

## Appendices A

Name	Type	Length	Number	R(1)	X(1)	C(1)	B(1)	G(1)	R(0)	X(0)	C(0)	B(0)	Units
		km		Ohm/...	Ohm/...	uF/...	uS/...	uS/...	Ohm/...	Ohm/...	uF/...	uS/...	
L1	4*325mm2ACSR-500KV	236.7	1	0.028	0.276	0.013079	4.109	0	0.3445	0.981	0.009899	3.11	km
L2	2*240mm2ACSR-500KV	140	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L3	2*240mm2ACSR-500KV	140	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L4	2*240mm2ACSR-220KV	115	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L5	2*240mm2ACSR-220KV	115	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L6	2*240mm2ACSR-220KV	5	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L7	2*240mm2ACSR-220KV	5	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L9	2*240mm2ACSR-220KV	38	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L8	2*240mm2ACSR-220KV	38	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L12	2*240mm2ACSR-220KV	30	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L13	2*240mm2ACSR-220KV	30	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L15	4*325mm2ACSR-500KV	345	1	0.028	0.276	0.013079	4.109	0	0.3445	0.981	0.009899	3.11	km

L14	4*325mm2ACSR-500KV	345	1	0.028	0.276	0.013079	4.109	0	0.3445	0.981	0.009899	3.11	km
L18	2*240mm2ACSR-220KV	14	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005745	1.805	km
L17	2*240mm2ACSR-220KV	14	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L16	4*325mm2ACSR-500KV	36.8	1	0.028	0.276	1.30E-05	0.004	0	0.3445	0.981	9.55E-06	0.003	km
L20	1*400mm2ACSR-220KV	43	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L19	1*400mm2ACSR-220KV	43	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L21	1*400mm2ACSR	86	1	0.076	0.403	0.00902	2.834	0	0.551	2.159	0.004399	1.382	km
L22	1*400mm2ACSR	86	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L24	1*400mm2ACSR	55	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L25	1*400mm2ACSR	84	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004991	1.568	km
L26	1*400mm2ACSR	84	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004991	1.568	km
L28	1*400mm2ACSR	50	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L27	1*400mm2ACSR	50	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L30	1*400mm2ACSR	178	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L29	1*400mm2ACSR	178	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km
L31	2*240mm2ACSR-220KV	163.3	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L32	2*240mm2ACSR-220KV	163.3	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L33	2*240mm2ACSR-220KV	163.3	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L34	2*240mm2ACSR-220KV	163.3	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L35	2*240mm2ACSR-	107.2	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km

	220KV												
L36	2*240mm2ACSR-220KV	107.2	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L37	2*240mm2ACSR-220	147.7	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L38	2*240mm2ACSR-220	147.7	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L39	2*240mm2ACSR-220	39.88	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L40	2*240mm2ACSR-220	39.88	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L41	2*240mm2ACSR-220KV	39.88	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L42	2*240mm2ACSR-220KV	39.88	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L11	2*240mm2ACSR-220KV	60	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L10	2*240mm2ACSR-220KV	60	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L43	2*240mm2ACSR-220KV	36	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L44	2*240mm2ACSR-220KV	36	1	0.067	0.302	0.01306	4.103	0	0.262	1.2	0.005749	1.806	km
L23	1*400mm2ACSR	55	1	0.076	0.403	0.009021	2.834	0	0.551	2.159	0.004399	1.382	km