	80	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Olecko - (Gw)	16,457	Principal	core	1	E	-	597	-	206	-	71	-	50	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	(Gw) - Papiernia	20,700	Principal	core	1	E	-	597	-	206	-	71	-	30	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Papiernia - Suwałki	5,745	Principal	core	1	E	-	725	-	205	-	71	-	60	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Suwałki - Trakiszki	25,690	Principal	core	1	E	-	725	-	205	-	71	-	60	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Trakiszki - Trakiszki (Border PL/LT)	3,432	Principal	core	1	E	-	725	-	205	-	71	-	60	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Poznań - Stary Staw</b>																					
PL	(Poznań Gł.) P. Starołęka Psk - Poznań Krzesiny	5,556	Diversiory	off-TEN-T	2	E	DC 3kV	650	650	206	206	71	71	60	30	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Poznań Krzesiny - Kórnik	8,622	Diversiory	off-TEN-T	2	E	DC 3kV	650	650	206	206	71	71	60	30	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Kórnik - Sołec Wilp.	32,884	Diversiory	off-TEN-T	2	E	DC 3kV	650	650	206	206	71	71	75	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Sołec Wilp. - Jarocin	16,586	Diversiory	off-TEN-T	2	E	DC 3kV	650	650	206	206	71	71	75	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Jarocin - Franklinów	26,747	Diversiory	off-TEN-T	2	E	DC 3kV	650	650	206	206	71	71	75	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Franklinów - Stary Staw	1,466	Diversiory	off-TEN-T	1	E	DC 3kV	650	-	206	-	71	-	40	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Rzepin - Skiermiewice</b>																					
PL	Rzepin - Jerzmanie Lubuskie	6,628	Diversiory	comprehensive	1	E	DC 3kV	630	-	206	-	71	-	50	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Jerzmanie Lubuskie - Czerwieńsk	50,018	Diversiory	comprehensive	2	E	DC 3kV	630	630	221	221	71	71	70	70	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Czerwieńsk - Głogów	67,45	Diversiory	comprehensive	2	E	DC 3kV	630	630	221	221	71	71	70	70	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Głogów - Leszno	46,782	Diversiory	off-TEN-T	2	D	-	620	620	196	196	71	71	30	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Leszno - Kąkolewo	11,874	Diversiory	off-TEN-T	2	D	-	625	625	196	196	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Kąkolewo - Osusz	56,262	Diversiory	off-TEN-T	2	D	-	625	625	196	196	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Osusz - Durzyn	5,289	Diversiory	off-TEN-T	2	D	-	625	625	196	196	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Durzyn - Ostów Wielkopolski	26,322	Diversiory	off-TEN-T	2	E	DC 3kV	625	625	206	206	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Ostów Wielkopolski - Gajewniki	96,279	Diversiory	core	2	E	DC 3kV	650	650	206	206	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Gajewniki - Retkonia	37,492	Diversiory	core	2	E	DC 3kV	600	600	206	206	71	71	50	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Retkonia - Łódź Kaliska Towarowa	1,752	Diversiory	core	2	E	DC 3kV	750	780	206	206	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Łódź Kaliska Towarowa - Łódź Chojny	5,161	Diversiory	core	2	E	DC 3kV	780	750	221	221	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Łódź Chojny - Łódź Olechów	7,979	Diversiory	core	2	E	DC 3kV	780	750	206	206	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Łódź Olechów - Galkówek	9,302	Diversiory	core	2	E	DC 3kV	780	780	206	206	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Galkówek - Kozłowski	7,203	Diversiory	core	2	E	DC 3kV	750	750	221	221	71	71	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Kozłowski - Skiermiewice	39,265	Diversiory	core	2	E	DC 3kV	750	750	221	221	78	78	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Łowicz - Warszawa - Łuków</b>																					
