



VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ



Fakulta elektrotechniky a komunikačních technologií

Ústav elektroenergetiky



Výpočtová příloha

**POSOUZENÍ MOŽNOSTI PŘIPOJENÍ
KOGENERAČNÍ VÝROBNY 138MW
V PROSTĚJOVĚ**

Tomáš Vacek

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Ústav elektroenergetiky, FEKT VUT v Brně, 2011

Brno

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PŘÍLOHA A

Tab.6-3 Vedení

Název	Druh	Typ	R/km	X/km	B/km	Délka [km]	I _{max} [A]
573	venko-110	JJ210	0,137	0,403	2,86	0,88	300
573	venko-110	JJ210	0,137	0,403	2,86	29,25	300
571	venko-110	JJ210	0,137	0,403	2,86	16,79	300
550A	venko-110	DS150A	0,193	0,406	2,85	1,468	382
550HUN	venko-110	DS150A	0,193	0,406	2,85	4,022	382
550B	venko-110	DS150A	0,193	0,406	2,85	9,794	382
559A	venko-110	DS150A	0,193	0,406	2,85	1,468	382
559B	venko-110	DS150A	0,193	0,406	2,85	9,794	382
559C	venko-110	DS150A	0,193	0,406	2,85	6,82	382
559CHR	venko-110	DS150A	0,193	0,406	2,85	7,198	382
5576	venko-110	DS240F	0,125	0,394	2,94	22	522
5578	venko-110	DS240F	0,125	0,394	2,94	38,1	522
555	venko-110	DS150A	0,193	0,406	2,85	11,556	522
5577	venko-110	DS240F	0,125	0,394	2,94	23,396	522
5575	venko-110	DS240F	0,125	0,394	2,94	40,904	522
5505A	venko-110	DS240F	0,125	0,394	2,94	0,332	453
5505B	venko-110	DS150F	0,193	0,406	2,85	2,67	379
5508B	venko-110	DS240F	0,125	0,394	2,94	0,926	453
5507	venko-110	DS150A	0,193	0,406	2,85	2,732	382
5506	venko-110	DS150A	0,193	0,406	2,85	2,456	382
5508A	venko-110	DS240F	0,125	0,394	2,94	0,332	453
5518	venko-110	DS240F	0,125	0,394	2,94	7,239	453
5519	venko-110	DS240F	0,125	0,394	2,94	7,239	453
5516	venko-110	JJ185F	0,156	0,402	2,94	1,205	443
5516A	venko-110	DS150F	0,193	0,406	2,85	18,875	379
5517	venko-110	JJ185F	0,156	0,402	2,94	1,205	443
5517A	venko-110	DS150F	0,193	0,406	2,85	18,875	379
5504	venko-110	DS240F	0,125	0,394	2,94	1,73	453
5503A	venko-110	DS240F	0,125	0,394	2,94	2,429	453
5502a	venko-110	JJ185F	0,156	0,402	2,94	1,406	443
5501A	venko-110	JJ185F	0,156	0,402	2,94	1,476	443
5501B	venko-110	DS150F	0,193	0,406	2,85	5,86	379
5502B	venko-110	JJ150F	0,2	0,418	2,83	5,86	379
5503B	venko-110	DS150A	0,193	0,406	2,85	4,727	382
5509B	venko-110	DS150F	0,193	0,406	2,85	4,879	379
5509A	venko-110	DS240F	0,125	0,394	2,94	1,075	453
5573	venko-110	DS240F	0,125	0,394	2,94	0,93	453
5572	venko-110	DS240F	0,125	0,394	2,94	0,93	453
5574A	venko-110	DS150F	0,193	0,406	2,85	11,549	379
5574B	venko-110	DS240F	0,125	0,394	2,94	2,605	453
568B	venko-110	DS240F	0,125	0,394	2,94	2,605	453
568A	venko-110	DS150F	0,193	0,406	2,85	18,878	379
567	venko-110	DS150F	0,193	0,406	2,85	30,427	379
5594A	venko-110	JJ185F	0,156	0,402	2,94	8,663	443
5594B	venko-110	JJ185F	0,156	0,402	2,94	17,892	443

PŘÍLOHA B

Vypočítané hodnoty ustáleného chodu sítě 110kV podle kapitoly 6.1.2

Tab.6-5 Napětí v uzlech samotné sítě

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,204	-1,173	0,449	15,577	90	11298,69
OKC	119,499	-3,427	-8,636	3,905	89,501	3408,05
U9	119,127	-3,82	-8,298	16,574	75,418	803,079
A	119,49	-3,439	-8,627	4,262	87,92	3122,675
PROS	119,147	-3,823	-8,315	23,699	74,141	561,627
U14	118,73	-3,885	-7,936	10,533	73,537	1263,687
U12	119,426	-3,472	-8,569	4,512	85,965	2950,155
U13	118,935	-3,765	-8,122	8,754	75,387	1520,462
U15	119,435	-3,489	-8,577	8,756	75,383	1520,169
U16	119,492	-3,436	-8,629	4,512	85,964	2950,061
U17	119,387	-3,525	-8,534	11,778	72,575	1130,069
U18	119,33	-3,561	-8,482	14,985	70,845	888,229
U19	118,494	-4,526	-7,722	11,298	78,168	1178,132
PRT	117,505	-5,772	-6,823	16,73	76,186	795,564
LUT	118,754	-6,006	-7,958	75,506	70,385	176,277
U21	118,254	-4,935	-7,503	15,18	76,639	876,818
U23	119,295	-3,545	-8,45	4,75	85,045	2802,294
U22	119,482	-3,441	-8,62	4,032	88,939	3301,096
U24	119,278	-3,558	-8,435	4,794	84,929	2776,619
U25	119,23	-3,594	-8,391	4,869	84,67	2733,584
U26	119,32	-3,537	-8,473	4,656	85,351	2858,617
U27	119,492	-3,437	-8,629	5,349	84,781	2488,259
U28	119,463	-3,454	-8,603	4,381	87,152	3038,018
U29	118,78	-3,869	-7,982	8,21	76,253	1621,242
U30	119,463	-3,454	-8,603	4,381	87,152	3038,018
U31	119,457	-3,464	-8,597	4,478	87,107	2972,143
U32	119,436	-3,482	-8,578	4,723	86,105	2818,378
U34	119,447	-3,474	-8,588	4,636	86,436	2870,756
U35	119,468	-3,453	-8,607	4,397	87,032	3026,818
U36	119,466	-3,455	-8,605	4,417	86,943	3013,44
U33	119,307	-3,564	-8,461	4,666	85,536	2852,342
U38	119,299	-3,57	-8,453	4,853	85,02	2742,567
U39	119,101	-3,717	-8,273	8,795	75,551	1513,42
U40	119,065	-3,752	-8,241	9,451	75,32	1408,277
U41	119,082	-3,744	-8,257	10,03	75,083	1327,033
VST	119,208	-3,684	-8,371	11,817	72,97	1126,378
U20a	117,397	-5,869	-6,725	20,45	74,83	650,859
U20	117,143	-6,064	-6,494	28,145	73,171	472,911

Tab.6-6a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	341,936	167,018	14,13	90	-230846	-48260,5	235836,5
T401	U0	170,968	167,018	4,472	89,218	-115423	-24130,5	117918,3
T401	OKC	565,184	167,018	4,472	89,218	115358,6	19416,63	116981,2
T402	U0	170,968	167,018	4,472	89,218	-115423	-24130,5	117918,3
T402	OKC	565,184	167,018	4,472	89,218	115358,6	19416,63	116981,2
573	OKC	40,347	174,934	0,374	71,186	-8347,46	-238,781	8350,878
573	A	40,352	174,688	0,374	71,186	8346,875	272,976	8351,338
573	U9	40,928	-13,402	12,424	71,19	8327,147	1405,672	8444,957
573	A	40,352	-5,314	12,424	71,19	-8346,94	-273,269	8351,412
RYC	U9	41,606	-17,89	1653,1	14,07	8327,131	2086,943	8584,663
571	U9	3,302	-93,824	7,132	71,188	-0,041	681,216	681,216
571	PROS	0	107,522	7,132	71,188	0,016	0,042	0,045
550A	OKC	102,673	163,667	0,659	64,535	-20714,4	-4746,51	21251,21
550A	U12	102,738	163,51	0,659	64,535	20705,39	4787,382	21251,64
550HUN	U14	103,375	-17,955	1,805	64,535	20620,84	5167,932	21258,57
550HUN	U13	103,186	-17,531	1,805	64,535	-20645,7	-5058,26	21256,3
550B	U12	102,741	163,508	4,396	64,535	-20705,8	-4788,2	21252,2
550B	U13	103,186	162,468	4,396	64,535	20645,66	5058,372	21256,31
HUN	U14	103,375	-17,955	663,108	14,07	20620,83	5168,022	21258,57
559A	OKC	16,526	179,323	0,659	64,535	-3416,55	164,134	3420,493
559A	U16	16,514	178,323	0,659	64,535	3416,321	-104,892	3417,93
559B	U15	16,568	-8,357	4,396	64,535	3415,103	290,832	3427,465
559B	U16	16,516	-1,689	4,396	64,535	-3416,65	104,202	3418,24
559C	U15	16,568	171,643	3,061	64,535	-3415,09	-290,817	3427,45
559C	U17	16,735	167,068	3,061	64,535	3413,996	565,618	3460,534
559CHR	U17	16,735	167,067	3,231	64,535	-3414,04	-565,68	3460,588
559CHR	U18	17,023	162,368	3,231	64,535	3412,855	855,39	3518,418
CHR	U18	17,023	-17,631	4047,244	14,07	3412,813	855,322	3518,362
5576	OKC	158,525	170,706	9,066	72,345	-32639,4	-3353,8	32811,3
5576	U19	158,998	169,111	9,066	72,345	32431,51	3616,633	32632,54
ZDO	U19	58,871	-18,596	1162,079	14,07	11720,08	2937,331	12082,56
5578	U19	100,968	173,595	15,697	72,348	-20711,4	-679,343	20722,57
5578	PRT	101,423	169,28	15,697	72,348	20565,22	1780,27	20642,13
555	PRT	26,55	-95,928	57,899	69,063	-14,729	5403,549	5403,569
555	LUT	0	-111,595	57,899	69,063	0,001	-0,002	0,002
5577	PRT	112,693	-12,376	9,641	72,345	22783,56	2637,552	22935,72
5577	U21	112,216	-10,002	9,641	72,345	-22894,5	-2030,01	22984,32
PROST	PRT	183,809	-19,842	369,088	14,07	36287,3	9094,42	37409,58
NZAD	U21	3,49	-19,007	19561,47	14,072	693,418	173,817	714,871
5575	U21	115,665	-10,273	16,852	72,349	23587,93	2203,85	23690,66
5575	OKC	115,082	-6,182	16,852	72,349	-23792	-1144,85	23819,53
5505A	OKC	137,795	161,528	0,137	72,343	-27543	-7403,21	28520,57
5505A	U22	137,812	161,501	0,137	72,343	27540,61	7409,72	28519,98
5505B	U23	137,949	-18,71	1,198	64,535	27511,29	7456,534	28503,88
5505B	U22	137,813	-18,499	1,198	64,535	-27540,7	-7409,81	28520,07
OKD	U23	3,521	-17,617	19561,47	14,072	705,69	176,893	727,523
5508B	U24	134,444	161,235	0,382	72,343	-26803,1	-7285,68	27775,66

Tab.6-6b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5508B	U25	134,494	161,158	0,382	72,343	26796,82	7304,676	27774,59
BAR	U25	204,688	-17,664	336,304	14,07	41002,53	10276,25	42270,66
5507	U25	70,275	-15,405	1,226	64,535	14205,35	2970,563	14512,62
5507	U26	70,167	-14,977	1,226	64,535	-14213,2	-2876,19	14501,25
BHN	U26	81,585	-17,607	844,388	14,07	16355,17	4099,029	16861,01
5506	U26	151,711	-16,39	1,102	64,535	30568,14	6974,937	31353,8
5506	OKC	151,604	-16,212	1,102	64,535	-30600,8	-6943,83	31378,79
5508A	U24	134,45	-18,768	0,137	72,343	26803,79	7287,384	27776,77
5508A	U23	134,432	-18,74	0,137	72,343	-26806	-7280,56	27777,15
5518	OKC	4,018	-176,733	2,983	72,343	-826,001	96,946	831,67
5518	U27	4,114	162,502	2,983	72,343	825,957	206,873	851,47
5519	OKC	4,018	-176,733	2,983	72,343	-826,001	96,946	831,67
5519	U27	4,114	162,502	2,983	72,343	825,957	206,873	851,47
FA	U27	8,229	-17,508	8383,533	14,071	1652,032	414,07	1703,134
5516	OKC	74,494	165,005	0,52	68,797	-15105,6	-3091,79	15418,76
5516	U28	74,544	164,821	0,52	68,797	15102,46	3134,301	15424,27
5516A	U28	74,547	164,817	8,472	64,537	-15103	-3135,52	15425,02
5516A	U29	75,373	162,061	8,472	64,537	15041,58	3769,835	15506,79
5517	OKC	74,494	165,005	0,52	68,797	-15105,6	-3091,79	15418,76
5517	U30	74,544	164,821	0,52	68,797	15102,46	3134,301	15424,27
5517A	U30	74,547	164,817	8,472	64,537	-15103	-3135,52	15425,02
5517A	U29	75,373	162,061	8,472	64,537	15041,58	3769,835	15506,79
UHD	U29	150,746	-17,939	454,922	14,07	30083,1	7539,546	31013,5
5504	OKC	70,709	165,064	0,713	72,343	-14341	-2919,99	14635,28
5504	U31	70,78	164,785	0,713	72,343	14337,78	2982,404	14644,68
5503A	OKC	63,419	165,934	1,001	72,343	-12900,7	-2423,24	13126,3
5503A	U34	63,511	165,497	1,001	72,343	12897,01	2513,667	13139,69
5502A	OKC	59,545	167,791	0,606	68,797	-12180	-1881,64	12324,46
5502A	U35	59,589	167,52	0,606	68,797	12177,64	1934,647	12330,36
5501A	OKC	60,527	167,64	0,637	68,797	-12375,8	-1945,13	12527,73
5501A	U36	60,574	167,361	0,637	68,797	12373,27	2000,564	12533,96
5501B	U36	60,574	167,361	2,63	64,535	-12373,3	-2000,49	12533,93
5501B	U33	60,767	166,289	2,63	64,535	12360,77	2212,26	12557,18
5502B	U35	59,589	167,519	2,715	64,422	-12177,6	-1934,7	12330,35
5502B	U33	59,778	166,437	2,715	64,422	12165,1	2144,962	12352,75
5503B	U34	63,512	165,496	2,122	64,535	-12897,1	-2513,88	13139,82
5503B	U33	63,695	164,677	2,122	64,535	12886,03	2682,581	13162,29
5509B	U32	56,151	165,169	2,19	64,535	-11388,7	-2285,84	11615,85
5509B	U33	56,347	164,213	2,19	64,535	11379,78	2465,175	11643,74
5509A	U31	56,108	165,388	0,443	72,343	-11389,9	-2244,55	11608,96
5509A	U32	56,15	165,17	0,443	72,343	11388,64	2285,657	11615,73
MLE	U31	14,69	-17,535	4694,781	14,071	2948,321	738,967	3039,518

Tab.6-6c Proudly a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
MAD	U33	143,198	-17,633	481,025	14,07	28703,4	7193,731	29591,13
5573	U33	22,545	162,839	0,383	72,343	-4528,22	-1095,26	4658,796
5573	U38	22,59	162,375	0,383	72,343	4528,043	1133,624	4667,791
5572	U33	22,545	162,839	0,383	72,343	-4528,22	-1095,26	4658,796
5572	U38	22,59	162,375	0,383	72,343	4528,043	1133,624	4667,791
SVIT	U38	45,187	-17,64	1524,286	14,07	9056,853	2269,859	9336,961
5574A	U33	42,266	170,59	5,184	64,535	-8688,7	-889,717	8734,13
5574A	U39	42,554	167,554	5,184	64,535	8676,674	1332,092	8778,334
5574B	U39	42,554	167,553	1,074	72,343	-8676,77	-1332,36	8778,469
5574B	U40	42,637	166,853	1,074	72,343	8674,998	1435,417	8792,952
SLU	U40	55,055	-17,822	1248,616	14,07	11013,13	2760,195	11353,75
568B	U40	13,034	-33,299	1,074	72,343	2338,43	1325,588	2688,017
568B	U41	12,783	-31,245	1,074	72,343	-2338,59	-1217,49	2636,531
568A	U41	12,78	-31,235	8,473	64,537	2338,346	1216,845	2636,015
568A	VST	11,547	-14,724	8,473	64,537	-2339,94	-456,548	2384,065
567	U33	11,934	-165,327	13,655	64,54	-2342,31	771,774	2466,18
567	VST	11,547	165,274	13,655	64,54	2339,983	456,625	2384,12
5594A	PRT	34,808	168,338	3,736	68,797	-7046,79	-726,959	7084,191
5594A	U20a	35,026	165,526	3,736	68,797	7041,852	1065,634	7122,026
5594B	U20a	35,025	165,526	7,717	68,798	-7041,82	-1065,64	7121,991
5594B	U20	35,726	159,866	7,717	68,798	7031,353	1762,245	7248,823
KNC	U20	35,727	-20,134	1893,062	14,07	7031,372	1762,266	7248,847

PŘÍLOHA C

Vypočítané hodnoty ustáleného chodu sítě 110 kV s uvažováním VTE Skřípov a VTE Malé Hradisko včetně souvisejících zdrojů podle kapitoly 6.1.4

Tab.6-13a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,219	-0,807	0,445	15,573	90	11301,27
OKC	119,458	-2,355	-8,598	3,903	89,501	3410,164
U9	119,086	-2,748	-8,26	16,571	75,417	803,194
A	119,449	-2,367	-8,59	4,26	87,919	3124,45
PROS	119,106	-2,751	-8,278	23,697	74,139	561,683
U14	118,689	-2,813	-7,899	10,53	73,534	1263,968
U12	119,385	-2,399	-8,532	4,509	85,964	2951,738
U13	118,894	-2,693	-8,085	8,752	75,383	1520,872
U15	119,394	-2,417	-8,54	8,753	75,379	1520,579
U16	119,451	-2,363	-8,592	4,509	85,963	2951,643
U17	119,346	-2,453	-8,497	11,776	72,571	1130,293
U18	119,289	-2,489	-8,445	14,983	70,842	888,366
U19	119,134	-2,048	-8,304	11,286	78,176	1179,319
PRT	118,986	-1,27	-8,169	16,688	76,222	797,586
LUT	118,995	-1,272	-8,177	21,796	73,455	610,67
U21	119,199	-1,691	-8,363	15,158	76,656	878,104
U23	119,255	-2,473	-8,413	4,747	85,044	2803,721
U22	119,441	-2,368	-8,582	4,03	88,939	3303,08
U24	119,237	-2,486	-8,397	4,791	84,927	2778,02
U25	119,189	-2,521	-8,354	4,867	84,668	2734,941
U26	119,279	-2,464	-8,435	4,654	85,349	2860,102
U27	119,451	-2,364	-8,592	5,347	84,779	2489,383
U28	119,422	-2,382	-8,565	4,379	87,151	3039,698
U29	118,739	-2,797	-7,945	8,207	76,249	1621,709
U30	119,422	-2,382	-8,565	4,379	87,151	3039,698
U31	119,416	-2,392	-8,56	4,476	87,106	2973,75
U32	119,395	-2,41	-8,541	4,72	86,103	2819,823
U34	119,406	-2,402	-8,551	4,634	86,435	2872,256
U35	119,427	-2,381	-8,57	4,395	87,031	3028,485
U36	119,425	-2,383	-8,568	4,414	86,942	3015,093
U33	119,266	-2,491	-8,423	4,664	85,534	2853,822
U38	119,258	-2,497	-8,416	4,851	85,018	2743,934
U39	119,06	-2,645	-8,236	8,792	75,548	1513,827
U40	119,024	-2,679	-8,204	9,449	75,316	1408,629
U41	119,041	-2,671	-8,219	10,028	75,08	1327,346
VST	119,167	-2,611	-8,333	11,814	72,966	1126,601
U20a	119,555	-0,455	-8,686	20,433	74,829	651,385
U20	120,875	1,364	-9,887	30,095	72,839	442,262
U42	120,772	1,211	-9,793	28,199	73,116	472,001
U43	120,979	1,508	-9,981	31,891	72,776	417,365

Tab.6-13b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U44	25,471	5,614	-15,777	3,505	81,129	151,89
U45	25,592	5,977	-16,329	3,722	79,646	143,032
U47	0,809	8,152	-17,229	0,005	80,484	109,05
U46	25,593	5,975	-16,333	4,162	77,155	127,924
U48	25,38	5,522	-15,362	2,557	80,753	208,189
U49	26,299	8,205	-19,54	3,566	73,775	149,304
U50	0,83	10,431	-20,268	0,004	75,791	124,429
U51	26,34	8,147	-19,728	6,575	66,005	80,969

Tab.6-14a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	240,918	162,012	14,13	90	-158754	-49086,1	166169,8
T401	U0	120,459	162,012	4,472	89,218	-79377,2	-24543,2	83084,92
T401	OKC	398,212	162,012	4,472	89,218	79345,23	22203,14	82393,23
T402	U0	120,459	162,012	4,472	89,218	-79377,2	-24543,2	83084,92
T402	OKC	398,212	162,012	4,472	89,218	79345,23	22203,14	82393,23
573	OKC	40,335	175,995	0,374	71,186	-8342,25	-240,29	8345,707
573	A	40,341	175,749	0,374	71,186	8341,659	274,461	8346,173
573	U9	40,914	-12,329	12,424	71,19	8321,428	1404,683	8439,153
573	A	40,338	-4,242	12,424	71,19	-8341,21	-273,058	8345,676
RYC	U9	41,591	-16,818	1653,1	14,07	8321,413	2085,51	8578,769
571	U9	3,301	-92,749	7,132	71,188	-0,013	680,815	680,815
571	PROS	0	-66,48	7,132	71,188	-0,012	-0,025	0,028
550A	OKC	102,641	164,736	0,659	64,535	-20700,6	-4744,29	21237,31
550A	U12	102,706	164,58	0,659	64,535	20691,64	4785,13	21237,74
550HUN	U14	103,339	-16,883	1,805	64,535	20606,64	5164,459	21243,94
550HUN	U13	103,15	-16,459	1,805	64,535	-20631,5	-5054,86	21241,68
550B	U12	102,706	164,58	4,396	64,535	-20691,6	-4784,96	21237,67
550B	U13	103,15	163,54	4,396	64,535	20631,54	5054,943	21241,77
HUN	U14	103,339	-16,883	663,108	14,07	20606,67	5164,474	21243,98
559A	OKC	16,523	-179,624	0,659	64,535	-3414,79	162,879	3418,669
559A	U16	16,511	179,376	0,659	64,535	3414,555	-103,677	3416,129
559B	U15	16,563	-7,284	4,396	64,535	3412,734	290,603	3425,084
559B	U16	16,51	-0,616	4,396	64,535	-3414,28	104,16	3415,869
559C	U15	16,563	172,717	3,061	64,535	-3412,72	-290,548	3425,07
559C	U17	16,729	168,141	3,061	64,535	3411,631	565,161	3458,125
559CHR	U17	16,729	168,139	3,231	64,535	-3411,69	-565,284	3458,206
559CHR	U18	17,017	163,441	3,231	64,535	3410,507	854,795	3515,997
CHR	U18	17,017	-16,559	4047,244	14,07	3410,47	854,734	3515,946
5576	OKC	44,127	40,238	9,066	72,345	6721,489	-6179,32	9130,305
5576	U19	47,249	44,229	9,066	72,345	-6738,71	7045,989	9749,672
ZDO	U19	59,189	-16,118	1162,079	14,07	11847,06	2969,156	12213,47
5578	U19	58,278	17,769	15,697	72,348	11313,33	-4076,8	12025,46
5578	PRT	61,272	24,577	15,697	72,348	-11364,3	5505,235	12627,53
555	PRT	2,263	-91,267	5,187	64,535	0,026	466,289	466,289
555	LUT	0	-67,567	5,187	64,535	-0,037	-0,084	0,092

Tab.6-14b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5577	PRT	55,222	-148,042	9,641	72,345	-9519,79	6236,253	11380,56
5577	U21	52,763	-152,333	9,641	72,345	9494,227	-5340,71	10893,28
PROST	PRT	186,125	-15,34	369,088	14,07	37207,58	9325,061	38358,32
NZAD	U21	3,518	-15,764	19561,47	14,072	704,548	176,607	726,345
5575	U21	50,266	-149,575	16,852	72,349	-8789,69	5517,301	10377,82
5575	OKC	46,349	-158,253	16,852	72,349	8753,996	-3916,21	9590,056
5505A	OKC	137,758	162,593	0,137	72,343	-27525,4	-7402,02	28503,27
5505A	U22	137,776	162,566	0,137	72,343	27523,01	7408,524	28502,67
5505B	U23	137,901	-17,637	1,198	64,535	27492,35	7451,263	28484,22
5505B	U22	137,765	-17,427	1,198	64,535	-27521,7	-7404,57	28500,4
OKD	U23	3,52	-16,545	19561,47	14,072	705,205	176,771	727,023
5508B	U24	134,4	162,306	0,382	72,343	-26784,9	-7281,51	27757,01
5508B	U25	134,449	162,229	0,382	72,343	26778,63	7300,491	27755,94
BAR	U25	204,618	-16,591	336,304	14,07	40974,38	10269,19	42241,64
5507	U25	70,251	-14,333	1,226	64,535	14195,66	2968,649	14502,74
5507	U26	70,143	-13,905	1,226	64,535	-14203,5	-2874,34	14491,37
BHN	U26	81,557	-16,534	844,388	14,07	16343,94	4096,215	16849,43
5506	U26	151,66	-15,318	1,102	64,535	30547,29	6970,41	31332,47
5506	OKC	151,553	-15,14	1,102	64,535	-30580	-6939,33	31357,44
5508A	U24	134,399	-17,693	0,137	72,343	26784,87	7280,97	27756,83
5508A	U23	134,382	-17,665	0,137	72,343	-26787,1	-7274,15	27757,22
5518	OKC	4,017	-175,676	2,983	72,343	-825,507	96,676	831,149
5518	U27	4,113	163,562	2,983	72,343	825,464	206,934	851,006
5519	OKC	4,017	-175,676	2,983	72,343	-825,507	96,676	831,149
5519	U27	4,113	163,562	2,983	72,343	825,464	206,934	851,006
FA	U27	8,226	-16,435	8383,533	14,071	1650,898	413,786	1701,964
5516	OKC	74,472	166,074	0,52	68,797	-15095,6	-3090,76	15408,79
5516	U28	74,521	165,89	0,52	68,797	15092,5	3133,245	15414,3
5516A	U28	74,522	165,889	8,472	64,537	-15092,6	-3133,32	15414,39
5516A	U29	75,347	163,133	8,472	64,537	15031,23	3767,199	15496,12
5517	OKC	74,472	166,074	0,52	68,797	-15095,6	-3090,76	15408,79
5517	U30	74,521	165,89	0,52	68,797	15092,5	3133,245	15414,3
5517A	U30	74,522	165,889	8,472	64,537	-15092,6	-3133,32	15414,39
5517A	U29	75,347	163,133	8,472	64,537	15031,23	3767,199	15496,12
UHD	U29	150,694	-16,867	454,922	14,07	30062,44	7534,37	30992,21
5504	OKC	70,688	166,132	0,713	72,343	-14331,6	-2919,17	14625,9
5504	U31	70,759	165,854	0,713	72,343	14328,38	2981,54	14635,3
5503A	OKC	63,398	167,004	1,001	72,343	-12892	-2422,22	13117,62
5503A	U34	63,491	166,567	1,001	72,343	12888,38	2512,586	13131,01
5502A	OKC	59,526	168,86	0,606	68,797	-12171,9	-1881,02	12316,34
5502A	U35	59,57	168,589	0,606	68,797	12169,52	1933,987	12322,24
5501A	OKC	60,507	168,711	0,637	68,797	-12367,4	-1944,06	12519,27
5501A	U36	60,554	168,432	0,637	68,797	12364,88	1999,453	12525,5
5501B	U36	60,553	168,434	2,63	64,535	-12364,7	-1999,03	12525,27
5501B	U33	60,746	167,362	2,63	64,535	12352,24	2210,65	12548,49
5502B	U35	59,568	168,592	2,715	64,422	-12169,2	-1933,2	12321,78
5502B	U33	59,757	167,51	2,715	64,422	12156,66	2143,315	12344,16

Tab.6-14c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5503B	U34	63,489	166,57	2,122	64,535	-12888,1	-2511,83	13130,57
5503B	U33	63,672	165,75	2,122	64,535	12877,01	2680,415	13153,03
5509B	U32	56,13	166,243	2,19	64,535	-11380,7	-2283,86	11607,58
5509B	U33	56,326	165,287	2,19	64,535	11371,75	2463,07	11635,44
5509A	U31	56,089	166,46	0,443	72,343	-11382,1	-2243,08	11601,02
5509A	U32	56,131	166,242	0,443	72,343	11380,84	2284,161	11607,79
MLE	U31	14,685	-16,462	4694,781	14,071	2946,296	738,46	3037,431
MAD	U33	143,149	-16,561	481,025	14,07	28683,69	7188,792	29570,81
5573	U33	22,546	163,877	0,383	72,343	-4526,2	-1097,63	4657,391
5573	U38	22,591	163,413	0,383	72,343	4526,025	1135,965	4666,404
5572	U33	22,546	163,877	0,383	72,343	-4526,2	-1097,63	4657,391
5572	U38	22,591	163,413	0,383	72,343	4526,025	1135,965	4666,404
SVIT	U38	45,171	-16,567	1524,286	14,07	9050,633	2268,3	9330,549
5574A	U33	42,252	171,661	5,184	64,535	-8682,8	-889,25	8728,217
5574A	U39	42,54	168,626	5,184	64,535	8670,787	1331,32	8772,397
5574B	U39	42,539	168,628	1,074	72,343	-8670,62	-1331	8772,188
5574B	U40	42,621	167,928	1,074	72,343	8668,852	1433,99	8786,656
SLU	U40	55,036	-16,749	1248,616	14,07	11005,57	2758,3	11345,96
568B	U40	13,027	-32,217	1,074	72,343	2336,543	1323,994	2685,59
568B	U41	12,776	-30,163	1,074	72,343	-2336,71	-1215,97	2634,156
568A	U41	12,776	-30,164	8,473	64,537	2336,757	1216,05	2634,239
568A	VST	11,543	-13,653	8,473	64,537	-2338,35	-456,275	2382,452
567	U33	11,93	-164,256	13,655	64,54	-2340,73	771,197	2464,496
567	VST	11,543	166,346	13,655	64,54	2338,403	456,359	2382,518
5594A	PRT	276,553	1,629	3,736	68,797	56921,66	-2882,5	56994,6
5594A	U20a	276,635	1,992	3,736	68,797	-57231,8	2445,329	57284,05
5594B	U20a	276,635	1,992	7,717	68,798	57231,79	-2445,44	57284,01
5594B	U42	276,761	2,747	7,717	68,798	-57872,9	1552,471	57893,71
KNC	U20	36,865	-12,706	1893,062	14,07	7486,547	1876,346	7718,1
5594C	U20	103,774	-174,956	1,894	68,797	-21681,6	1394,176	21726,35
5594C	U42	103,719	-175,453	1,894	68,797	21659,45	-1262,67	21696,22
V8	U20	51,793	0,09	3,582	71,764	10840,82	241,185	10843,5
V8	U43	51,779	1,459	3,582	71,764	-10849,8	-9,309	10849,84
V9	U20	51,793	0,09	3,582	71,764	10840,82	241,185	10843,5
V9	U43	51,779	1,459	3,582	71,764	-10849,8	-9,309	10849,84
T3	U43	103,557	1,459	2,037	86,602	21699,67	18,622	21699,68
T3	U44	495,275	1,459	2,037	86,602	-21792,6	-1583,02	21849,98
K2	U44	247,637	1,459	0,471	57,109	10896,26	791,476	10924,97
K2	U45	247,443	2,099	0,471	57,109	-10943,3	-741,691	10968,43
K1	U44	247,637	1,459	0,471	57,109	10896,26	791,476	10924,97
K1	U45	247,443	2,099	0,471	57,109	-10943,3	-741,691	10968,43
T4	U45	494,707	2,42	0,001	83,169	21886,68	1360,3	21928,92
T4	U47	15773,25	2,42	0,001	83,169	-21988,1	-2207,1	22098,61
K3	U45	2,779	-84,013	0,471	57,109	0,023	123,18	123,18
K3	U46	0,001	-54,232	0,471	57,109	-0,025	-0,044	0,051

Tab.6-14d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T1	U42	173,124	1,669	1,273	87,877	36213,39	-289,971	36214,55
T1	U48	827,983	1,669	1,273	87,877	-36314,8	-2445,58	36397,05
K4	U48	413,992	1,669	2,121	57,118	18157,4	1222,777	18198,52
K4	U49	413,036	3,413	2,121	57,118	-18748,4	-1571,79	18814,18
K5	U48	413,992	1,669	2,121	57,118	18157,4	1222,777	18198,52
K5	U49	413,036	3,413	2,121	57,118	-18748,4	-1571,79	18814,18
T2	U49	824,741	4,699	0,001	85,737	37497,39	2297,536	37567,72
T2	U50	26296,09	4,699	0,001	85,737	-37607,5	-3774,91	37796,5
K6	U49	18,574	-81,833	3,063	57,128	-0,569	846,067	846,068
K6	U51	0	-59,931	3,063	57,128	-0,006	-0,014	0,015
AS2	U50	26296,09	-175,301	0,018	-174,268	-37607,5	-3774,93	37796,5
AS1	U47	15773,25	-177,58	0,03	-174,268	-21988,1	-2207,1	22098,61
AS3	U20	35,759	-178,636	1951,613	-180	-7486,55	0	7486,547
AS4	PRT	5,677	178,73	12100	-180	-1170,05	0	1170,05
AS5	U19	35,244	177,952	1951,613	-180	-7272,46	0	7272,455

PŘÍLOHA D

Stav po změně konfigurace a bez nového zdroje z kapitoly 7.1. Vypočítané hodnoty ustáleného chodu sítě:

Tab.7-5a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,394	-0,918	0,402	15,577	90	11298,72
OKC	119,626	-2,678	-8,751	3,905	89,501	3408,07
U9	119,253	-3,071	-8,412	16,574	75,418	803,081
A	119,616	-2,689	-8,742	4,262	87,92	3122,693
PROS	119,272	-3,074	-8,43	23,699	74,141	561,627
U14	118,855	-3,136	-8,05	10,533	73,537	1263,69
U12	119,553	-2,722	-8,684	4,512	85,965	2950,171
U13	119,06	-3,015	-8,237	8,754	75,387	1520,467
U15	119,561	-2,74	-8,692	8,756	75,383	1520,173
U16	119,618	-2,686	-8,744	4,512	85,964	2950,077
U17	119,513	-2,775	-8,648	11,778	72,575	1130,072
U18	119,456	-2,812	-8,597	14,985	70,845	888,23
U19	119,289	-2,793	-8,444	11,346	78,216	1173,113
PRT	119,101	-2,749	-8,274	17,123	76,5	777,296
LUT	119,111	-2,751	-8,282	22,227	73,723	598,823
U21	119,338	-2,748	-8,489	15,568	76,974	854,977
U23	119,422	-2,795	-8,565	4,75	85,046	2802,309
U22	119,608	-2,691	-8,734	4,032	88,939	3301,115
U24	119,404	-2,808	-8,549	4,794	84,929	2776,634
U25	119,356	-2,844	-8,505	4,869	84,67	2733,597
U26	119,446	-2,787	-8,587	4,656	85,351	2858,632
U27	119,618	-2,687	-8,744	5,349	84,781	2488,27
U28	119,589	-2,705	-8,717	4,381	87,152	3038,035
U29	118,906	-3,119	-8,096	8,21	76,253	1621,247
U30	119,589	-2,705	-8,717	4,381	87,152	3038,035
U31	119,583	-2,714	-8,712	4,478	87,107	2972,159
U32	119,562	-2,732	-8,693	4,723	86,105	2818,393
U34	119,573	-2,724	-8,703	4,636	86,436	2870,771
U35	119,594	-2,704	-8,722	4,397	87,032	3026,834
U36	119,592	-2,705	-8,72	4,417	86,943	3013,457
U33	119,433	-2,814	-8,575	4,666	85,536	2852,357
U38	119,425	-2,82	-8,568	4,853	85,02	2742,581
U39	119,226	-2,968	-8,388	8,795	75,551	1513,425
U40	119,191	-3,002	-8,355	9,451	75,32	1408,281
U41	119,208	-2,994	-8,371	10,03	75,083	1327,037
VST	119,334	-2,934	-8,485	11,817	72,97	1126,38
U20a	119,499	-2,249	-8,635	20,856	75,098	638,181
U20	119,577	-0,651	-8,707	9,399	84,723	1416,137
U42	120,115	-1,467	-9,196	26,731	73,719	497,932
U43	119,838	-0,379	-8,943	9,313	83,782	1429,253
U44	25,201	5,564	-14,549	2,54	86,144	209,618
U45	25,369	6,095	-15,315	2,749	83,754	193,691

Tab.7-5b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U46	25,37	6,094	-15,319	3,177	79,936	167,563
U47	0,804	9,233	-16,548	0,004	83,58	136,154
U48	25,242	2,845	-14,735	2,495	81,234	213,4
U49	26,156	5,528	-18,89	3,501	73,994	152,068
U50	0,825	7,754	-19,615	0,004	76,003	126,327
U51	26,197	5,47	-19,078	6,509	66,046	81,793
U52	119,53	-0,715	-8,664	9,173	85,36	1451,051
U53	119,104	-2,749	-8,276	17,283	76,484	770,107
U54	12,452	-2,749	-24,518	0,284	80,08	387,39
U55	12,452	-2,749	-24,518	0,249	79,501	442,493
U56	119,855	-0,531	-8,959	7,489	86,153	1777,331
U60	120,012	-0,501	-9,102	6,08	89,366	2189,193
U57	119,894	-0,523	-8,995	7,169	86,754	1856,618
U58	119,934	-0,516	-9,031	6,827	87,472	1949,549
U59	119,973	-0,508	-9,066	6,464	88,331	2059,097
U58	119,554	-0,683	-8,685	9,297	85,018	1431,625
U61	399,43	-0,088	0,142	12,634	90	13930,93

Tab.7-6a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
Otrokovice	U0	269,369	165,441	14,13	90	-180631	-43838,6	185874,7
T401	U0	134,684	165,441	4,472	89,218	-90315,5	-21919,1	92937,29
T401	OKC	445,237	165,441	4,472	89,218	90275,57	18993,69	92252,04
T402	U0	134,684	165,441	4,472	89,218	-90315,5	-21919,1	92937,29
T402	OKC	445,237	165,441	4,472	89,218	90275,57	18993,69	92252,04
573	OKC	40,392	175,674	0,374	71,186	-8365,64	-240,664	8369,102
573	A	40,397	175,428	0,374	71,186	8365,051	274,93	8369,568
573	U9	40,972	-12,652	12,424	71,19	8344,747	1408,616	8462,802
573	A	40,395	-4,564	12,424	71,19	-8364,58	-273,818	8369,064
RYC	U9	41,65	-17,14	1653,1	14,07	8344,738	2091,356	8602,815
571	U9	3,305	-93,075	7,132	71,188	-0,051	682,624	682,624
571	PROS	0	106,4	7,132	71,188	0,026	0,074	0,079
550A	OKC	102,784	164,415	0,659	64,535	-20758,4	-4757,02	21296,52
550A	U12	102,848	164,258	0,659	64,535	20749,45	4797,97	21296,95
550HUN	U14	103,483	-17,205	1,805	64,535	20664,26	5178,643	21303,29
550HUN	U13	103,293	-16,781	1,805	64,535	-20689,2	-5068,74	21301,01
550B	U12	102,85	164,257	4,396	64,535	-20749,6	-4798,42	21297,23
550B	U13	103,295	163,218	4,396	64,535	20689,38	5069,163	21301,34
HUN	U14	103,484	-17,205	663,108	14,07	20664,43	5178,95	21303,53
559A	OKC	16,545	-179,939	0,659	64,535	-3424,11	163,808	3428,029
559A	U16	16,533	179,061	0,659	64,535	3423,88	-104,44	3425,473
559B	U15	16,586	-7,608	4,396	64,535	3422,359	291,515	3434,752
559B	U16	16,534	-0,94	4,396	64,535	-3423,91	104,354	3425,501
559C	U15	16,586	172,394	3,061	64,535	-3422,27	-291,333	3434,651
559C	U17	16,752	167,819	3,061	64,535	3421,177	566,715	3467,797
559CHR	U17	16,753	167,817	3,231	64,535	-3421,22	-566,824	3467,855
559CHR	U18	17,041	163,119	3,231	64,535	3420,029	857,147	3525,805