PL	Warszawa Główna Towarowa - Warszawa Gdańska	9,175	Diversiory	core	2	E	DC 3kV	800	800	216	216	71	71	50	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Gdańska - Warszawa Praga	3,963	Diversiory	core	2	E	DC 3kV	700	700	216	216	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Targówek - Warszawa Michałow	1,211	Diversiory	core	2	E	DC 3kV	800	800	221	221	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Michałow - Warszawa Wschodnia Tow.	1,559	Diversiory	core	2	E	DC 3kV	600	600	206	206	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Wschodnia Tow. - Warszawa Rembertów	9,923	Diversiory	core	1	E	DC 3kV	600	-	216	-	71	-	60	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Rembertów - Stojadła	27,262	Diversiory	core	2	E	DC 3kV	800	800	216	216	71	71	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Stojadła - Mińsk Mazowiecki	1,58	Diversiory	core	2	E	DC 3kV	800	800	221	221	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Mińsk Mazowiecki - Siedlce	52,099	Diversiory	core	2	E	DC 3kV	800	800	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Siedlce - Łuków	27,754	Diversiory	core	2	E	DC 3kV	800	800	221	221	71	71	120	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Skiermiewice - Warszawa Główna Towarowa</b>																					
PL	Skiermiewice - Pruszków	50,038	Diversiory	core	2	E	DC 3kV	750	750	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Pruszków - Józefinów Podg	3,435	Diversiory	core	2	E	DC 3kV	750	750	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Główna Towarowa - Józefinów	5,161	A	off-TEN-T	2	E	DC 3kV	750	750	221	221	71	71	60	60	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Warszawa Główna Towarowa - Warszawa Główna Towarowa	1,094	A	off-TEN-T	2	E	DC 3kV	700	700	206	206	71	71	40	40	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Białystok - Sokółka</b>																					
PL	Białystok - Sokółka	41,222	A	comprehensive	1	E	DC 3kV	745	-	205	-	71	-	70	-	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Białystok - Elk</b>																					
PL	Poznań Franowo - Kobylnica	7,901	Diversiory	comprehensive	2	E	DC 3kV	650	650	216	216	71	71	50	50	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Kobylnica - Mogilno	63,91	Diversiory	comprehensive	2	E	DC 3kV	650	650	221	221	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Mogilno - Gniewkowo	35,39	Diversiory	comprehensive	2	E	DC 3kV	700	700	206	206	71	71	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Gniewkowo - Toruń Wschód	15,2	Diversiory	comprehensive	2	E	DC 3kV	750	750	206	206	71	71	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Toruń Wschód - Karsze	35,3	Diversiory	comprehensive	2	E	DC 3kV	600	600	196	196	71	71	100	100	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Elk - Karsze	98,808	Diversiory	comprehensive	2	D	-	600	600	196	196	71	71	80	80	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Wrocław Brochów - Wrocław Główny</b>																					
PL	Wrocław Brochów - Wrocław Główny	2,43	A	core	2	E	DC 3kV	600	600	211	200	71	71	20	20	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	<b>Biaława Dolna (Border D/PL) - Jaworzno Szczakowa</b>																					
PL	Biaława Dolna (Border D/PL) - Węglaniec	12,902	Principal	core	2	E	DC 3kV	750	750	200	200	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Węglaniec - Miłkowice	62,099	Principal	core	2	E	DC 3kV	750	750	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Miłowice - Legnica	9,459	Principal	core	2	E	DC 3kV	750	750	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Legnica - WROCLAW NOWY DWÓR	58,215	Principal	core	2	E	DC 3kV	750	750	221	221	71	71	120	120	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Wrocław Nowy Dwór - Wrocław Muchobór	1,858	Principal	core	2	E	DC 3kV	750	750	221	221	71	71	70	70	0	G2 res.	G<=12.5%	G<=12.5%	No	SHP	RST
PL	Wrocław Muchobór - Wrocław Stadion	3,357	Principal	core	2	E	DC 3kV	630	630	211	211	71	71	20	50	0	G2 res.	G<=12.5%	G<=12.5%	No		