Tab.7-6b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
CHR	U18	17,041	-16,881	4047,244	14,07	3420,029	857,13	3525,801
5576	OKC	25,034	144,43	9,066	72,345	-4355,44	-2816,84	5186,948
5576	U19	27,708	136,653	9,066	72,345	4349,711	3722,095	5724,856
ZDO	U19	59,266	-16,862	1162,079	14,07	11877,8	2976,858	12245,15
5578	U19	3,785	69,584	16,268	72,987	236,752	-745,261	781,962
5578	PRT	11,064	81,276	16,268	72,987	-237,599	2270,023	2282,424
555	PRT	2,264	-92,754	5,187	64,535	-0,039	467,054	467,054
555	LUT	0	112,684	5,187	64,535	0,027	0,058	0,064
5577	PRT	15,847	-78,007	9,992	72,984	831,881	3161,505	3269,119
5577	U21	11,512	-72,242	9,992	72,984	-833,534	-2228,68	2379,449
PROST	PRT	186,306	-16,819	369,088	14,07	37279,98	9343,206	38432,96
NZAD	U21	3,522	-16,821	19561,47	14,072	706,192	177,019	728,04
5575	U21	13,819	-60,128	17,465	72,988	1539,754	2405,763	2856,315
5575	OKC	8,303	-29,035	17,465	72,988	-1541,59	-763,833	1720,444
5505A	OKC	137,939	162,279	0,137	72,343	-27601,2	-7418,18	28580,7
5505A	U22	137,957	162,252	0,137	72,343	27598,84	7424,705	28580,1
5505B	U23	138,097	-17,961	1,198	64,535	27569,79	7472,933	28564,63
5505B	U22	137,96	-17,751	1,198	64,535	-27599,2	-7426,11	28580,86
OKD	U23	3,525	-16,867	19561,47	14,072	707,182	177,267	729,061
5508B	U24	134,586	161,985	0,382	72,343	-26859,8	-7300,89	27834,33
5508B	U25	134,635	161,908	0,382	72,343	26853,47	7319,926	27833,26
BAR	U25	204,905	-16,914	336,304	14,07	41089,23	10297,97	42360,05
5507	U25	70,348	-14,654	1,226	64,535	14235,22	2976,496	14543,07
5507	U26	70,24	-14,226	1,226	64,535	-14243	-2881,93	14531,67
BHN	U26	81,671	-16,857	844,388	14,07	16389,75	4107,697	16896,66
5506	U26	151,874	-15,641	1,102	64,535	30633,16	6990,37	31420,63
5506	OKC	151,767	-15,464	1,102	64,535	-30665,9	-6959,2	31445,67
5508A	U24	134,586	-18,014	0,137	72,343	26859,67	7300,728	27834,2
5508A	U23	134,568	-17,987	0,137	72,343	-26861,9	-7293,89	27834,58
5518	OKC	4,023	-176,001	2,983	72,343	-827,834	96,911	833,487
5518	U27	4,119	163,237	2,983	72,343	827,79	207,551	853,413
5519	OKC	4,023	-176,001	2,983	72,343	-827,834	96,911	833,487
5519	U27	4,119	163,237	2,983	72,343	827,79	207,551	853,413
FA	U27	8,238	-16,758	8383,533	14,071	1655,525	414,946	1706,735
5516	OKC	74,578	165,75	0,52	68,797	-15138,2	-3099,87	15452,34
5516	U28	74,627	165,566	0,52	68,797	15135,08	3142,467	15457,87
5516A	U28	74,626	165,567	8,472	64,537	-15134,9	-3142,1	15457,6
5516A	U29	75,453	162,811	8,472	64,537	15073,36	3777,759	15539,56
5517	OKC	74,578	165,75	0,52	68,797	-15138,2	-3099,87	15452,34
5517	U30	74,627	165,566	0,52	68,797	15135,08	3142,467	15457,87
5517A	U30	74,626	165,567	8,472	64,537	-15134,9	-3142,1	15457,6
5517A	U29	75,453	162,811	8,472	64,537	15073,36	3777,759	15539,56
UHD	U29	150,905	-17,189	454,922	14,07	30146,71	7555,49	31079,08
5504	OKC	70,788	165,809	0,713	72,343	-14371,9	-2927,52	14667,03
5504	U31	70,858	165,53	0,713	72,343	14368,64	2990,073	14676,46
5503A	OKC	63,487	166,682	1,001	72,343	-12928,2	-2428,97	13154,43
5503A	U34	63,58	166,245	1,001	72,343	12924,55	2519,586	13167,86

Tab.7-6c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5502a	OKC	59,608	168,539	0,606	68,797	-12205,8	-1885,99	12350,69
5502a	U35	59,652	168,268	0,606	68,797	12203,5	1939,11	12356,6
5501A	OKC	60,591	168,391	0,637	68,797	-12402	-1949,12	12554,22
5501A	U36	60,638	168,111	0,637	68,797	12399,46	2004,671	12560,46
5501B	U36	60,638	168,11	2,63	64,535	-12399,5	-2004,85	12560,53
5501B	U33	60,832	167,039	2,63	64,535	12386,98	2217,069	12583,83
5502B	U35	59,652	168,269	2,715	64,422	-12203,4	-1938,81	12356,47
5502B	U33	59,841	167,186	2,715	64,422	12190,86	2149,514	12378,92
5503B	U34	63,578	166,247	2,122	64,535	-12924,3	-2519,06	13167,5
5503B	U33	63,762	165,427	2,122	64,535	12913,2	2688,114	13190,03
5509B	U32	56,209	165,92	2,19	64,535	-11412,7	-2290,37	11640,22
5509B	U33	56,405	164,964	2,19	64,535	11403,71	2470,086	11668,16
5509A	U31	56,167	166,137	0,443	72,343	-11413,9	-2249,33	11633,47
5509A	U32	56,209	165,919	0,443	72,343	11412,68	2290,522	11640,26
MLE	U31	14,706	-16,785	4694,781	14,071	2954,555	740,53	3045,945
MAD	U33	143,349	-16,884	481,025	14,07	28764,1	7208,943	29653,7
5573	U33	22,571	163,577	0,383	72,343	-4538,05	-1098,62	4669,143
5573	U38	22,616	163,113	0,383	72,343	4537,875	1137,069	4678,165
5572	U33	22,571	163,577	0,383	72,343	-4538,05	-1098,62	4669,143
5572	U38	22,616	163,113	0,383	72,343	4537,875	1137,069	4678,165
SVIT	U38	45,234	-16,89	1524,286	14,07	9076,003	2274,659	9356,704
5574A	U33	42,311	171,34	5,184	64,535	-8707,05	-891,571	8752,573
5574A	U39	42,599	168,304	5,184	64,535	8694,999	1334,881	8796,869
5574B	U39	42,599	168,303	1,074	72,343	-8695,1	-1335,12	8797,003
5574B	U40	42,682	167,603	1,074	72,343	8693,321	1438,395	8811,516
SLU	U40	55,113	-17,072	1248,616	14,07	11036,42	2766,032	11377,76
568B	U40	13,044	-32,535	1,074	72,343	2343,047	1327,444	2692,949
568B	U41	12,793	-30,481	1,074	72,343	-2343,21	-1219,12	2641,378
568A	U41	12,794	-30,487	8,473	64,537	2343,35	1219,528	2641,692
568A	VST	11,559	-13,977	8,473	64,537	-2344,95	-457,623	2389,186
567	U33	11,947	-164,577	13,655	64,54	-2347,25	773,418	2471,387
567	VST	11,559	166,024	13,655	64,54	2344,92	457,578	2389,147
5594A	PRT	172,155	-2,487	3,736	68,797	35513,34	-162,429	35513,71
5594A	U20a	172,164	-1,903	3,736	68,797	-35633,5	215,239	35634,15
5594B	U20a	172,164	-1,903	5,862	68,947	35633,53	-215,151	35634,18
5594B	U42	172,183	-1,008	5,862	68,947	-35820,8	286,845	35821,97
KNC	U20	36,469	-14,721	1893,062	14,07	7326,618	1836,263	7553,225
V8	U20	100,64	-7,285	3,582	71,764	20704,32	2408,081	20843,89
V8	U43	100,503	-6,591	3,582	71,764	-20738,3	-2257,28	20860,82
T3	U43	147,912	2,834	2,037	86,602	30653,15	-1720,73	30701,41
T3	U44	707,407	2,834	2,037	86,602	-30842,7	-1470,76	30877,7
K2	U44	353,705	2,833	0,471	57,109	15421,37	735,473	15438,9
K2	U45	353,572	3,278	0,471	57,109	-15517,4	-763,79	15536,2
K1	U44	353,705	2,833	0,471	57,109	15421,37	735,473	15438,9
K1	U45	353,572	3,278	0,471	57,109	-15517,4	-763,79	15536,2
T4	U45	707,011	3,501	0,001	83,169	31034,75	1406,352	31066,6
T4	U47	22542,39	3,501	0,001	83,169	-31241,9	-3135,92	31398,91

Tab.7-6d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
K3	U45	2,753	-83,908	0,471	57,109	-0,007	120,987	120,987
K3	U46	0	121,88	0,471	57,109	0,005	0,011	0,012
T1	U42	172,183	-1,008	1,273	87,877	35820,83	-286,82	35821,98
T1	U48	823,483	-1,008	1,273	87,877	-35921,1	-2419,08	36002,5
K4	U48	411,742	-1,008	2,121	57,118	17960,57	1209,534	18001,25
K4	U49	410,792	0,736	2,121	57,118	-18545,2	-1554,77	18610,24
K5	U48	411,742	-1,008	2,121	57,118	17960,57	1209,534	18001,25
K5	U49	410,792	0,736	2,121	57,118	-18545,2	-1554,77	18610,24
T2	U49	820,259	2,022	0,001	85,737	37090,92	2272,639	37160,48
T2	U50	26153,18	2,022	0,001	85,737	-37199,9	-3734	37386,79
K6	U49	18,473	-84,511	3,063	57,128	-0,573	836,872	836,872
K6	U51	0	120,583	3,063	57,128	0,005	0,01	0,011
AS2	U50	26153,18	-177,978	0,018	-174,268	-37199,8	-3734	37386,78
AS1	U47	22542,39	-176,499	0,021	-174,268	-31241,9	-3135,97	31398,91
AS3	U20	35,375	179,349	1951,613	-180	-7326,62	0	7326,619
AS4	PRT	5,683	177,251	12100	-180	-1172,33	0	1172,326
AS5	U19	35,29	177,207	1951,613	-180	-7291,32	0	7291,32
BO	U52	174,103	-18,91	396,379	18,195	34242,59	11254,95	36044,82
K7	PRT	17,477	-92,757	0,159	74,831	-0,539	3605,4	3605,401
K7	U53	0,007	107,18	0,159	74,831	0,527	1,453	1,546
T5	U53	0	88,937	0,084	87,159	-0,001	-0,046	0,046
T5	U54	0,002	89,413	0,084	87,159	0,002	0,053	0,053
T6	U53	0	87,019	0,106	88,915	0	-0,034	0,034
T6	U55	0,001	87,316	0,106	88,915	0	0,026	0,026
T7	U53	0	87,019	0,106	88,915	0	-0,034	0,034
T7	U55	0,001	87,316	0,106	88,915	0	0,026	0,026
V9	U43	51,469	-158,517	3,582	71,764	-9914,77	3978,123	10683,08
V9	U56	51,023	-159,795	3,582	71,764	9905,941	-3750,3	10592,09
5597	U52	83,147	-38,819	4,628	80,297	13545,76	10622,65	17214,19
5597	U60	81,259	-37,094	4,628	80,297	-13561,6	-10069,4	16891,08
VOP	U56	90,298	-18,726	766,333	18,195	17808,01	5853,256	18745,29
526c	U56	59,904	-51,081	0,412	72,343	7901,746	9602,513	12435,67
526c	U57	59,747	-50,957	0,412	72,343	-7903,09	-9564,48	12407,18
526b	U57	59,752	-50,959	0,412	72,343	7903,433	9565,61	12408,27
526b	U58	59,595	-50,834	0,412	72,343	-7904,77	-9527,52	12379,78
526a	U58	59,591	-50,832	0,412	72,343	7904,474	9526,604	12378,89
526a	U59	59,434	-50,707	0,412	72,343	-7905,8	-9488,47	12350,41
526	U59	59,44	-50,709	0,412	72,343	7906,188	9489,618	12351,55
526	U60	59,283	-50,583	0,412	72,343	-7907,51	-9451,43	12323,08
V18	U20	100,006	177,763	0,412	72,343	-20704,8	-573,272	20712,72
V18	U58	100,012	177,647	0,412	72,343	20701,04	603,526	20709,83
V17	U58	100,011	177,65	0,412	72,343	-20700,7	-602,536	20709,51
V17	U52	100,017	177,534	0,412	72,343	20696,99	632,773	20706,66
t402	U60	139,592	137,221	5,411	89,218	21468,94	19520,4	29016,58
t402	U61	42,226	137,221	5,411	89,218	-21472,9	-19808	29213,68
Čebín	U61	42,226	137,222	11,484	90	-21472,9	-19807,3	29213,21

PŘÍLOHA E

Vypočítané hodnoty pro různé výkony prostějovské výrobní a při různých účinnících. Maximálním výkonu výrobní při účinníku 0,96 kap:

Tab.7-7a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	396,678	-0,136	0,83	15,577	90	11298,72
OKC	118,078	-0,388	-7,344	3,905	89,501	3408,07
U9	117,774	-0,733	-7,067	16,574	75,418	803,081
A	118,071	-0,398	-7,337	4,262	87,92	3122,693
PROS	117,793	-0,737	-7,085	23,699	74,141	561,627
U14	117,412	-0,79	-6,739	10,533	73,537	1263,69
U12	118,015	-0,427	-7,287	4,512	85,965	2950,171
U13	117,59	-0,685	-6,9	8,754	75,387	1520,467
U15	118,026	-0,443	-7,297	8,756	75,383	1520,173
U16	118,072	-0,395	-7,338	4,512	85,964	2950,077
U17	117,987	-0,474	-7,261	11,778	72,575	1130,072
U18	117,938	-0,506	-7,217	14,985	70,845	888,23
U19	117,126	2,233	-6,479	11,346	78,216	1173,113
PRT	116,312	7,232	-5,738	17,123	76,5	777,296
LUT	116,321	7,229	-5,746	22,227	73,723	598,823
U21	116,761	4,41	-6,146	15,568	76,974	854,977
U23	117,903	-0,49	-7,184	4,75	85,046	2802,309
U22	118,063	-0,399	-7,33	4,032	88,939	3301,115
U24	117,888	-0,502	-7,171	4,794	84,929	2776,634
U25	117,846	-0,533	-7,133	4,869	84,67	2733,597
U26	117,924	-0,483	-7,203	4,656	85,351	2858,632
U27	118,072	-0,396	-7,338	5,349	84,781	2488,27
U28	118,047	-0,412	-7,315	4,381	87,152	3038,035
U29	117,458	-0,776	-6,78	8,21	76,253	1621,247
U30	118,047	-0,412	-7,315	4,381	87,152	3038,035
U31	118,042	-0,42	-7,311	4,478	87,107	2972,159
U32	118,024	-0,436	-7,295	4,723	86,105	2818,393
U34	118,034	-0,428	-7,303	4,636	86,436	2870,771
U35	118,052	-0,411	-7,32	4,397	87,032	3026,834
U36	118,05	-0,412	-7,318	4,417	86,943	3013,457
U33	117,915	-0,507	-7,195	4,666	85,536	2852,357
U38	117,908	-0,512	-7,189	4,853	85,02	2742,581
U39	117,743	-0,643	-7,039	8,795	75,551	1513,425
U40	117,713	-0,673	-7,012	9,451	75,32	1408,281
U41	117,729	-0,666	-7,026	10,03	75,083	1327,037
VST	117,839	-0,614	-7,126	11,817	72,97	1126,38
U20a	116,654	7,592	-6,049	20,856	75,098	638,181
U20	119,886	-0,653	-8,988	9,399	84,723	1416,137
U42	117,177	8,157	-6,524	26,731	73,719	497,932
U43	120,107	-0,442	-9,188	9,313	83,782	1429,253
U44	25,286	3,914	-14,939	2,54	86,144	209,618
U45	25,414	4,3	-15,517	2,749	83,754	193,691

Tab.7-7b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U47	0,804	6,607	-16,46	0,004	83,58	136,154
U46	25,415	4,298	-15,521	3,177	79,936	167,563
U48	24,662	11,338	-12,098	2,495	81,234	213,4
U49	25,348	13,286	-15,217	3,501	73,994	152,068
U50	0,799	14,944	-15,756	0,004	76,003	126,327
U51	25,388	13,228	-15,398	6,509	66,046	81,793
U52	119,846	-0,703	-8,951	9,173	85,36	1451,051
U53	116,303	7,329	-5,73	17,283	76,484	770,107
U54	12,038	9,539	-20,381	0,284	80,08	387,39
U55	12,042	9,24	-20,422	0,249	79,501	442,493
U56	120,113	-0,538	-9,194	7,489	86,153	1777,331
U60	120,242	-0,498	-9,311	6,08	89,366	2189,193
U57	120,146	-0,528	-9,223	7,169	86,754	1856,618
U58	120,178	-0,518	-9,253	6,827	87,472	1949,549
U59	120,21	-0,508	-9,282	6,464	88,331	2059,097
U58	119,866	-0,678	-8,969	9,297	85,018	1431,625
U61	399,564	-0,088	0,109	12,634	90	13930,93

Tab.7-8a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
Otrokovice	U0	141,112	105,8	14,13	90	-26619,7	-93227,4	96953,41
T401	U0	70,556	105,8	4,472	89,218	-13309,8	-46613,5	48476,46
T401	OKC	233,242	105,8	4,472	89,218	13298,88	45810,67	47701,97
T402	U0	70,556	105,8	4,472	89,218	-13309,8	-46613,5	48476,46
T402	OKC	233,242	105,8	4,472	89,218	13298,88	45810,67	47701,97
573	OKC	34,778	179,937	0,374	71,186	-7112,64	40,309	7112,754
573	A	34,778	179,654	0,374	71,186	7112,201	-6,519	7112,204
573	U9	35,218	-9,645	12,424	71,19	7097,345	1112,877	7184,066
573	A	34,777	-0,341	12,424	71,19	-7112,01	7,085	7112,011
RYC	U9	35,868	-14,803	1895,73	14,07	7097,33	1778,768	7316,837
571	U9	3,264	-90,736	7,132	71,188	-0,03	665,851	665,851
571	PROS	0	104,823	7,132	71,188	0,005	0,018	0,019
550A	OKC	89,01	166,987	0,659	64,535	-17763,8	-3978,84	18203,99
550A	U12	89,072	166,808	0,659	64,535	17757,1	4022,982	18207,12
550HUN	U14	89,693	-14,86	1,805	64,535	17693,21	4434,355	18240,43
550HUN	U13	89,507	-14,378	1,805	64,535	-17711,9	-4315,38	18230,04
550B	U12	89,073	166,808	4,396	64,535	-17757,1	-4023,08	18207,18
550B	U13	89,507	165,622	4,396	64,535	17711,94	4315,435	18230,08
HUN	U14	89,693	-14,86	755,777	14,07	17693,21	4434,333	18240,42
559A	OKC	14,251	-175,062	0,659	64,535	-2901,89	270,511	2914,473
559A	U16	14,227	-176,206	0,659	64,535	2901,719	-212,555	2909,494
559B	U15	14,215	-3,879	4,396	64,535	2900,69	174,185	2905,915
559B	U16	14,227	3,79	4,396	64,535	-2901,83	212,326	2909,591
559C	U15	14,214	176,127	3,061	64,535	-2900,53	-173,853	2905,736
559C	U17	14,354	170,844	3,061	64,535	2899,725	442,782	2933,336
559CHR	U17	14,355	170,837	3,231	64,535	-2899,91	-443,165	2933,576

Tab.7-8b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
559CHR	U18	14,631	165,421	3,231	64,535	2899,035	726,734	2988,737
CHR	U18	14,63	-14,575	4654,16	14,07	2898,943	726,543	2988,601
5576	OKC	346,808	28,288	9,066	72,345	62228,61	-34035,4	70928,2
5576	U19	348,849	28,929	9,066	72,345	-63226,8	31793,95	70770,64
ZDO	U19	51,294	-11,837	1318,346	14,07	10093,74	2529,734	10405,92
5578	U19	360,953	25,789	16,268	72,987	67124,39	-29264,2	73226,19
5578	PRT	363,617	26,853	16,268	72,987	-69000,1	24598,75	73253,71
555	PRT	2,212	-82,767	5,187	64,535	0,012	445,526	445,526
555	LUT	0	-52,631	5,187	64,535	-0,023	-0,039	0,045
5577	PRT	333,396	-152,332	9,992	72,984	-62937,8	23452,1	67165,26
5577	U21	331,769	-153,044	9,992	72,984	61967,31	-25726,9	67095,63
PROST	PRT	162,578	-6,838	413,048	14,07	31770,16	7962,352	32752,74
NZAD	U21	3,056	-9,66	22057,46	14,07	599,532	150,258	618,075
5575	U21	329,321	-152,726	17,465	72,988	-61367,8	25877,17	66600,56
5575	OKC	326,059	-153,969	17,465	72,988	59720,27	-29670,4	66684,65
5505A	OKC	118,564	164,642	0,137	72,343	-23425,3	-6263,61	24248,29
5505A	U22	118,581	164,611	0,137	72,343	23423,6	6271,718	24248,7
5505B	U23	118,715	-15,63	1,198	64,535	23401,76	6331,546	24243,16
5505B	U22	118,58	-15,388	1,198	64,535	-23423,5	-6271,34	24248,53
OKD	U23	3,028	-14,56	22481,69	14,07	599,779	150,315	618,328
5508B	U24	115,708	164,308	0,382	72,343	-22800,6	-6190,58	23626,07
5508B	U25	115,756	164,22	0,382	72,343	22795,97	6213,793	23627,68
BAR	U25	176,204	-14,603	386,135	14,07	34887,14	8743,533	35966,12
5507	U25	60,523	-12,356	1,226	64,535	12091,69	2531,157	12353,77
5507	U26	60,417	-11,864	1,226	64,535	-12097,5	-2435,12	12340,12
BHN	U26	70,133	-14,553	970,775	14,07	13894,92	3482,401	14324,66
5506	U26	130,513	-13,308	1,102	64,535	25992,29	5917,342	26657,35
5506	OKC	130,408	-13,104	1,102	64,535	-26016,5	-5870,72	26670,65
5508A	U24	115,701	-15,686	0,137	72,343	22799,81	6188,121	23624,65
5508A	U23	115,683	-15,655	0,137	72,343	-22801,5	-6179,79	23624,08
5518	OKC	3,473	-170,57	2,983	72,343	-699,841	121,104	710,242
5518	U27	3,528	165,52	2,983	72,343	699,808	175,568	721,496
5519	OKC	3,473	-170,57	2,983	72,343	-699,841	121,104	710,242
5519	U27	3,528	165,52	2,983	72,343	699,808	175,568	721,496
FA	U27	7,055	-14,466	9662,622	14,07	1399,491	350,748	1442,775
5516	OKC	64,494	168,513	0,52	68,797	-12943,4	-2539,29	13190,15
5516	U28	64,541	168,302	0,52	68,797	12941,08	2582,623	13196,26
5516A	U28	64,542	168,301	8,472	64,537	-12941,2	-2582,87	13196,41
5516A	U29	65,345	165,154	8,472	64,537	12895,11	3231,902	13293,94
5517	OKC	64,494	168,513	0,52	68,797	-12943,4	-2539,29	13190,15
5517	U30	64,541	168,302	0,52	68,797	12941,08	2582,623	13196,26
5517A	U30	64,542	168,301	8,472	64,537	-12941,2	-2582,87	13196,41
5517A	U29	65,345	165,154	8,472	64,537	12895,11	3231,902	13293,94
UHD	U29	130,689	-14,846	518,902	14,07	25790,13	6463,625	26587,76
5504	OKC	60,71	168,683	0,713	72,343	-12191,1	-2354,09	12416,33
5504	U31	60,777	168,362	0,713	72,343	12188,73	2417,476	12426,16
5503A	OKC	54,469	169,653	1,001	72,343	-10972	-1926,6	11139,87

Tab.7-8c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAR]	S [kVA]
5503A	U34	54,555	169,149	1,001	72,343	10969,3	2017,641	11153,31
5502a	OKC	51,145	171,511	0,606	68,797	-10355,6	-1473,97	10459,98
5502a	U35	51,185	171,199	0,606	68,797	10353,88	1527,164	10465,9
5501A	OKC	51,987	171,363	0,637	68,797	-10522,2	-1525,47	10632,21
5501A	U36	52,03	171,041	0,637	68,797	10520,34	1581,148	10638,5
5501B	U36	52,028	171,044	2,63	64,535	-10520	-1580,41	10638,1
5501B	U33	52,208	169,81	2,63	64,535	10510,83	1793,492	10662,75
5502B	U35	51,182	171,205	2,715	64,422	-10353,4	-1525,92	10465,22
5502B	U33	51,358	169,958	2,715	64,422	10344,13	1737,505	10489,04
5503B	U34	54,555	169,15	2,122	64,535	-10969,2	-2017,42	11153,2
5503B	U33	54,727	168,206	2,122	64,535	10961,05	2187,729	11177,24
5509B	U32	48,235	168,857	2,19	64,535	-9688,65	-1832,05	9860,339
5509B	U33	48,419	167,755	2,19	64,535	9682,048	2011,675	9888,827
5509A	U31	48,194	169,111	0,443	72,343	-9689,4	-1790,4	9853,422
5509A	U32	48,233	168,86	0,443	72,343	9688,46	1831,494	9860,052
MLE	U31	12,601	-14,49	5408,306	14,07	2499,096	626,334	2576,388
MAD	U33	123,12	-14,577	552,94	14,07	24391,06	6112,979	25145,42
5573	U33	19,386	165,938	0,383	72,343	-3849,03	-927,971	3959,315
5573	U38	19,431	165,404	0,383	72,343	3848,901	965,58	3968,171
5572	U33	19,386	165,938	0,383	72,343	-3849,03	-927,971	3959,315
5572	U38	19,431	165,404	0,383	72,343	3848,901	965,58	3968,171
SVIT	U38	38,856	-14,582	1751,974	14,07	7697,183	1929,093	7935,239
5574A	U33	36,409	174,952	5,184	64,535	-7412,7	-588,686	7436,035
5574A	U39	36,652	171,461	5,184	64,535	7403,779	1026,853	7474,648
5574B	U39	36,652	171,462	1,074	72,343	-7403,74	-1026,75	7474,593
5574B	U40	36,727	170,657	1,074	72,343	7402,423	1128,786	7487,992
SLU	U40	47,513	-14,742	1430,391	14,07	9396,466	2354,976	9687,078
568B	U40	11,481	-32,26	1,074	72,343	1994,029	1226,126	2340,841
568B	U41	11,217	-29,994	1,074	72,343	-1994,16	-1120,37	2287,329
568A	U41	11,217	-29,995	8,473	64,537	1994,16	1120,396	2287,348
568A	VST	9,949	-11,303	8,473	64,537	-1995,36	-376,625	2030,597
567	U33	10,579	-158,072	13,655	64,54	-1997,12	824,585	2160,654
567	VST	9,949	168,697	13,655	64,54	1995,364	376,627	2030,597
5594A	PRT	124,894	3,159	3,736	68,797	25097,32	1787,042	25160,86
5594A	U20a	124,778	3,943	3,736	68,797	-25160,5	-1604,27	25211,59
5594B	U20a	124,779	3,943	5,862	68,947	25160,57	1604,432	25211,67
5594B	U42	124,626	5,147	5,862	68,947	-25258,8	-1328,03	25293,7
KNC	U20	30,78	-14,723	2248,777	14,07	6199,614	1553,776	6391,356
V8	U20	79,499	-9,299	3,582	71,764	16320,21	2481,757	16507,83
V8	U43	79,321	-8,422	3,582	71,764	-16341,4	-2290,85	16501,21
T3	U43	109,033	-0,031	2,037	86,602	22681,73	-162,612	22682,31
T3	U44	521,464	-0,031	2,037	86,602	-22784,7	-1571,61	22838,84
K2	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K2	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
K1	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K1	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
T4	U45	520,924	0,875	0,001	83,169	22889,04	1369,907	22930

Tab.7-8d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T4	U47	16609,18	0,875	0,001	83,169	-23001,5	-2308,84	23117,1
K3	U45	2,761	-85,672	0,471	57,109	0,06	121,544	121,544
K3	U46	0,003	-58,157	0,471	57,109	-0,062	-0,12	0,135
T1	U42	124,626	5,147	1,273	87,877	25258,77	1327,92	25293,66
T1	U48	596,038	5,147	1,273	87,877	-25311,3	-2745,5	25459,79
K4	U48	298,019	5,147	2,121	57,118	12655,67	1372,774	12729,91
K4	U49	296,741	7,487	2,121	57,118	-12961,3	-1316,34	13027,97
K5	U48	298,019	5,147	2,121	57,118	12655,67	1372,774	12729,91
K5	U49	296,741	7,487	2,121	57,118	-12961,3	-1316,34	13027,97
T2	U49	591,954	9,212	0,001	85,737	25923,11	1846,659	25988,8
T2	U50	18873,89	9,212	0,001	85,737	-25979,8	-2607,74	26110,39
K6	U49	17,902	-76,752	3,063	57,128	-0,534	785,961	785,961
K6	U51	0	-106,912	3,063	57,128	0,001	-0,002	0,002
AS2	U50	18873,89	-170,788	0,024	-174,268	-25979,8	-2607,77	26110,39
AS1	U47	16609,17	-179,125	0,028	-174,268	-23001,5	-2308,82	23117,1
AS3	U20	29,856	179,347	2318,327	-180	-6199,61	0	6199,614
AS4	PRT	4,959	-172,768	13541,19	-180	-999,06	0	999,06
AS5	U19	30,543	-177,767	2214,049	-180	-6196,16	0	6196,161
BO	U52	147,049	-18,898	470,545	18,195	28998,11	9531,222	30524,33
K7	PRT	714,651	24,325	0,159	74,831	137612,3	-42318,8	143972,3
K7	U53	719,841	25,625	0,159	74,831	-137677	45521,25	145007
T5	U53	302,604	25,799	0,084	87,159	57817,31	-19312,2	60957,39
T5	U54	2894,469	25,799	0,084	87,159	-57937,1	16898,48	60351,2
T6	U53	208,62	25,5	0,106	88,915	39929,35	-13105,7	42025,15
T6	U55	1995,5	25,5	0,106	88,915	-39956,8	11654,07	41621,7
SS1	U54	2894,467	-154,201	2,401	163,74	-57937,1	16898,38	60351,16
T7	U53	208,62	25,5	0,106	88,915	39929,35	-13105,7	42025,15
T7	U55	1995,5	25,5	0,106	88,915	-39956,8	11654,07	41621,7
SS2	U55	1496,625	-154,5	4,646	163,74	-29967,6	8740,533	31216,28
SS3	U55	1496,625	-154,5	4,646	163,74	-29967,6	8740,533	31216,28
SS4	U55	997,748	-154,5	6,968	163,74	-19978,4	5827,022	20810,81
V9	U43	32,68	-159,285	3,582	71,764	-6340,22	2453,74	6798,472
V9	U56	32,256	-161,321	3,582	71,764	6336,675	-2208,74	6710,588
5597	U52	73,64	-34,637	4,628	80,297	12682,52	8533,278	15286,04
5597	U60	71,94	-32,577	4,628	80,297	-12694,9	-7957,1	14982,53
VOP	U56	75,891	-18,733	913,778	18,195	14999,13	4929,978	15788,56
526c	U56	53,954	-40,029	0,412	72,343	8662,343	7138,377	11224,64
526c	U57	53,824	-39,862	0,412	72,343	-8663,43	-7099,36	11200,71
526b	U57	53,82	-39,859	0,412	72,343	8663,16	7098,506	11199,96
526b	U58	53,691	-39,691	0,412	72,343	-8664,24	-7059,45	11176,09
526a	U58	53,697	-39,694	0,412	72,343	8664,656	7060,67	11177,18
526a	U59	53,568	-39,525	0,412	72,343	-8665,74	-7021,58	11153,36
526	U59	53,573	-39,529	0,412	72,343	8666,122	7022,817	11154,44
526	U60	53,445	-39,359	0,412	72,343	-8667,2	-6983,69	11130,69
V18	U20	78,721	176,095	0,412	72,343	-16320	-927,444	16346,37
V18	U58	78,733	175,947	0,412	72,343	16317,71	962,399	16346,07
V17	U58	78,735	175,944	0,412	72,343	-16318	-963,372	16346,44

Tab.7-8e Proudly a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
V17	U52	78,747	175,796	0,412	72,343	16315,71	998,31	16346,22
t402	U60	125,164	144,535	5,411	89,218	21361,63	14939,24	26067,23
t402	U61	37,862	144,535	5,411	89,218	-21364,8	-15170,4	26202,97
Čebín	U61	37,862	144,535	11,484	90	-21364,8	-15170	26202,74

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,97 kap:

Tab.7-10a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	396,935	-0,135	0,766	15,577	90	11298,72
OKC	118,304	-0,385	-7,549	3,905	89,501	3408,07
U9	118,001	-0,729	-7,274	16,574	75,418	803,081
A	118,297	-0,395	-7,542	4,262	87,92	3122,693
PROS	118,02	-0,732	-7,291	23,699	74,141	561,627
U14	117,64	-0,785	-6,945	10,533	73,537	1263,69
U12	118,241	-0,423	-7,492	4,512	85,965	2950,171
U13	117,817	-0,68	-7,106	8,754	75,387	1520,467
U15	118,252	-0,439	-7,502	8,756	75,383	1520,173
U16	118,298	-0,392	-7,544	4,512	85,964	2950,077
U17	118,213	-0,47	-7,466	11,778	72,575	1130,072
U18	118,164	-0,502	-7,422	14,985	70,845	888,23
U19	117,614	2,184	-6,922	11,346	78,216	1173,113
PRT	117,242	7,059	-6,584	17,123	76,5	777,296
LUT	117,251	7,056	-6,592	22,227	73,723	598,823
U21	117,445	4,312	-6,768	15,568	76,974	854,977
U23	118,129	-0,487	-7,39	4,75	85,046	2802,309
U22	118,289	-0,396	-7,535	4,032	88,939	3301,115
U24	118,114	-0,498	-7,376	4,794	84,929	2776,634
U25	118,073	-0,529	-7,339	4,869	84,67	2733,597
U26	118,15	-0,479	-7,409	4,656	85,351	2858,632
U27	118,298	-0,393	-7,543	5,349	84,781	2488,27
U28	118,273	-0,408	-7,521	4,381	87,152	3038,035
U29	117,685	-0,771	-6,987	8,21	76,253	1621,247
U30	118,273	-0,408	-7,521	4,381	87,152	3038,035
U31	118,268	-0,416	-7,516	4,478	87,107	2972,159
U32	118,25	-0,432	-7,5	4,723	86,105	2818,393
U34	118,26	-0,425	-7,509	4,636	86,436	2870,771
U35	118,277	-0,407	-7,525	4,397	87,032	3026,834
U36	118,275	-0,409	-7,523	4,417	86,943	3013,457
U33	118,141	-0,503	-7,401	4,666	85,536	2852,357
U38	118,134	-0,509	-7,395	4,853	85,02	2742,581
U39	117,969	-0,638	-7,245	8,795	75,551	1513,425
U40	117,94	-0,668	-7,218	9,451	75,32	1408,281
U41	117,955	-0,661	-7,232	10,03	75,083	1327,037
VST	118,065	-0,61	-7,332	11,817	72,97	1126,38

Tab.7-10b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U20a	117,584	7,412	-6,895	20,856	75,098	638,181
U20	119,886	-0,653	-8,988	9,399	84,723	1416,137
U42	118,107	7,968	-7,37	26,731	73,719	497,932
U43	120,107	-0,442	-9,188	9,313	83,782	1429,253
U44	25,286	3,914	-14,939	2,54	86,144	209,618
U45	25,414	4,3	-15,517	2,749	83,754	193,691
U47	0,804	6,607	-16,46	0,004	83,58	136,154
U46	25,415	4,298	-15,521	3,177	79,936	167,563
U48	24,858	11,1	-12,992	2,495	81,234	213,4
U49	25,54	13,016	-16,092	3,501	73,994	152,068
U50	0,805	14,648	-16,628	0,004	76,003	126,327
U51	25,581	12,958	-16,275	6,509	66,046	81,793
U52	119,846	-0,703	-8,951	9,173	85,36	1451,051
U53	117,241	7,153	-6,583	17,283	76,484	770,107
U54	12,156	9,319	-21,563	0,284	80,08	387,39
U55	12,158	9,028	-21,58	0,249	79,501	442,493
U56	120,113	-0,538	-9,194	7,489	86,153	1777,331
U60	120,242	-0,498	-9,311	6,08	89,366	2189,193
U57	120,146	-0,528	-9,223	7,169	86,754	1856,618
U58	120,178	-0,518	-9,253	6,827	87,472	1949,549
U59	120,21	-0,508	-9,282	6,464	88,331	2059,097
U58	119,866	-0,678	-8,969	9,297	85,018	1431,625
U61	399,564	-0,088	0,109	12,634	90	13930,93

Tab.7-11a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAR]	S [kVA]
Otrokovice	U0	130,936	106,907	14,13	90	-26382,3	-86067,1	90019,88
T401	U0	65,468	106,908	4,472	89,218	-13191,2	-43033,4	45009,78
T401	OKC	216,422	106,908	4,472	89,218	13181,72	42342,2	44346,58
T402	U0	65,468	106,908	4,472	89,218	-13191,2	-43033,4	45009,78
T402	OKC	216,422	106,908	4,472	89,218	13181,72	42342,2	44346,58
573	OKC	34,702	-179,986	0,374	71,186	-7110,57	49,515	7110,745
573	A	34,701	179,731	0,374	71,186	7110,138	-15,585	7110,155
573	U9	35,14	-9,619	12,424	71,19	7095,851	1109,932	7182,134
573	A	34,703	-0,277	12,424	71,19	-7110,45	14,685	7110,465
RYC	U9	35,792	-14,799	1903,445	14,07	7095,831	1778,379	7315,289
571	U9	3,27	-90,731	7,132	71,188	-0,03	668,42	668,42
571	PROS	0	107,428	7,132	71,188	0,006	0,017	0,018
550A	OKC	88,815	167	0,659	64,535	-17759,6	-3974,65	18198,92
550A	U12	88,878	166,821	0,659	64,535	17752,88	4019,07	18202,14
550HUN	U14	89,501	-14,856	1,805	64,535	17689,43	4433,446	18236,54
550HUN	U13	89,314	-14,371	1,805	64,535	-17708	-4313,69	18225,88
550B	U12	88,879	166,82	4,396	64,535	-17753	-4019,37	18202,35
550B	U13	89,314	165,629	4,396	64,535	17708,02	4313,628	18225,84
HUN	U14	89,501	-14,855	758,868	14,07	17689,4	4433,385	18236,5
559A	OKC	14,221	-174,966	0,659	64,535	-2900,96	275,193	2913,984

Tab.7-11b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
559A	U16	14,197	-176,114	0,659	64,535	2900,789	-217,012	2908,895
559B	U15	14,184	-3,83	4,396	64,535	2900,057	171,843	2905,144
559B	U16	14,198	3,869	4,396	64,535	-2901,2	216,168	2909,238
559C	U15	14,183	176,174	3,061	64,535	-2899,96	-171,637	2905,032
559C	U17	14,323	170,869	3,061	64,535	2899,156	441,612	2932,597
559CHR	U17	14,323	170,865	3,231	64,535	-2899,24	-441,785	2932,71
559CHR	U18	14,599	165,427	3,231	64,535	2898,373	726,458	2988,027
CHR	U18	14,599	-14,572	4673,006	14,07	2898,338	726,39	2987,977
5576	OKC	338,609	25,649	9,066	72,345	62343,8	-30452,4	69383,72
5576	U19	340,477	26,322	9,066	72,345	-63295	28364,06	69359,77
ZDO	U19	51,066	-11,886	1329,738	14,07	10090,76	2528,981	10402,85
5578	U19	353,374	23,216	16,268	72,987	67191,43	-25835,1	71987,09
5578	PRT	355,764	24,327	16,268	72,987	-68988	21445,91	72244,56
555	PRT	2,229	-82,94	5,187	64,535	0,01	452,704	452,704
555	LUT	0	-64,425	5,187	64,535	-0,022	-0,064	0,068
5577	PRT	325,898	-154,854	9,992	72,984	-62909,5	20546,62	66179,83
5577	U21	324,436	-155,599	9,992	72,984	61981,78	-22669,2	65997,21
PROST	PRT	161,235	-7,011	419,821	14,07	31759,48	7959,681	32741,73
NZAD	U21	3,037	-9,758	22324,25	14,07	599,329	150,211	617,866
5575	U21	321,927	-155,295	17,465	72,988	-61382,4	22819,41	65486,87
5575	OKC	318,974	-156,595	17,465	72,988	59806,92	-26365	65360,38
5505A	OKC	118,306	164,652	0,137	72,343	-23419,8	-6259,37	24241,82
5505A	U22	118,323	164,621	0,137	72,343	23418,04	6267,556	24242,25
5505B	U23	118,461	-15,624	1,198	64,535	23396,66	6329,467	24237,7
5505B	U22	118,326	-15,382	1,198	64,535	-23418,3	-6268,66	24242,82
OKD	U23	3,021	-14,556	22572,52	14,069	599,66	150,281	618,204
5508B	U24	115,459	164,314	0,382	72,343	-22795,6	-6188,26	23620,62
5508B	U25	115,508	164,225	0,382	72,343	22790,96	6211,689	23622,3
BAR	U25	175,83	-14,599	387,7	14,07	34879,85	8741,717	35958,61
5507	U25	60,394	-12,351	1,226	64,535	12088,98	2530,371	12350,96
5507	U26	60,287	-11,857	1,226	64,535	-12094,7	-2433,87	12337,2
BHN	U26	69,984	-14,549	974,703	14,07	13892,04	3481,667	14321,69
5506	U26	130,235	-13,303	1,102	64,535	25986,77	5915,52	26651,56
5506	OKC	130,13	-13,098	1,102	64,535	-26010,9	-5868,31	26664,63
5508A	U24	115,464	-15,689	0,137	72,343	22796,11	6189,885	23621,54
5508A	U23	115,446	-15,657	0,137	72,343	-22797,8	-6181,48	23620,95
5518	OKC	3,466	-170,444	2,983	72,343	-699,593	122,615	710,257
5518	U27	3,52	165,548	2,983	72,343	699,561	175,193	721,164
5519	OKC	3,466	-170,444	2,983	72,343	-699,593	122,615	710,257
5519	U27	3,52	165,548	2,983	72,343	699,561	175,193	721,164
FA	U27	7,04	-14,463	9701,518	14,07	1399,215	350,68	1442,491
5516	OKC	64,354	168,529	0,52	68,797	-12940,7	-2535,62	13186,75
5516	U28	64,401	168,318	0,52	68,797	12938,33	2579,178	13192,9
5516A	U28	64,4	168,32	8,472	64,537	-12938,1	-2578,73	13192,63
5516A	U29	65,204	165,159	8,472	64,537	12892,28	3231,061	13291
5517	OKC	64,354	168,529	0,52	68,797	-12940,7	-2535,62	13186,75
5517	U30	64,401	168,318	0,52	68,797	12938,33	2579,178	13192,9

Tab.7-11c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5517A	U30	64,4	168,32	8,472	64,537	-12938,1	-2578,73	13192,63
5517A	U29	65,204	165,159	8,472	64,537	12892,28	3231,061	13291
UHD	U29	130,408	-14,841	521,023	14,07	25784,61	6462,234	26582,07
5504	OKC	60,578	168,705	0,713	72,343	-12188,5	-2349,44	12412,91
5504	U31	60,645	168,383	0,713	72,343	12186,16	2413,125	12422,79
5503A	OKC	54,35	169,679	1,001	72,343	-10969,6	-1921,74	11136,69
5503A	U34	54,436	169,173	1,001	72,343	10966,93	2013,204	11150,19
5502a	OKC	51,031	171,54	0,606	68,797	-10353	-1468,97	10456,74
5502a	U35	51,072	171,226	0,606	68,797	10351,33	1522,405	10462,68
5501A	OKC	51,871	171,393	0,637	68,797	-10519,5	-1520,08	10628,76
5501A	U36	51,914	171,069	0,637	68,797	10517,64	1576,019	10635,06
5501B	U36	51,915	171,067	2,63	64,535	-10517,8	-1576,42	10635,27
5501B	U33	52,095	169,827	2,63	64,535	10508,62	1790,476	10660,06
5502B	U35	51,07	171,229	2,715	64,422	-10351,1	-1521,91	10462,39
5502B	U33	51,246	169,976	2,715	64,422	10341,91	1734,462	10486,34
5503B	U34	54,436	169,173	2,122	64,535	-10966,9	-2013,19	11150,16
5503B	U33	54,609	168,224	2,122	64,535	10958,77	2184,292	11174,34
5509B	U32	48,129	168,881	2,19	64,535	-9686,58	-1828,05	9857,564
5509B	U33	48,313	167,775	2,19	64,535	9680,011	2008,473	9886,181
5509A	U31	48,089	169,135	0,443	72,343	-9687,41	-1786,4	9850,741
5509A	U32	48,128	168,883	0,443	72,343	9686,475	1827,675	9857,393
MLE	U31	12,575	-14,486	5430,151	14,07	2498,575	626,201	2575,85
MAD	U33	122,859	-14,573	555,179	14,07	24385,97	6111,695	25140,18
5573	U33	19,345	165,942	0,383	72,343	-3848,31	-927,777	3958,571
5573	U38	19,39	165,406	0,383	72,343	3848,183	965,533	3967,464
5572	U33	19,345	165,942	0,383	72,343	-3848,31	-927,777	3958,571
5572	U38	19,39	165,406	0,383	72,343	3848,183	965,533	3967,464
SVIT	U38	38,773	-14,578	1759,069	14,07	7695,575	1928,692	7933,582
5574A	U33	36,33	174,997	5,184	64,535	-7411,15	-583,179	7434,061
5574A	U39	36,572	171,492	5,184	64,535	7402,271	1023,185	7472,652
5574B	U39	36,57	171,497	1,074	72,343	-7401,98	-1022,39	7472,253
5574B	U40	36,645	170,689	1,074	72,343	7400,669	1124,853	7485,666
SLU	U40	47,411	-14,738	1436,21	14,07	9394,484	2354,484	9685,036
568B	U40	11,463	-32,312	1,074	72,343	1993,409	1228,47	2341,542
568B	U41	11,198	-30,04	1,074	72,343	-1993,54	-1122,3	2287,736
568A	U41	11,2	-30,049	8,473	64,537	1993,732	1122,838	2288,172
568A	VST	9,927	-11,289	8,473	64,537	-1994,93	-376,182	2030,09
567	U33	10,567	-157,937	13,655	64,54	-1996,65	829,746	2162,193
567	VST	9,927	168,713	13,655	64,54	1994,898	376,113	2030,044
5594A	PRT	123,973	2,77	3,736	68,797	25104,67	1882,468	25175,15
5594A	U20a	123,851	3,567	3,736	68,797	-25166,9	-1691,75	25223,72
5594B	U20a	123,851	3,567	5,862	68,947	25166,92	1691,749	25223,72
5594B	U42	123,689	4,789	5,862	68,947	-25263,7	-1403,06	25302,64
KNC	U20	30,78	-14,723	2248,777	14,07	6199,614	1553,776	6391,356
V8	U20	79,499	-9,299	3,582	71,764	16320,21	2481,757	16507,83
V8	U43	79,321	-8,422	3,582	71,764	-16341,4	-2290,85	16501,21
T3	U43	109,033	-0,031	2,037	86,602	22681,73	-162,612	22682,31

Tab.7-11d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T3	U44	521,464	-0,031	2,037	86,602	-22784,7	-1571,61	22838,84
K2	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K2	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
K1	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K1	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
T4	U45	520,924	0,875	0,001	83,169	22889,04	1369,907	22930
T4	U47	16609,18	0,875	0,001	83,169	-23001,5	-2308,84	23117,1
K3	U45	2,761	-85,672	0,471	57,109	0,06	121,544	121,544
K3	U46	0,003	-58,157	0,471	57,109	-0,062	-0,12	0,135
T1	U42	123,689	4,789	1,273	87,877	25263,72	1403,098	25302,65
T1	U48	591,556	4,789	1,273	87,877	-25315,5	-2799,44	25469,8
K4	U48	295,778	4,789	2,121	57,118	12657,74	1399,719	12734,9
K4	U49	294,472	7,166	2,121	57,118	-12958,7	-1327,87	13026,6
K5	U48	295,778	4,789	2,121	57,118	12657,74	1399,719	12734,9
K5	U49	294,472	7,166	2,121	57,118	-12958,7	-1327,87	13026,6
T2	U49	587,392	8,916	0,001	85,737	25918,03	1857,791	25984,53
T2	U50	18728,44	8,916	0,001	85,737	-25973,9	-2607,19	26104,42
K6	U49	18,038	-77,023	3,063	57,128	-0,541	797,952	797,952
K6	U51	0	56,104	3,063	57,128	-0,001	0,001	0,001
AS2	U50	18728,43	-171,084	0,025	-174,268	-25973,9	-2607,18	26104,41
AS1	U47	16609,17	-179,125	0,028	-174,268	-23001,5	-2308,82	23117,1
AS3	U20	29,856	179,347	2318,327	-180	-6199,61	0	6199,614
AS4	PRT	4,918	-172,941	13763,14	-180	-998,73	0	998,73
AS5	U19	30,407	-177,816	2233,181	-180	-6194,33	0	6194,332
BO	U52	147,049	-18,898	470,545	18,195	28998,11	9531,222	30524,33
K7	PRT	700,65	21,868	0,159	74,831	137553,8	-36368,3	142280,3
K7	U53	705,232	23,221	0,159	74,831	-137616	39635,54	143209,7
T5	U53	296,426	23,389	0,084	87,159	57793,93	-16829,5	60194,44
T5	U54	2835,379	23,389	0,084	87,159	-57908,9	14513,29	59699,87
T6	U53	204,404	23,098	0,106	88,915	39910,71	-11402,9	41507,72
T6	U55	1955,166	23,098	0,106	88,915	-39937,1	10009,3	41172,3
SS1	U54	2835,38	-156,611	2,475	165,93	-57908,9	14513,36	59699,9
T7	U53	204,404	23,098	0,106	88,915	39910,71	-11402,9	41507,72
T7	U55	1955,166	23,098	0,106	88,915	-39937,1	10009,3	41172,3
SS2	U55	1466,376	-156,902	4,787	165,93	-29952,9	7506,991	30879,27
SS3	U55	1466,376	-156,902	4,787	165,93	-29952,9	7506,991	30879,27
SS4	U55	977,579	-156,902	7,18	165,93	-19968,5	5004,611	20586,07
V9	U43	32,68	-159,285	3,582	71,764	-6340,22	2453,74	6798,472
V9	U56	32,256	-161,321	3,582	71,764	6336,675	-2208,74	6710,588
5597	U52	73,64	-34,637	4,628	80,297	12682,52	8533,278	15286,04
5597	U60	71,94	-32,577	4,628	80,297	-12694,9	-7957,1	14982,53
VOP	U56	75,891	-18,733	913,778	18,195	14999,13	4929,978	15788,56
526c	U56	53,954	-40,029	0,412	72,343	8662,343	7138,377	11224,64
526c	U57	53,824	-39,862	0,412	72,343	-8663,43	-7099,36	11200,71
526b	U57	53,82	-39,859	0,412	72,343	8663,16	7098,506	11199,96
526b	U58	53,691	-39,691	0,412	72,343	-8664,24	-7059,45	11176,09
526a	U58	53,697	-39,694	0,412	72,343	8664,656	7060,67	11177,18

Tab.7-11e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
526a	U59	53,568	-39,525	0,412	72,343	-8665,74	-7021,58	11153,36
526	U59	53,573	-39,529	0,412	72,343	8666,122	7022,817	11154,44
526	U60	53,445	-39,359	0,412	72,343	-8667,2	-6983,69	11130,69
V18	U20	78,721	176,095	0,412	72,343	-16320	-927,444	16346,37
V18	U58	78,733	175,947	0,412	72,343	16317,71	962,399	16346,07
V17	U58	78,735	175,944	0,412	72,343	-16318	-963,372	16346,44
V17	U52	78,747	175,796	0,412	72,343	16315,71	998,31	16346,22
t402	U60	125,164	144,535	5,411	89,218	21361,63	14939,24	26067,23
t402	U61	37,862	144,535	5,411	89,218	-21364,8	-15170,4	26202,97
Čebín	U61	37,862	144,535	11,484	90	-21364,8	-15170	26202,74

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,98 kap:

Tab.7-13a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	397,226	-0,133	0,694	15,577	90	11298,72
OKC	118,559	-0,381	-7,781	3,905	89,501	3408,07
U9	118,258	-0,724	-7,507	16,574	75,418	803,081
A	118,552	-0,392	-7,774	4,262	87,92	3122,693
PROS	118,277	-0,727	-7,524	23,699	74,141	561,627
U14	117,897	-0,78	-7,179	10,533	73,537	1263,69
U12	118,496	-0,42	-7,724	4,512	85,965	2950,171
U13	118,073	-0,676	-7,339	8,754	75,387	1520,467
U15	118,508	-0,436	-7,734	8,756	75,383	1520,173
U16	118,553	-0,389	-7,776	4,512	85,964	2950,077
U17	118,468	-0,467	-7,699	11,778	72,575	1130,072
U18	118,42	-0,498	-7,655	14,985	70,845	888,23
U19	118,165	2,128	-7,423	11,346	78,216	1173,113
PRT	118,293	6,864	-7,539	17,123	76,5	777,296
LUT	118,302	6,862	-7,547	22,227	73,723	598,823
U21	118,218	4,201	-7,471	15,568	76,974	854,977
U23	118,384	-0,483	-7,622	4,75	85,046	2802,309
U22	118,544	-0,393	-7,767	4,032	88,939	3301,115
U24	118,37	-0,494	-7,609	4,794	84,929	2776,634
U25	118,328	-0,525	-7,571	4,869	84,67	2733,597
U26	118,405	-0,476	-7,641	4,656	85,351	2858,632
U27	118,553	-0,389	-7,775	5,349	84,781	2488,27
U28	118,528	-0,405	-7,753	4,381	87,152	3038,035
U29	117,942	-0,766	-7,22	8,21	76,253	1621,247
U30	118,528	-0,405	-7,753	4,381	87,152	3038,035
U31	118,523	-0,413	-7,748	4,478	87,107	2972,159
U32	118,506	-0,429	-7,732	4,723	86,105	2818,393
U34	118,515	-0,422	-7,741	4,636	86,436	2870,771
U35	118,533	-0,404	-7,757	4,397	87,032	3026,834
U36	118,531	-0,405	-7,755	4,417	86,943	3013,457

Tab.7-13b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U33	118,397	-0,5	-7,633	4,666	85,536	2852,357
U38	118,39	-0,505	-7,627	4,853	85,02	2742,581
U39	118,226	-0,634	-7,478	8,795	75,551	1513,425
U40	118,196	-0,664	-7,451	9,451	75,32	1408,281
U41	118,212	-0,657	-7,465	10,03	75,083	1327,037
VST	118,322	-0,606	-7,565	11,817	72,97	1126,38
U20a	118,635	7,211	-7,85	20,856	75,098	638,181
U20	119,886	-0,653	-8,988	9,399	84,723	1416,137
U42	119,157	7,756	-8,325	26,731	73,719	497,932
U43	120,107	-0,442	-9,188	9,313	83,782	1429,253
U44	25,286	3,914	-14,939	2,54	86,144	209,618
U45	25,414	4,3	-15,517	2,749	83,754	193,691
U47	0,804	6,607	-16,46	0,004	83,58	136,154
U46	25,415	4,298	-15,521	3,177	79,936	167,563
U48	25,08	10,833	-14,001	2,495	81,234	213,4
U49	25,758	12,715	-17,082	3,501	73,994	152,068
U50	0,812	14,319	-17,614	0,004	76,003	126,327
U51	25,799	12,656	-17,266	6,509	66,046	81,793
U52	119,846	-0,703	-8,951	9,173	85,36	1451,051
U53	118,301	6,956	-7,546	17,283	76,484	770,107
U54	12,29	9,072	-22,9	0,284	80,08	387,39
U55	12,289	8,791	-22,888	0,249	79,501	442,493
U56	120,113	-0,538	-9,194	7,489	86,153	1777,331
U60	120,242	-0,498	-9,311	6,08	89,366	2189,193
U57	120,146	-0,528	-9,223	7,169	86,754	1856,618
U58	120,178	-0,518	-9,253	6,827	87,472	1949,549
U59	120,21	-0,508	-9,282	6,464	88,331	2059,097
U58	119,866	-0,678	-8,969	9,297	85,018	1431,625
U61	399,564	-0,088	0,109	12,634	90	13930,93

Tab.7-14a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAR]	S [kVA]
Otrokovice	U0	119,518	108,409	14,13	90	-26149	-77961,5	82229,92
T401	U0	59,758	108,409	4,472	89,218	-13074,5	-38980,5	41114,76
T401	OKC	197,549	108,409	4,472	89,218	13066,66	38404,62	40566,64
T402	U0	59,758	108,409	4,472	89,218	-13074,5	-38980,5	41114,76
T402	OKC	197,549	108,409	4,472	89,218	13066,66	38404,62	40566,64
573	OKC	34,618	-179,912	0,374	71,186	-7108,58	58,22	7108,816
573	A	34,617	179,803	0,374	71,186	7108,145	-24,132	7108,186
573	U9	35,052	-9,59	12,424	71,19	7093,883	1106,522	7179,664
573	A	34,618	-0,203	12,424	71,19	-7108,41	23,371	7108,447
RYC	U9	35,704	-14,794	1912,258	14,07	7093,867	1777,89	7313,265
571	U9	3,277	-90,729	7,132	71,188	-0,057	671,255	671,255
571	PROS	0	108,688	7,132	71,188	0,032	0,091	0,097
550A	OKC	88,592	167,015	0,659	64,535	-17754,1	-3969,57	18192,43
550A	U12	88,655	166,835	0,659	64,535	17747,39	4014,315	18195,73

Tab.7-14b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
550HUN	U14	89,28	-14,85	1,805	64,535	17684,41	4432,056	18231,33
550HUN	U13	89,093	-14,363	1,805	64,535	-17702,9	-4311,42	18220,38
550B	U12	88,658	166,833	4,396	64,535	-17747,8	-4015,14	18196,3
550B	U13	89,094	165,636	4,396	64,535	17703	4311,558	18220,47
HUN	U14	89,281	-14,85	762,4	14,07	17684,45	4432,137	18231,39
559A	OKC	14,189	-174,872	0,659	64,535	-2900,18	279,71	2913,637
559A	U16	14,164	-176,025	0,659	64,535	2900,009	-221,275	2908,438
559B	U15	14,148	-3,774	4,396	64,535	2899,211	169,128	2904,14
559B	U16	14,165	3,961	4,396	64,535	-2900,34	220,582	2908,72
559C	U15	14,149	176,224	3,061	64,535	-2899,24	-169,184	2904,171
559C	U17	14,287	170,895	3,061	64,535	2898,442	440,342	2931,701
559CHR	U17	14,287	170,896	3,231	64,535	-2898,41	-440,28	2931,662
559CHR	U18	14,564	165,432	3,231	64,535	2897,546	726,202	2987,163
CHR	U18	14,564	-14,568	4694,534	14,07	2897,544	726,2	2987,16
5576	OKC	330,159	22,522	9,066	72,345	62452,98	-26385,8	67798,1
5576	U19	331,815	23,232	9,066	72,345	-63356,8	24452,25	67911,73
ZDO	U19	50,811	-11,942	1342,676	14,07	10087,34	2528,13	10399,32
5578	U19	345,611	20,184	16,268	72,987	67251,98	-21924,1	70735,37
5578	PRT	347,666	21,347	16,268	72,987	-68969,1	17814,93	71232,78
555	PRT	2,249	-83,134	5,187	64,535	0,021	460,855	460,855
555	LUT	0	-56,861	5,187	64,535	-0,032	-0,066	0,073
5577	PRT	318,137	-157,836	9,992	72,984	-62872,4	17200,55	65182,77
5577	U21	316,877	-158,616	9,992	72,984	61987,83	-19167,8	64883,7
PROST	PRT	159,757	-7,206	427,5	14,07	31750,5	7957,435	32732,47
NZAD	U21	3,016	-9,869	22626,79	14,071	599,123	150,162	617,654
5575	U21	314,302	-158,331	17,465	72,988	-61388,7	19317,94	64356,47
5575	OKC	311,725	-159,694	17,465	72,988	59885,47	-22613,2	64012,71
5505A	OKC	118,022	164,653	0,137	72,343	-23413,9	-6258,52	24235,89
5505A	U22	118,04	164,622	0,137	72,343	23412,14	6266,794	24236,35
5505B	U23	118,172	-15,62	1,198	64,535	23390,25	6327,379	24230,96
5505B	U22	118,037	-15,376	1,198	64,535	-23411,8	-6265,89	24235,8
OKD	U23	3,014	-14,553	22676,67	14,07	599,489	150,249	618,031
5508B	U24	115,174	164,322	0,382	72,343	-22788,9	-6184,9	23613,28
5508B	U25	115,223	164,232	0,382	72,343	22784,29	6208,559	23615,04
BAR	U25	175,402	-14,595	389,488	14,07	34870,29	8739,32	35948,75
5507	U25	60,246	-12,347	1,226	64,535	12085,56	2529,569	12347,45
5507	U26	60,139	-11,851	1,226	64,535	-12091,3	-2432,54	12333,55
BHN	U26	69,814	-14,545	979,192	14,07	13888,24	3480,72	14317,77
5506	U26	129,918	-13,299	1,102	64,535	25979,69	5913,572	26644,23
5506	OKC	129,813	-13,093	1,102	64,535	-26003,7	-5865,69	26657,03
5508A	U24	115,186	-15,687	0,137	72,343	22790,28	6188,862	23615,64
5508A	U23	115,168	-15,655	0,137	72,343	-22791,9	-6180,37	23615,02
5518	OKC	3,459	-170,339	2,983	72,343	-699,427	123,861	710,309
5518	U27	3,511	165,545	2,983	72,343	699,395	175,234	721,013
5519	OKC	3,459	-170,339	2,983	72,343	-699,427	123,861	710,309
5519	U27	3,511	165,545	2,983	72,343	699,395	175,234	721,013
FA	U27	7,023	-14,459	9746,15	14,07	1398,823	350,58	1442,086

Tab.7-14c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5516	OKC	64,193	168,551	0,52	68,797	-12936,8	-2530,57	13181,94
5516	U28	64,24	168,338	0,52	68,797	12934,43	2574,364	13188,14
5516A	U28	64,239	168,34	8,472	64,537	-12934,3	-2574,09	13187,97
5516A	U29	65,044	165,164	8,472	64,537	12888,67	3230,154	13287,27
5517	OKC	64,193	168,551	0,52	68,797	-12936,8	-2530,57	13181,94
5517	U30	64,24	168,338	0,52	68,797	12934,43	2574,364	13188,14
5517A	U30	64,239	168,34	8,472	64,537	-12934,3	-2574,09	13187,97
5517A	U29	65,044	165,164	8,472	64,537	12888,67	3230,154	13287,27
UHD	U29	130,088	-14,836	523,446	14,07	25777,39	6460,43	26574,63
5504	OKC	60,426	168,73	0,713	72,343	-12185,1	-2343,92	12408,52
5504	U31	60,493	168,406	0,713	72,343	12182,76	2407,95	12418,45
5503A	OKC	54,214	169,706	1,001	72,343	-10966,6	-1916,5	11132,85
5503A	U34	54,3	169,198	1,001	72,343	10963,97	2008,431	11146,41
5502a	OKC	50,903	171,568	0,606	68,797	-10350	-1463,89	10453,02
5502a	U35	50,944	171,253	0,606	68,797	10348,3	1517,59	10458,99
5501A	OKC	51,74	171,423	0,637	68,797	-10516,3	-1514,7	10624,87
5501A	U36	51,783	171,097	0,637	68,797	10514,49	1570,925	10631,2
5501B	U36	51,786	171,093	2,63	64,535	-10514,8	-1571,72	10631,63
5501B	U33	51,966	169,848	2,63	64,535	10505,68	1786,876	10656,56
5502B	U35	50,943	171,255	2,715	64,422	-10348,1	-1517,22	10458,77
5502B	U33	51,119	169,997	2,715	64,422	10338,98	1730,876	10482,87
5503B	U34	54,3	169,199	2,122	64,535	-10963,9	-2008,25	11146,28
5503B	U33	54,472	168,245	2,122	64,535	10955,77	2180,249	11170,61
5509B	U32	48,009	168,907	2,19	64,535	-9683,97	-1823,58	9854,176
5509B	U33	48,193	167,796	2,19	64,535	9677,438	2004,919	9882,94
5509A	U31	47,968	169,163	0,443	72,343	-9684,76	-1781,67	9847,277
5509A	U32	48,008	168,909	0,443	72,343	9683,829	1823,156	9853,956
MLE	U31	12,544	-14,483	5455,089	14,07	2497,902	626,028	2575,155
MAD	U33	122,56	-14,569	557,737	14,07	24379,31	6110,025	25133,31
5573	U33	19,294	165,966	0,383	72,343	-3846,78	-925,95	3956,657
5573	U38	19,339	165,428	0,383	72,343	3846,654	963,873	3965,577
5572	U33	19,294	165,966	0,383	72,343	-3846,78	-925,95	3956,657
5572	U38	19,339	165,428	0,383	72,343	3846,654	963,873	3965,577
SVIT	U38	38,679	-14,575	1767,177	14,07	7693,465	1928,153	7931,404
5574A	U33	36,239	175,049	5,184	64,535	-7409,07	-576,776	7431,49
5574A	U39	36,48	171,527	5,184	64,535	7400,238	1018,866	7470,048
5574B	U39	36,48	171,527	1,074	72,343	-7400,21	-1018,84	7470,017
5574B	U40	36,554	170,715	1,074	72,343	7398,908	1121,789	7483,465
SLU	U40	47,295	-14,734	1442,862	14,07	9391,878	2353,821	9682,347
568B	U40	11,445	-32,389	1,074	72,343	1992,982	1232,095	2343,082
568B	U41	11,179	-30,109	1,074	72,343	-1993,11	-1125,46	2288,916
568A	U41	11,179	-30,11	8,473	64,537	1993,137	1125,513	2288,968
568A	VST	9,902	-11,271	8,473	64,537	-1994,33	-375,588	2029,39
567	U33	10,552	-157,785	13,655	64,54	-1996,06	835,564	2163,888
567	VST	9,902	168,73	13,655	64,54	1994,315	375,558	2029,369
5594A	PRT	122,963	2,336	3,736	68,797	25115,13	1988,845	25193,75
5594A	U20a	122,833	3,146	3,736	68,797	-25176,4	-1789,2	25239,86

Tab.7-14d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5594B	U20a	122,832	3,146	5,862	68,947	25176,36	1789,126	25239,85
5594B	U42	122,659	4,39	5,862	68,947	-25271,5	-1486,62	25315,23
KNC	U20	30,78	-14,723	2248,777	14,07	6199,614	1553,776	6391,356
V8	U20	79,499	-9,299	3,582	71,764	16320,21	2481,757	16507,83
V8	U43	79,321	-8,422	3,582	71,764	-16341,4	-2290,85	16501,21
T3	U43	109,033	-0,031	2,037	86,602	22681,73	-162,612	22682,31
T3	U44	521,464	-0,031	2,037	86,602	-22784,7	-1571,61	22838,84
K2	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K2	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
K1	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K1	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
T4	U45	520,924	0,875	0,001	83,169	22889,04	1369,907	22930
T4	U47	16609,18	0,875	0,001	83,169	-23001,5	-2308,84	23117,1
K3	U45	2,761	-85,672	0,471	57,109	0,06	121,544	121,544
K3	U46	0,003	-58,157	0,471	57,109	-0,062	-0,12	0,135
T1	U42	122,659	4,39	1,273	87,877	25271,55	1486,64	25315,23
T1	U48	586,632	4,39	1,273	87,877	-25322,5	-2859,84	25483,43
K4	U48	293,316	4,39	2,121	57,118	12661,23	1429,941	12741,72
K4	U49	291,979	6,806	2,121	57,118	-12957,2	-1340,89	13026,39
K5	U48	293,316	4,39	2,121	57,118	12661,23	1429,941	12741,72
K5	U49	291,979	6,806	2,121	57,118	-12957,2	-1340,89	13026,39
T2	U49	582,378	8,587	0,001	85,737	25914,95	1870,075	25982,33
T2	U50	18568,57	8,587	0,001	85,737	-25969,9	-2606,73	26100,35
K6	U49	18,192	-77,324	3,063	57,128	-0,552	811,611	811,612
K6	U51	0	117,626	3,063	57,128	0,001	0,003	0,003
AS2	U50	18568,57	-171,413	0,025	-174,268	-25969,8	-2606,77	26100,35
AS1	U47	16609,17	-179,125	0,028	-174,268	-23001,5	-2308,82	23117,1
AS3	U20	29,856	179,347	2318,327	-180	-6199,61	0	6199,614
AS4	PRT	4,873	-173,136	14015,01	-180	-998,439	0	998,439
AS5	U19	30,255	-177,872	2254,909	-180	-6192,23	0	6192,23
BO	U52	147,049	-18,898	470,545	18,195	28998,11	9531,222	30524,33
K7	PRT	686,272	18,978	0,159	74,831	137478,4	-29508,1	140609,5
K7	U53	690,112	20,388	0,159	74,831	-137538	32847,95	141405,7
T5	U53	290,031	20,551	0,084	87,159	57763,01	-13968,9	59428,07
T5	U54	2774,209	20,551	0,084	87,159	-57873,1	11751,55	59054,13
T6	U53	200,041	20,27	0,106	88,915	39887,28	-9439,27	40988,96
T6	U55	1913,439	20,27	0,106	88,915	-39912,6	8104,558	40727,09
SS1	U54	2774,21	-159,449	2,558	168,522	-57873,1	11751,61	59054,16
T7	U53	200,041	20,27	0,106	88,915	39887,28	-9439,27	40988,96
T7	U55	1913,439	20,27	0,106	88,915	-39912,6	8104,558	40727,09
SS2	U55	1435,079	-159,73	4,944	168,522	-29934,4	6078,457	30545,31
SS3	U55	1435,079	-159,73	4,944	168,522	-29934,4	6078,457	30545,31
SS4	U55	956,721	-159,73	7,416	168,522	-19956,3	4052,304	20363,59
V9	U43	32,68	-159,285	3,582	71,764	-6340,22	2453,74	6798,472
V9	U56	32,256	-161,321	3,582	71,764	6336,675	-2208,74	6710,588
5597	U52	73,64	-34,637	4,628	80,297	12682,52	8533,278	15286,04
5597	U60	71,94	-32,577	4,628	80,297	-12694,9	-7957,1	14982,53

Tab.7-14e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
VOP	U56	75,891	-18,733	913,778	18,195	14999,13	4929,978	15788,56
526c	U56	53,954	-40,029	0,412	72,343	8662,343	7138,377	11224,64
526c	U57	53,824	-39,862	0,412	72,343	-8663,43	-7099,36	11200,71
526b	U57	53,82	-39,859	0,412	72,343	8663,16	7098,506	11199,96
526b	U58	53,691	-39,691	0,412	72,343	-8664,24	-7059,45	11176,09
526a	U58	53,697	-39,694	0,412	72,343	8664,656	7060,67	11177,18
526a	U59	53,568	-39,525	0,412	72,343	-8665,74	-7021,58	11153,36
526	U59	53,573	-39,529	0,412	72,343	8666,122	7022,817	11154,44
526	U60	53,445	-39,359	0,412	72,343	-8667,2	-6983,69	11130,69
V18	U20	78,721	176,095	0,412	72,343	-16320	-927,444	16346,37
V18	U58	78,733	175,947	0,412	72,343	16317,71	962,399	16346,07
V17	U58	78,735	175,944	0,412	72,343	-16318	-963,372	16346,44
V17	U52	78,747	175,796	0,412	72,343	16315,71	998,31	16346,22
t402	U60	125,164	144,535	5,411	89,218	21361,63	14939,24	26067,23
t402	U61	37,862	144,535	5,411	89,218	-21364,8	-15170,4	26202,97
Čebín	U61	37,862	144,535	11,484	90	-21364,8	-15170	26202,74

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,99 kap:

Tab.7-16a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	397,586	-0,132	0,604	15,577	90	11298,72
OKC	118,875	-0,379	-8,068	3,905	89,501	3408,07
U9	118,575	-0,719	-7,796	16,574	75,418	803,081
A	118,868	-0,389	-8,062	4,262	87,92	3122,693
PROS	118,594	-0,723	-7,813	23,699	74,141	561,627
U14	118,215	-0,775	-7,468	10,533	73,537	1263,69
U12	118,813	-0,417	-8,011	4,512	85,965	2950,171
U13	118,391	-0,671	-7,628	8,754	75,387	1520,467
U15	118,824	-0,433	-8,022	8,756	75,383	1520,173
U16	118,869	-0,386	-8,063	4,512	85,964	2950,077
U17	118,785	-0,464	-7,986	11,778	72,575	1130,072
U18	118,737	-0,495	-7,943	14,985	70,845	888,23
U19	118,846	2,056	-8,042	11,346	78,216	1173,113
PRT	119,592	6,622	-8,72	17,123	76,5	777,296
LUT	119,601	6,62	-8,728	22,227	73,723	598,823
U21	119,173	4,062	-8,339	15,568	76,974	854,977
U23	118,701	-0,479	-7,91	4,75	85,046	2802,309
U22	118,86	-0,39	-8,054	4,032	88,939	3301,115
U24	118,686	-0,491	-7,897	4,794	84,929	2776,634
U25	118,645	-0,521	-7,859	4,869	84,67	2733,597
U26	118,722	-0,472	-7,929	4,656	85,351	2858,632
U27	118,869	-0,387	-8,063	5,349	84,781	2488,27
U28	118,844	-0,402	-8,04	4,381	87,152	3038,035
U29	118,26	-0,761	-7,509	8,21	76,253	1621,247

Tab.7-16b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U30	118,844	-0,402	-8,04	4,381	87,152	3038,035
U31	118,839	-0,41	-8,036	4,478	87,107	2972,159
U32	118,822	-0,426	-8,02	4,723	86,105	2818,393
U34	118,831	-0,419	-8,028	4,636	86,436	2870,771
U35	118,849	-0,401	-8,044	4,397	87,032	3026,834
U36	118,847	-0,402	-8,043	4,417	86,943	3013,457
U33	118,713	-0,496	-7,921	4,666	85,536	2852,357
U38	118,707	-0,501	-7,915	4,853	85,02	2742,581
U39	118,543	-0,63	-7,766	8,795	75,551	1513,425
U40	118,513	-0,659	-7,74	9,451	75,32	1408,281
U41	118,529	-0,653	-7,754	10,03	75,083	1327,037
VST	118,639	-0,602	-7,854	11,817	72,97	1126,38
U20a	119,934	6,962	-9,031	20,856	75,098	638,181
U20	119,886	-0,653	-8,988	9,399	84,723	1416,137
U42	120,456	7,495	-9,505	26,731	73,719	497,932
U43	120,107	-0,442	-9,188	9,313	83,782	1429,253
U44	25,286	3,914	-14,939	2,54	86,144	209,618
U45	25,414	4,3	-15,517	2,749	83,754	193,691
U47	0,804	6,607	-16,46	0,004	83,58	136,154
U46	25,415	4,298	-15,521	3,177	79,936	167,563
U48	25,355	10,507	-15,248	2,495	81,234	213,4
U49	26,027	12,347	-18,306	3,501	73,994	152,068
U50	0,82	13,919	-18,833	0,004	76,003	126,327
U51	26,068	12,289	-18,492	6,509	66,046	81,793
U52	119,846	-0,703	-8,951	9,173	85,36	1451,051
U53	119,61	6,711	-8,737	17,283	76,484	770,107
U54	12,455	8,768	-24,553	0,284	80,08	387,39
U55	12,451	8,499	-24,506	0,249	79,501	442,493
U56	120,113	-0,538	-9,194	7,489	86,153	1777,331
U60	120,242	-0,498	-9,311	6,08	89,366	2189,193
U57	120,146	-0,528	-9,223	7,169	86,754	1856,618
U58	120,178	-0,518	-9,253	6,827	87,472	1949,549
U59	120,21	-0,508	-9,282	6,464	88,331	2059,097
U58	119,866	-0,678	-8,969	9,297	85,018	1431,625
U61	399,564	-0,088	0,109	12,634	90	13930,93

Tab.7-17a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
Otrokovice	U0	105,559	110,772	14,13	90	-25937,2	-67907,1	72691,94
T401	U0	52,78	110,772	4,472	89,218	-12968,6	-33953,8	36346,23
T401	OKC	174,479	110,772	4,472	89,218	12962,47	33504,61	35924,7
T402	U0	52,78	110,772	4,472	89,218	-12968,6	-33953,8	36346,23
T402	OKC	174,479	110,772	4,472	89,218	12962,47	33504,61	35924,7
573	OKC	34,51	-179,811	0,374	71,186	-7105,22	70,355	7105,567
573	A	34,509	179,902	0,374	71,186	7104,787	-36,069	7104,879
573	U9	34,941	-9,555	12,424	71,19	7091,007	1102,227	7176,161

Tab.7-17b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
573	A	34,512	-0,113	12,424	71,19	-7105,44	34,217	7105,525
RYC	U9	35,594	-14,789	1923,329	14,07	7090,973	1777,159	7310,28
571	U9	3,287	-90,721	7,132	71,188	-0,014	674,988	674,988
571	PROS	0	-70,693	7,132	71,188	-0,011	-0,03	0,032
550A	OKC	88,316	167,03	0,659	64,535	-17746,6	-3964,12	18183,95
550A	U12	88,379	166,848	0,659	64,535	17739,97	4009,267	18187,38
550HUN	U14	89,004	-14,845	1,805	64,535	17677,17	4430,326	18223,89
550HUN	U13	88,816	-14,356	1,805	64,535	-17695,6	-4308,59	18212,56
550B	U12	88,379	166,848	4,396	64,535	-17740,1	-4009,51	18187,55
550B	U13	88,816	165,644	4,396	64,535	17695,58	4308,601	18212,56
HUN	U14	89,004	-14,845	766,835	14,07	17677,16	4430,319	18223,88
559A	OKC	14,148	-174,762	0,659	64,535	-2899,15	285,094	2913,135
559A	U16	14,123	-175,921	0,659	64,535	2898,981	-226,343	2907,803
559B	U15	14,104	-3,708	4,396	64,535	2898,044	165,863	2902,786
559B	U16	14,124	4,071	4,396	64,535	-2899,17	225,956	2907,962
559C	U15	14,104	176,294	3,061	64,535	-2897,99	-165,755	2902,726
559C	U17	14,242	170,932	3,061	64,535	2897,197	438,382	2930,176
559CHR	U17	14,242	170,934	3,231	64,535	-2897,16	-438,292	2930,123
559CHR	U18	14,518	165,438	3,231	64,535	2896,297	725,766	2985,845
CHR	U18	14,519	-14,565	4721,596	14,07	2896,362	725,905	2985,942
5576	OKC	320,933	18,45	9,066	72,345	62543,24	-21325,9	66079,11
5576	U19	322,303	19,202	9,066	72,345	-63396,7	19558,51	66345,09
ZDO	U19	50,5	-12,014	1358,728	14,07	10083,38	2527,128	10395,24
5578	U19	337,203	16,26	16,268	72,987	67290,19	-17031,5	69412,12
5578	PRT	338,807	17,483	16,268	72,987	-68922,8	13223,76	70179,95
555	PRT	2,274	-83,38	5,187	64,535	-0,016	470,994	470,994
555	LUT	0	-92,226	5,187	64,535	0,005	-0,03	0,03
5577	PRT	309,6	-161,71	9,992	72,984	-62805,1	12969,53	64130,21
5577	U21	308,613	-162,533	9,992	72,984	61966,71	-14768,1	63702,2
PROST	PRT	158,009	-7,448	436,975	14,07	31747,95	7956,788	32729,84
NZAD	U21	2,991	-10,008	23001,08	14,07	598,938	150,11	617,462
5575	U21	305,962	-162,274	17,465	72,988	-61367,8	14918,18	63155,02
5575	OKC	303,889	-163,712	17,465	72,988	59941,26	-17945,3	62569,88
5505A	OKC	117,652	164,664	0,137	72,343	-23403,5	-6252,33	24224,26
5505A	U22	117,67	164,632	0,137	72,343	23401,76	6260,71	24224,76
5505B	U23	117,808	-15,615	1,198	64,535	23380,65	6324,18	24220,86
5505B	U22	117,672	-15,37	1,198	64,535	-23402,1	-6261,84	24225,36
OKD	U23	3,005	-14,55	22807,08	14,07	599,252	150,192	617,787
5508B	U24	114,826	164,322	0,382	72,343	-22780,3	-6184,03	23604,75
5508B	U25	114,875	164,232	0,382	72,343	22775,72	6207,982	23606,62
BAR	U25	174,863	-14,591	391,735	14,07	34856,09	8735,762	35934,11
5507	U25	60,061	-12,344	1,226	64,535	12080,74	2528,859	12342,58
5507	U26	59,954	-11,845	1,226	64,535	-12086,4	-2431,17	12328,52
BHN	U26	69,6	-14,542	984,833	14,07	13882,58	3479,313	14311,94
5506	U26	129,517	-13,294	1,102	64,535	25968,87	5910,181	26632,92
5506	OKC	129,411	-13,086	1,102	64,535	-25992,7	-5861,47	26645,4
5508A	U24	114,821	-15,675	0,137	72,343	22779,74	6182,561	23603,82

Tab.7-17c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5508A	U23	114,804	-15,643	0,137	72,343	-22781,4	-6173,96	23603,16
5518	OKC	3,45	-170,184	2,983	72,343	-699,088	125,711	710,301
5518	U27	3,5	165,56	2,983	72,343	699,057	174,981	720,624
5519	OKC	3,45	-170,184	2,983	72,343	-699,088	125,711	710,301
5519	U27	3,5	165,56	2,983	72,343	699,057	174,981	720,624
FA	U27	7,001	-14,456	9802,084	14,07	1398,267	350,431	1441,511
5516	OKC	63,985	168,582	0,52	68,797	-12930,6	-2522,8	13174,37
5516	U28	64,032	168,368	0,52	68,797	12928,25	2566,902	13180,62
5516A	U28	64,036	168,363	8,472	64,537	-12928,8	-2568,26	13181,42
5516A	U29	64,843	165,168	8,472	64,537	12883,44	3228,961	13281,91
5517	OKC	63,985	168,582	0,52	68,797	-12930,6	-2522,8	13174,37
5517	U30	64,032	168,368	0,52	68,797	12928,25	2566,902	13180,62
5517A	U30	64,036	168,363	8,472	64,537	-12928,8	-2568,26	13181,42
5517A	U29	64,843	165,168	8,472	64,537	12883,44	3228,961	13281,91
UHD	U29	129,685	-14,831	526,489	14,07	25766,79	6457,765	26563,7
5504	OKC	60,235	168,761	0,713	72,343	-12180	-2336,77	12402,15
5504	U31	60,301	168,435	0,713	72,343	12177,66	2401,229	12412,14
5503A	OKC	54,043	169,739	1,001	72,343	-10962,2	-1909,71	11127,27
5503A	U34	54,129	169,228	1,001	72,343	10959,51	2002,238	11140,91
5502a	OKC	50,742	171,603	0,606	68,797	-10345,5	-1457,35	10447,66
5502a	U35	50,782	171,286	0,606	68,797	10343,82	1511,388	10453,66
5501A	OKC	51,576	171,457	0,637	68,797	-10511,8	-1508,11	10619,45
5501A	U36	51,62	171,13	0,637	68,797	10509,98	1564,687	10625,82
5501B	U36	51,622	171,125	2,63	64,535	-10510,4	-1565,68	10626,35
5501B	U33	51,802	169,872	2,63	64,535	10501,3	1782,214	10651,46
5502B	U35	50,782	171,287	2,715	64,422	-10343,8	-1511,29	10453,59
5502B	U33	50,958	170,021	2,715	64,422	10334,67	1726,308	10477,86
5503B	U34	54,128	169,229	2,122	64,535	-10959,4	-2001,99	11140,74
5503B	U33	54,301	168,27	2,122	64,535	10951,34	2175,107	11165,25
5509B	U32	47,856	168,94	2,19	64,535	-9679,93	-1817,58	9849,097
5509B	U33	48,041	167,822	2,19	64,535	9673,439	2000,041	9878,036
5509A	U31	47,821	169,187	0,443	72,343	-9681,45	-1777,45	9843,258
5509A	U32	47,861	168,931	0,443	72,343	9680,524	1819,186	9849,974
MLE	U31	12,506	-14,48	5486,446	14,07	2496,887	625,789	2574,113
MAD	U33	122,184	-14,566	560,952	14,07	24369,39	6107,544	25123,09
5573	U33	19,24	165,946	0,383	72,343	-3845,89	-927,402	3956,127
5573	U38	19,285	165,405	0,383	72,343	3845,76	965,533	3965,114
5572	U33	19,24	165,946	0,383	72,343	-3845,89	-927,402	3956,127
5572	U38	19,285	165,405	0,383	72,343	3845,76	965,533	3965,114
SVIT	U38	38,56	-14,571	1777,364	14,07	7690,329	1927,38	7928,175
5574A	U33	36,125	175,112	5,184	64,535	-7406,04	-568,776	7427,846
5574A	U39	36,364	171,569	5,184	64,535	7397,259	1013,456	7466,36
5574B	U39	36,363	171,572	1,074	72,343	-7397,13	-1013,09	7466,177
5574B	U40	36,438	170,755	1,074	72,343	7395,83	1116,636	7479,651
SLU	U40	47,149	-14,729	1451,218	14,07	9388,029	2352,866	9678,382
568B	U40	11,421	-32,476	1,074	72,343	1992,135	1235,992	2344,414
568B	U41	11,154	-30,188	1,074	72,343	-1992,26	-1128,78	2289,812

Tab.7-17d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
568A	U41	11,154	-30,188	8,473	64,537	1992,255	1128,784	2289,811
568A	VST	9,871	-11,25	8,473	64,537	-1993,44	-374,802	2028,372
567	U33	10,534	-157,595	13,655	64,54	-1995,19	842,826	2165,902
567	VST	9,871	168,749	13,655	64,54	1993,456	374,829	2028,389
5594A	PRT	121,772	1,806	3,736	68,797	25134,71	2117,689	25223,76
5594A	U20a	121,632	2,633	3,736	68,797	-25194,8	-1907,1	25266,83
5594B	U20a	121,632	2,633	5,862	68,947	25194,78	1907,144	25266,86
5594B	U42	121,446	3,902	5,862	68,947	-25288,1	-1587,72	25337,9
KNC	U20	30,78	-14,723	2248,777	14,07	6199,614	1553,776	6391,356
V8	U20	79,499	-9,299	3,582	71,764	16320,21	2481,757	16507,83
V8	U43	79,321	-8,422	3,582	71,764	-16341,4	-2290,85	16501,21
T3	U43	109,033	-0,031	2,037	86,602	22681,73	-162,612	22682,31
T3	U44	521,464	-0,031	2,037	86,602	-22784,7	-1571,61	22838,84
K2	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K2	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
K1	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K1	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
T4	U45	520,924	0,875	0,001	83,169	22889,04	1369,907	22930
T4	U47	16609,18	0,875	0,001	83,169	-23001,5	-2308,84	23117,1
K3	U45	2,761	-85,672	0,471	57,109	0,06	121,544	121,544
K3	U46	0,003	-58,157	0,471	57,109	-0,062	-0,12	0,135
T1	U42	121,445	3,902	1,273	87,877	25288,07	1587,607	25337,86
T1	U48	580,826	3,902	1,273	87,877	-25338	-2933,76	25507,25
K4	U48	290,413	3,902	2,121	57,118	12668,99	1466,901	12753,63
K4	U49	289,036	6,369	2,121	57,118	-12959,1	-1356,99	13029,93
K5	U48	290,413	3,902	2,121	57,118	12668,99	1466,901	12753,63
K5	U49	289,036	6,369	2,121	57,118	-12959,1	-1356,99	13029,93
T2	U49	576,46	8,187	0,001	85,737	25918,7	1885,269	25987,17
T2	U50	18379,89	8,187	0,001	85,737	-25972,5	-2607,03	26103,01
K6	U49	18,382	-77,692	3,063	57,128	-0,567	828,66	828,66
K6	U51	0	121,417	3,063	57,128	0,004	0,013	0,013
AS2	U50	18379,89	-171,813	0,026	-174,268	-25972,5	-2607,04	26103,02
AS1	U47	16609,17	-179,125	0,028	-174,268	-23001,5	-2308,82	23117,1
AS3	U20	29,856	179,347	2318,327	-180	-6199,61	0	6199,614
AS4	PRT	4,82	-173,378	14325,63	-180	-998,36	0	998,36
AS5	U19	30,07	-177,944	2281,865	-180	-6189,81	0	6189,805
BO	U52	147,049	-18,898	470,545	18,195	28998,11	9531,222	30524,33
K7	PRT	670,625	15,243	0,159	74,831	137342,8	-20822,6	138912,3
K7	U53	673,467	16,72	0,159	74,831	-137399	24251,51	139523,1
T5	U53	282,987	16,877	0,084	87,159	57706,35	-10348,5	58626,91
T5	U54	2706,837	16,877	0,084	87,159	-57811,1	8237,562	58395,06
T6	U53	195,242	16,608	0,106	88,915	39846,47	-6952,76	40448,51
T6	U55	1867,53	16,608	0,106	88,915	-39870,5	5681,32	40273,29
SS1	U54	2706,837	-163,122	2,657	171,89	-57811,1	8237,616	58395,07
T7	U53	195,242	16,608	0,106	88,915	39846,47	-6952,76	40448,51
T7	U55	1867,53	16,608	0,106	88,915	-39870,5	5681,32	40273,29

Tab.7-17e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
SS2	U55	1400,643	-163,392	5,132	171,89	-29902,8	4260,938	30204,87
SS3	U55	1400,643	-163,392	5,132	171,89	-29902,8	4260,938	30204,87
SS4	U55	933,772	-163,392	7,698	171,89	-19935,4	2840,677	20136,79
V9	U43	32,68	-159,285	3,582	71,764	-6340,22	2453,74	6798,472
V9	U56	32,256	-161,321	3,582	71,764	6336,675	-2208,74	6710,588
5597	U52	73,64	-34,637	4,628	80,297	12682,52	8533,278	15286,04
5597	U60	71,94	-32,577	4,628	80,297	-12694,9	-7957,1	14982,53
VOP	U56	75,891	-18,733	913,778	18,195	14999,13	4929,978	15788,56
526c	U56	53,954	-40,029	0,412	72,343	8662,343	7138,377	11224,64
526c	U57	53,824	-39,862	0,412	72,343	-8663,43	-7099,36	11200,71
526b	U57	53,82	-39,859	0,412	72,343	8663,16	7098,506	11199,96
526b	U58	53,691	-39,691	0,412	72,343	-8664,24	-7059,45	11176,09
526a	U58	53,697	-39,694	0,412	72,343	8664,656	7060,67	11177,18
526a	U59	53,568	-39,525	0,412	72,343	-8665,74	-7021,58	11153,36
526	U59	53,573	-39,529	0,412	72,343	8666,122	7022,817	11154,44
526	U60	53,445	-39,359	0,412	72,343	-8667,2	-6983,69	11130,69
V18	U20	78,721	176,095	0,412	72,343	-16320	-927,444	16346,37
V18	U58	78,733	175,947	0,412	72,343	16317,71	962,399	16346,07
V17	U58	78,735	175,944	0,412	72,343	-16318	-963,372	16346,44
V17	U52	78,747	175,796	0,412	72,343	16315,71	998,31	16346,22
t402	U60	125,164	144,535	5,411	89,218	21361,63	14939,24	26067,23
t402	U61	37,862	144,535	5,411	89,218	-21364,8	-15170,4	26202,97
Čebín	U61	37,862	144,535	11,484	90	-21364,8	-15170	26202,74

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 1:

Tab.7-19a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,398	-0,136	0,4	15,577	90	11298,72
OKC	119,588	-0,391	-8,717	3,905	89,501	3408,07
U9	119,292	-0,727	-8,448	16,574	75,418	803,081
A	119,581	-0,401	-8,71	4,262	87,92	3122,693
PROS	119,312	-0,73	-8,465	23,699	74,141	561,627
U14	118,933	-0,782	-8,121	10,533	73,537	1263,69
U12	119,526	-0,428	-8,66	4,512	85,965	2950,171
U13	119,108	-0,679	-8,28	8,754	75,387	1520,467
U15	119,538	-0,444	-8,671	8,756	75,383	1520,173
U16	119,583	-0,398	-8,712	4,512	85,964	2950,077
U17	119,499	-0,475	-8,636	11,778	72,575	1130,072
U18	119,452	-0,505	-8,592	14,985	70,845	888,23
U19	120,368	1,858	-9,426	11,346	78,216	1173,113
PRT	122,481	6,019	-11,346	17,123	76,5	777,296
LUT	122,49	6,017	-11,355	22,227	73,723	598,823

Tab.7-19b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U21	121,303	3,7	-10,276	15,568	76,974	854,977
U23	119,416	-0,49	-8,56	4,75	85,046	2802,309
U22	119,573	-0,402	-8,703	4,032	88,939	3301,115
U24	119,401	-0,501	-8,546	4,794	84,929	2776,634
U25	119,36	-0,531	-8,509	4,869	84,67	2733,597
U26	119,436	-0,483	-8,578	4,656	85,351	2858,632
U27	119,582	-0,398	-8,711	5,349	84,781	2488,27
U28	119,558	-0,414	-8,689	4,381	87,152	3038,035
U29	118,978	-0,769	-8,162	8,21	76,253	1621,247
U30	119,558	-0,414	-8,689	4,381	87,152	3038,035
U31	119,553	-0,422	-8,684	4,478	87,107	2972,159
U32	119,536	-0,437	-8,669	4,723	86,105	2818,393
U34	119,545	-0,43	-8,677	4,636	86,436	2870,771
U35	119,562	-0,413	-8,693	4,397	87,032	3026,834
U36	119,56	-0,414	-8,691	4,417	86,943	3013,457
U33	119,428	-0,507	-8,571	4,666	85,536	2852,357
U38	119,421	-0,512	-8,565	4,853	85,02	2742,581
U39	119,26	-0,639	-8,418	8,795	75,551	1513,425
U40	119,23	-0,668	-8,391	9,451	75,32	1408,281
U41	119,246	-0,661	-8,405	10,03	75,083	1327,037
VST	119,355	-0,611	-8,505	11,817	72,97	1126,38
U20a	122,824	6,343	-11,658	20,856	75,098	638,181
U20	119,886	-0,653	-8,988	9,399	84,723	1416,137
U42	123,346	6,852	-12,132	26,731	73,719	497,932
U43	120,107	-0,442	-9,188	9,313	83,782	1429,253
U44	25,286	3,914	-14,939	2,54	86,144	209,618
U45	25,414	4,3	-15,517	2,749	83,754	193,691
U47	0,804	6,607	-16,46	0,004	83,58	136,154
U46	25,415	4,298	-15,521	3,177	79,936	167,563
U48	25,965	9,736	-18,021	2,495	81,234	213,4
U49	26,628	11,493	-21,036	3,501	73,994	152,068
U50	0,839	13	-21,555	0,004	76,003	126,327
U51	26,67	11,435	-21,226	6,509	66,046	81,793
U52	119,846	-0,703	-8,951	9,173	85,36	1451,051
U53	122,524	6,1	-11,385	17,283	76,484	770,107
U54	12,823	8,016	-28,234	0,284	80,08	387,39
U55	12,811	7,775	-28,109	0,249	79,501	442,493
U56	120,113	-0,538	-9,194	7,489	86,153	1777,331
U60	120,242	-0,498	-9,311	6,08	89,366	2189,193
U57	120,146	-0,528	-9,223	7,169	86,754	1856,618
U58	120,178	-0,518	-9,253	6,827	87,472	1949,549
U59	120,21	-0,508	-9,282	6,464	88,331	2059,097
U58	119,866	-0,678	-8,969	9,297	85,018	1431,625
U61	399,564	-0,088	0,109	12,634	90	13930,93

Tab.7-20a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	75,982	120,463	14,13	90	-26688,8	-45130,4	52431,28
T401	U0	37,991	120,464	4,472	89,218	-13344,4	-22564,9	26215,42
T401	OKC	125,59	120,464	4,472	89,218	13341,21	22332,17	26013,72
T402	U0	37,991	120,464	4,472	89,218	-13344,4	-22564,9	26215,42
T402	OKC	125,59	120,464	4,472	89,218	13341,21	22332,17	26013,72
573	OKC	34,276	-179,638	0,374	71,186	-7099,06	93,198	7099,67
573	A	34,274	-179,929	0,374	71,186	7098,634	-58,469	7098,874
573	U9	34,691	-9,492	12,424	71,19	7084,234	1092,291	7167,948
573	A	34,273	0,076	12,424	71,19	-7098,47	59,002	7098,71
RYC	U9	35,347	-14,797	1948,522	14,07	7084,221	1775,471	7303,32
571	U9	3,306	-90,73	7,132	71,188	-0,03	683,128	683,128
571	PROS	0	103,772	7,132	71,188	0,005	0,02	0,021
550A	OKC	87,69	167,049	0,659	64,535	-17728,7	-3950,13	18163,45
550A	U12	87,753	166,865	0,659	64,535	17722,17	3996,188	18167,14
550HUN	U14	88,382	-14,851	1,805	64,535	17660,27	4425,856	18206,41
550HUN	U13	88,193	-14,355	1,805	64,535	-17678,4	-4301,62	18194,25
550B	U12	87,755	166,863	4,396	64,535	-17722,5	-3996,85	18167,6
550B	U13	88,194	165,644	4,396	64,535	17678,61	4302,008	18194,52
HUN	U14	88,382	-14,852	776,919	14,07	17660,4	4426,114	18206,6
559A	OKC	14,058	-174,527	0,659	64,535	-2896,67	297,494	2911,901
559A	U16	14,032	-175,7	0,659	64,535	2896,497	-238,027	2906,261
559B	U15	14,004	-3,572	4,396	64,535	2895,203	158,188	2899,522
559B	U16	14,031	4,308	4,396	64,535	-2896,31	238,413	2906,11
559C	U15	14,004	176,43	3,061	64,535	-2895,15	-158,088	2899,465
559C	U17	14,14	170,997	3,061	64,535	2894,372	434,048	2926,736
559CHR	U17	14,141	170,992	3,231	64,535	-2894,51	-434,317	2926,908
559CHR	U18	14,419	165,423	3,231	64,535	2893,657	725,308	2983,173
CHR	U18	14,418	-14,575	4783,198	14,07	2893,599	725,192	2983,089
5576	OKC	303,534	8,568	9,066	72,345	62105,02	-9789,91	62871,9
5576	U19	304,177	9,404	9,066	72,345	-62866,8	8327,864	63415,97
ZDO	U19	49,871	-12,212	1393,485	14,07	10085,39	2527,63	10397,31
5578	U19	321,429	6,823	16,268	72,987	66761,15	-5800,21	67012,64
5578	PRT	321,893	8,162	16,268	72,987	-68239,7	2553,272	68287,44
555	PRT	2,329	-83,978	5,187	64,535	0,021	494,101	494,101
555	LUT	0,001	-66,683	5,187	64,535	-0,033	-0,106	0,111
5577	PRT	293,183	-171,089	9,992	72,984	-62117,4	3137,837	62196,63
5577	U21	292,891	-171,995	9,992	72,984	61363,99	-4619	61537,58
PROST	PRT	154,774	-8,051	456,886	14,07	31849,29	7982,187	32834,32
NZAD	U21	2,943	-10,37	23799,55	14,07	599,72	150,307	618,269
5575	U21	290,1	-171,812	17,465	72,988	-60764,3	4769,216	60951,15
5575	OKC	289,299	-173,39	17,465	72,988	59476,69	-7302,89	59923,36
5505A	OKC	116,832	164,66	0,137	72,343	-23380,7	-6242,72	24199,79
5505A	U22	116,85	164,628	0,137	72,343	23379,03	6251,339	24200,38
5505B	U23	116,992	-15,624	1,198	64,535	23358,58	6317,616	24197,84
5505B	U22	116,855	-15,376	1,198	64,535	-23379,7	-6253,36	24201,56
OKD	U23	2,984	-14,561	23104,72	14,07	598,676	150,049	617,193
5508B	U24	114,026	164,315	0,382	72,343	-22758,3	-6176,41	23581,49

Tab.7-20b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5508B	U25	114,075	164,224	0,382	72,343	22753,75	6201,028	23583,59
BAR	U25	173,649	-14,601	396,849	14,07	34822,83	8727,422	35899,83
5507	U25	59,644	-12,355	1,226	64,535	12069,09	2526,461	12330,69
5507	U26	59,536	-11,849	1,226	64,535	-12074,7	-2427,28	12316,26
BHN	U26	69,117	-14,553	997,674	14,07	13869,33	3475,987	14298,28
5506	U26	128,618	-13,302	1,102	64,535	25944,07	5903,362	26607,23
5506	OKC	128,512	-13,092	1,102	64,535	-25967,6	-5852,76	26618,98
5508A	U24	114,016	-15,677	0,137	72,343	22757,14	6172,708	23579,43
5508A	U23	113,998	-15,644	0,137	72,343	-22758,8	-6163,87	23578,68
5518	OKC	3,429	-169,895	2,983	72,343	-698,452	129,396	710,337
5518	U27	3,476	165,541	2,983	72,343	698,42	174,919	719,992
5519	OKC	3,429	-169,895	2,983	72,343	-698,452	129,396	710,337
5519	U27	3,476	165,541	2,983	72,343	698,42	174,919	719,992
FA	U27	6,953	-14,468	9929,616	14,07	1396,927	350,1	1440,131
5516	OKC	63,533	168,614	0,52	68,797	-12918,3	-2510,09	13159,86
5516	U28	63,58	168,397	0,52	68,797	12915,98	2554,884	13166,24
5516A	U28	63,58	168,398	8,472	64,537	-12915,9	-2554,57	13166,06
5516A	U29	64,39	165,162	8,472	64,537	12871,13	3225,761	13269,2
5517	OKC	63,533	168,614	0,52	68,797	-12918,3	-2510,09	13159,86
5517	U30	63,58	168,397	0,52	68,797	12915,98	2554,884	13166,24
5517A	U30	63,58	168,398	8,472	64,537	-12915,9	-2554,57	13166,06
5517A	U29	64,39	165,162	8,472	64,537	12871,13	3225,761	13269,2
UHD	U29	128,78	-14,838	533,409	14,07	25742,33	6451,645	26538,48
5504	OKC	59,808	168,807	0,713	72,343	-12168,6	-2321,89	12388,11
5504	U31	59,874	168,477	0,713	72,343	12166,25	2387,325	12398,26
5503A	OKC	53,657	169,798	1,001	72,343	-10951,6	-1894,01	11114,21
5503A	U34	53,743	169,28	1,001	72,343	10949,01	1987,865	11128,01
5502a	OKC	50,382	171,659	0,606	68,797	-10335,4	-1443,5	10435,76
5502a	U35	50,422	171,337	0,606	68,797	10333,78	1498,302	10441,83
5501A	OKC	51,211	171,511	0,637	68,797	-10501,7	-1494,25	10607,49
5501A	U36	51,254	171,18	0,637	68,797	10499,9	1551,629	10613,93
5501B	U36	51,255	171,178	2,63	64,535	-10500,1	-1551,99	10614,13
5501B	U33	51,435	169,908	2,63	64,535	10491,11	1771,631	10639,64
5502B	U35	50,421	171,34	2,715	64,422	-10333,6	-1497,86	10441,6
5502B	U33	50,597	170,057	2,715	64,422	10324,64	1715,971	10466,27
5503B	U34	53,744	169,278	2,122	64,535	-10949,2	-1988,23	11128,22
5503B	U33	53,918	168,306	2,122	64,535	10941,23	2163,88	11153,16
5509B	U32	47,517	168,991	2,19	64,535	-9671,05	-1804,97	9838,043
5509B	U33	47,702	167,859	2,19	64,535	9664,645	1989,998	9867,394
5509A	U31	47,475	169,254	0,443	72,343	-9671,65	-1761,84	9830,815
5509A	U32	47,515	168,995	0,443	72,343	9670,743	1804,156	9837,593
MLE	U31	12,419	-14,491	5557,872	14,07	2494,497	625,177	2571,646
MAD	U33	121,336	-14,576	568,27	14,07	24346,11	6101,714	25099,09
5573	U33	19,101	165,967	0,383	72,343	-3841,61	-924,133	3951,2
5573	U38	19,146	165,419	0,383	72,343	3841,481	962,736	3960,282
5572	U33	19,101	165,967	0,383	72,343	-3841,61	-924,133	3951,2
5572	U38	19,146	165,419	0,383	72,343	3841,481	962,736	3960,282

Tab.7-20c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
SVIT	U38	38,293	-14,582	1800,553	14,07	7682,988	1925,547	7920,609
5574A	U33	35,867	175,24	5,184	64,535	-7398,86	-550,28	7419,298
5574A	U39	36,104	171,649	5,184	64,535	7390,211	1000,827	7457,672
5574B	U39	36,104	171,648	1,074	72,343	-7390,24	-1000,88	7457,711
5574B	U40	36,178	170,821	1,074	72,343	7388,968	1105,791	7471,253
SLU	U40	46,821	-14,738	1470,224	14,07	9379,113	2350,623	9669,187
568B	U40	11,366	-32,692	1,074	72,343	1990,119	1244,731	2347,323
568B	U41	11,096	-30,383	1,074	72,343	-1990,24	-1136,21	2291,731
568A	U41	11,096	-30,384	8,473	64,537	1990,257	1136,27	2291,775
568A	VST	9,801	-11,222	8,473	64,537	-1991,43	-373,087	2026,077
567	U33	10,493	-157,182	13,655	64,54	-1993,13	859,402	2170,518
567	VST	9,801	168,778	13,655	64,54	1991,421	373,069	2026,065
5594A	PRT	119,544	0,614	3,736	68,797	25247,68	2388,827	25360,44
5594A	U20a	119,383	1,476	3,736	68,797	-25305,5	-2154,75	25397,11
5594B	U20a	119,383	1,476	5,862	68,947	25305,6	2154,958	25397,19
5594B	U42	119,168	2,799	5,862	68,947	-25395,5	-1799,24	25459,14
KNC	U20	30,78	-14,723	2248,777	14,07	6199,614	1553,776	6391,356
V8	U20	79,499	-9,299	3,582	71,764	16320,21	2481,757	16507,83
V8	U43	79,321	-8,422	3,582	71,764	-16341,4	-2290,85	16501,21
T3	U43	109,033	-0,031	2,037	86,602	22681,73	-162,612	22682,31
T3	U44	521,464	-0,031	2,037	86,602	-22784,7	-1571,61	22838,84
K2	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K2	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
K1	U44	260,731	-0,031	0,471	57,109	11392,3	785,719	11419,36
K1	U45	260,547	0,572	0,471	57,109	-11444,5	-745,575	11468,73
T4	U45	520,924	0,875	0,001	83,169	22889,04	1369,907	22930
T4	U47	16609,18	0,875	0,001	83,169	-23001,5	-2308,84	23117,1
K3	U45	2,761	-85,672	0,471	57,109	0,06	121,544	121,544
K3	U46	0,003	-58,157	0,471	57,109	-0,062	-0,12	0,135
T1	U42	119,168	2,799	1,273	87,877	25395,45	1799,113	25459,1
T1	U48	569,933	2,799	1,273	87,877	-25443,5	-3095,25	25631,08
K4	U48	284,967	2,799	2,121	57,118	12721,75	1547,623	12815,54
K4	U49	283,504	5,372	2,121	57,118	-13000,9	-1394,23	13075,48
K5	U48	284,967	2,799	2,121	57,118	12721,75	1547,623	12815,54
K5	U49	283,504	5,372	2,121	57,118	-13000,9	-1394,23	13075,48
T2	U49	565,326	7,268	0,001	85,737	26002,46	1921,098	26073,33
T2	U50	18024,87	7,268	0,001	85,737	-26054,2	-2615,25	26185,13
K6	U49	18,806	-78,546	3,063	57,128	-0,587	867,36	867,36
K6	U51	0	-13,943	3,063	57,128	-0,002	-0,001	0,002
AS2	U50	18024,88	-172,732	0,027	-174,268	-26054,2	-2615,24	26185,13
AS1	U47	16609,17	-179,125	0,028	-174,268	-23001,5	-2308,82	23117,1
AS3	U20	29,856	179,347	2318,327	-180	-6199,61	0	6199,614
AS4	PRT	4,721	-173,981	14978,4	-180	-1001,55	0	1001,545
AS5	U19	29,695	-178,142	2340,24	-180	-6191,03	0	6191,026
BO	U52	147,049	-18,898	470,545	18,195	28998,11	9531,222	30524,33
K7	PRT	640,879	6,268	0,159	74,831	135956,8	-589,855	135958
K7	U53	641,197	7,875	0,159	74,831	-136008	4216,163	136073,5

Tab.7-20d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T5	U53	269,19	8,016	0,084	87,159	57094,9	-1910,13	57126,84
T5	U54	2574,856	8,016	0,084	87,159	-57189,7	0,006	57189,69
T6	U53	186,006	7,775	0,106	88,915	39456,83	-1154,03	39473,71
T6	U55	1779,184	7,775	0,106	88,915	-39478,7	0,045	39478,68
SS1	U54	2574,857	-171,984	2,875	-180	-57189,7	0,003	57189,7
T7	U53	186,006	7,775	0,106	88,915	39456,83	-1154,03	39473,71
T7	U55	1779,184	7,775	0,106	88,915	-39478,7	0,045	39478,68
SS2	U55	1334,385	-172,225	5,543	-180	-29609	0,001	29608,96
SS3	U55	1334,385	-172,225	5,543	-180	-29609	0,001	29608,96
SS4	U55	889,595	-172,225	8,314	-180	-19739,4	0,001	19739,42
V9	U43	32,68	-159,285	3,582	71,764	-6340,22	2453,74	6798,472
V9	U56	32,256	-161,321	3,582	71,764	6336,675	-2208,74	6710,588
5597	U52	73,64	-34,637	4,628	80,297	12682,52	8533,278	15286,04
5597	U60	71,94	-32,577	4,628	80,297	-12694,9	-7957,1	14982,53
VOP	U56	75,891	-18,733	913,778	18,195	14999,13	4929,978	15788,56
526c	U56	53,954	-40,029	0,412	72,343	8662,343	7138,377	11224,64
526c	U57	53,824	-39,862	0,412	72,343	-8663,43	-7099,36	11200,71
526b	U57	53,82	-39,859	0,412	72,343	8663,16	7098,506	11199,96
526b	U58	53,691	-39,691	0,412	72,343	-8664,24	-7059,45	11176,09
526a	U58	53,697	-39,694	0,412	72,343	8664,656	7060,67	11177,18
526a	U59	53,568	-39,525	0,412	72,343	-8665,74	-7021,58	11153,36
526	U59	53,573	-39,529	0,412	72,343	8666,122	7022,817	11154,44
526	U60	53,445	-39,359	0,412	72,343	-8667,2	-6983,69	11130,69
V18	U20	78,721	176,095	0,412	72,343	-16320	-927,444	16346,37
V18	U58	78,733	175,947	0,412	72,343	16317,71	962,399	16346,07
V17	U58	78,735	175,944	0,412	72,343	-16318	-963,372	16346,44
V17	U52	78,747	175,796	0,412	72,343	16315,71	998,31	16346,22
t402	U60	125,164	144,535	5,411	89,218	21361,63	14939,24	26067,23
t402	U61	37,862	144,535	5,411	89,218	-21364,8	-15170,4	26202,97
Čebín	U61	37,862	144,535	11,484	90	-21364,8	-15170	26202,74

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,99 ind:

Tab.7-22a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,259	-0,554	0,185	15,577	90	11298,72
OKC	120,35	-1,61	-9,409	3,905	89,501	3408,07
U9	120,058	-1,943	-9,144	16,574	75,418	803,081
A	120,343	-1,62	-9,403	4,262	87,92	3122,693
PROS	120,078	-1,946	-9,162	23,699	74,141	561,627
U14	119,698	-1,998	-8,816	10,533	73,537	1263,69
U12	120,288	-1,648	-9,353	4,512	85,965	2950,171
U13	119,872	-1,896	-8,975	8,754	75,387	1520,467
U15	120,301	-1,663	-9,364	8,756	75,383	1520,173
U16	120,344	-1,617	-9,404	4,512	85,964	2950,077
U17	120,263	-1,693	-9,33	11,778	72,575	1130,072
U18	120,215	-1,723	-9,287	14,985	70,845	888,23
U19	121,038	-0,997	-10,035	11,346	78,216	1173,113
PRT	122,59	0,294	-11,445	17,123	76,5	777,296
LUT	122,599	0,292	-11,454	22,227	73,723	598,823
U21	121,811	-0,413	-10,737	15,568	76,974	854,977
U23	120,179	-1,708	-9,254	4,75	85,046	2802,309
U22	120,335	-1,621	-9,396	4,032	88,939	3301,115
U24	120,164	-1,719	-9,24	4,794	84,929	2776,634
U25	120,124	-1,749	-9,203	4,869	84,67	2733,597
U26	120,199	-1,701	-9,272	4,656	85,351	2858,632
U27	120,344	-1,618	-9,404	5,349	84,781	2488,27
U28	120,319	-1,633	-9,381	4,381	87,152	3038,035
U29	119,743	-1,984	-8,858	8,21	76,253	1621,247
U30	120,319	-1,633	-9,381	4,381	87,152	3038,035
U31	120,315	-1,641	-9,377	4,478	87,107	2972,159
U32	120,298	-1,656	-9,362	4,723	86,105	2818,393
U34	120,307	-1,649	-9,37	4,636	86,436	2870,771
U35	120,324	-1,632	-9,386	4,397	87,032	3026,834
U36	120,322	-1,633	-9,384	4,417	86,943	3013,457
U33	120,192	-1,725	-9,265	4,666	85,536	2852,357
U38	120,185	-1,73	-9,259	4,853	85,02	2742,581
U39	120,025	-1,855	-9,114	8,795	75,551	1513,425
U40	119,996	-1,884	-9,087	9,451	75,32	1408,281
U41	120,012	-1,877	-9,101	10,03	75,083	1327,037
VST	120,12	-1,828	-9,2	11,817	72,97	1126,38
U20a	122,845	0,476	-11,677	20,856	75,098	638,181
U20	119,934	-0,708	-9,031	9,399	84,723	1416,137
U42	123,225	0,764	-12,023	26,731	73,719	497,932
U43	120,143	-0,515	-9,221	9,313	83,782	1429,253
U44	25,294	3,266	-14,973	2,54	86,144	209,618
U45	25,406	3,599	-15,481	2,749	83,754	193,691
U47	0,803	5,604	-16,311	0,004	83,58	136,154
U46	25,407	3,597	-15,485	3,177	79,936	167,563

Tab.7-22b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U48	25,936	2,463	-17,889	2,495	81,234	213,4
U49	26,356	3,466	-19,799	3,501	73,994	152,068
U50	0,829	4,366	-20,115	0,004	76,003	126,327
U51	26,397	3,408	-19,987	6,509	66,046	81,793
U52	119,896	-0,754	-8,997	9,173	85,36	1451,051
U53	122,62	0,325	-11,473	17,283	76,484	770,107
U54	12,851	1,079	-28,509	0,284	80,08	387,39
U55	12,843	1,01	-28,433	0,249	79,501	442,493
U56	120,156	-0,587	-9,232	7,489	86,153	1777,331
U60	120,282	-0,539	-9,348	6,08	89,366	2189,193
U57	120,188	-0,575	-9,261	7,169	86,754	1856,618
U58	120,219	-0,563	-9,29	6,827	87,472	1949,549
U59	120,251	-0,551	-9,319	6,464	88,331	2059,097
U58	119,915	-0,731	-9,014	9,297	85,018	1431,625
U61	399,587	-0,095	0,103	12,634	90	13930,93

Tab.7-23a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	160,706	168,856	14,13	90	-109241	-20424	111133,7
T401	U0	80,353	168,856	4,472	89,218	-54620,4	-10212	55566,86
T401	OKC	265,629	168,856	4,472	89,218	54606,2	9170,778	55370,93
T402	U0	80,353	168,856	4,472	89,218	-54620,4	-10212	55566,86
T402	OKC	265,629	168,856	4,472	89,218	54606,2	9170,778	55370,93
573	OKC	34,01	179,372	0,374	71,186	-7088,37	121,528	7089,41
573	A	34,007	179,078	0,374	71,186	7087,95	-86,319	7088,475
573	U9	34,413	-10,63	12,424	71,19	7073,912	1080,903	7156,017
573	A	34,007	-0,922	12,424	71,19	-7087,92	86,361	7088,443
RYC	U9	35,07	-16,012	1976,502	14,07	7073,898	1772,886	7292,679
571	U9	3,327	-91,947	7,132	71,188	-0,048	691,877	691,877
571	PROS	0	106,214	7,132	71,188	0,023	0,07	0,074
550A	OKC	87,28	165,852	0,659	64,535	-17759,8	-3949,47	18193,68
550A	U12	87,343	165,666	0,659	64,535	17753,36	3996,416	18197,61
550HUN	U14	87,973	-16,067	1,805	64,535	17691,61	4433,754	18238,73
550HUN	U13	87,783	-15,565	1,805	64,535	-17709,6	-4307,08	18225,83
550B	U12	87,342	165,667	4,396	64,535	-17753,2	-3996,14	18197,39
550B	U13	87,783	164,434	4,396	64,535	17709,72	4307,256	18225,99
HUN	U14	87,974	-16,068	785,55	14,07	17691,75	4433,971	18238,92
559A	OKC	13,927	-175,413	0,659	64,535	-2886,19	313,417	2903,159
559A	U16	13,899	-176,604	0,659	64,535	2886,027	-253,178	2897,111
559B	U15	13,863	-4,605	4,396	64,535	2884,75	148,231	2888,556
559B	U16	13,898	3,403	4,396	64,535	-2885,84	253,518	2896,953
559C	U15	13,862	175,398	3,061	64,535	-2884,68	-148,079	2888,481
559C	U17	13,996	169,873	3,061	64,535	2883,918	427,627	2915,45
559CHR	U17	13,997	169,867	3,231	64,535	-2884,07	-427,95	2915,648
559CHR	U18	14,276	164,205	3,231	64,535	2883,239	722,731	2972,441
CHR	U18	14,275	-15,793	4862,076	14,07	2883,171	722,587	2972,341

Tab.7-23b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5576	OKC	93,66	-13,058	9,066	72,345	19135,29	3875,055	19523,71
5576	U19	92,847	-10,334	9,066	72,345	-19207	-3157,94	19464,89
ZDO	U19	47,771	-15,067	1462,837	14,07	9714,55	2434,689	10015
5578	U19	112,712	-14,687	16,268	72,987	22958,16	5592,599	23629,52
5578	PRT	111,082	-10,907	16,268	72,987	-23137	-4581,56	23586,23
555	PRT	2,331	-89,709	5,187	64,535	-0,029	494,844	494,844
555	LUT	0	116,919	5,187	64,535	0,016	0,033	0,037
5577	PRT	97,613	170,966	9,992	72,984	-20452,2	-3359,39	20726,29
5577	U21	98,447	168,288	9,992	72,984	20367,94	4069,705	20770,54
PROST	PRT	133,036	-13,776	532,016	14,07	27400,41	6867,191	28247,84
NZAD	U21	2,711	-14,483	25939,16	14,071	554,864	139,072	572,028
5575	U21	95,739	168,366	17,465	72,988	-19813,1	-3930,66	20199,21
5575	OKC	97,549	163,704	17,465	72,988	19669,92	5155,129	20334,24
5505A	OKC	115,746	163,45	0,137	72,343	-23311,9	-6220,19	24127,52
5505A	U22	115,764	163,418	0,137	72,343	23310,27	6229,085	24128,2
5505B	U23	115,906	-16,839	1,198	64,535	23290,2	6297,542	24126,59
5505B	U22	115,769	-16,587	1,198	64,535	-23310,9	-6231,08	24129,37
OKD	U23	2,955	-15,779	23480,98	14,07	596,637	149,538	615,092
5508B	U24	112,97	163,1	0,382	72,343	-22692	-6157,31	23512,55
5508B	U25	113,02	163,007	0,382	72,343	22687,58	6182,682	23514,93
BAR	U25	172,066	-15,819	403,063	14,07	34726,17	8703,203	35800,17
5507	U25	59,117	-13,577	1,226	64,535	12038,83	2521,132	12299,98
5507	U26	59,009	-13,064	1,226	64,535	-12044,3	-2420,32	12285,12
BHN	U26	68,429	-15,771	1014,146	14,07	13818,98	3463,365	14246,37
5506	U26	127,4	-14,516	1,102	64,535	25862,97	5882,986	26523,63
5506	OKC	127,293	-14,303	1,102	64,535	-25886	-5830,18	26534,47
5508A	U24	112,981	-16,908	0,137	72,343	22693,44	6160,85	23514,85
5508A	U23	112,963	-16,875	0,137	72,343	-22695	-6151,74	23514
5518	OKC	3,395	-170,694	2,983	72,343	-694,835	134,005	707,638
5518	U27	3,436	164,307	2,983	72,343	694,804	174,203	716,309
5519	OKC	3,395	-170,694	2,983	72,343	-694,835	134,005	707,638
5519	U27	3,436	164,307	2,983	72,343	694,804	174,203	716,309
FA	U27	6,873	-15,688	10109,91	14,07	1389,551	348,255	1432,527
5516	OKC	63,206	167,437	0,52	68,797	-12935,5	-2503,24	13175,45
5516	U28	63,253	167,218	0,52	68,797	12933,2	2548,739	13181,95
5516A	U28	63,252	167,221	8,472	64,537	-12933	-2548,19	13181,63
5516A	U29	64,066	163,946	8,472	64,537	12888,72	3230,162	13287,33
5517	OKC	63,206	167,437	0,52	68,797	-12935,5	-2503,24	13175,45
5517	U30	63,253	167,218	0,52	68,797	12933,2	2548,739	13181,95
5517A	U30	63,252	167,221	8,472	64,537	-12933	-2548,19	13181,63
5517A	U29	64,066	163,946	8,472	64,537	12888,72	3230,162	13287,33
UHD	U29	128,132	-16,054	539,554	14,07	25777,51	6460,454	26574,75
5504	OKC	59,222	167,662	0,713	72,343	-12129,1	-2297,83	12344,86
5504	U31	59,288	167,327	0,713	72,343	12126,84	2364,337	12355,17
5503A	OKC	53,148	168,664	1,001	72,343	-10919,7	-1871,61	11078,89
5503A	U34	53,234	168,137	1,001	72,343	10917,07	1966,928	11092,85
5502a	OKC	49,904	170,527	0,606	68,797	-10304,7	-1423,07	10402,49

Tab.7-23c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5502a	U35	49,944	170,201	0,606	68,797	10303,05	1478,713	10408,62
5501A	OKC	50,726	170,376	0,637	68,797	-10470,8	-1474,09	10574,02
5501A	U36	50,769	170,039	0,637	68,797	10468,99	1532,352	10580,54
5501B	U36	50,769	170,039	2,63	64,535	-10469	-1532,36	10580,52
5501B	U33	50,949	168,749	2,63	64,535	10460,19	1755,414	10606,46
5502B	U35	49,944	170,2	2,715	64,422	-10303	-1478,74	10408,63
5502B	U33	50,119	168,897	2,715	64,422	10294,25	1700,235	10433,71
5503B	U34	53,236	168,135	2,122	64,535	-10917,3	-1967,5	11093,15
5503B	U33	53,409	167,147	2,122	64,535	10909,49	2145,928	11118,54
5509B	U32	47,071	167,854	2,19	64,535	-9643,89	-1785,68	9807,818
5509B	U33	47,256	166,703	2,19	64,535	9637,607	1973,501	9837,59
5509A	U31	47,034	168,111	0,443	72,343	-9645,21	-1743,79	9801,57
5509A	U32	47,074	167,848	0,443	72,343	9644,312	1786,733	9808,424
MLE	U31	12,28	-15,711	5656,824	14,07	2482,208	622,095	2558,976
MAD	U33	120,15	-15,794	577,551	14,07	24262,16	6080,669	25012,53
5573	U33	18,913	164,769	0,383	72,343	-3828,4	-919,558	3937,29
5573	U38	18,958	164,212	0,383	72,343	3828,277	958,669	3946,485
5572	U33	18,913	164,769	0,383	72,343	-3828,4	-919,558	3937,29
5572	U38	18,958	164,212	0,383	72,343	3828,277	958,669	3946,485
SVIT	U38	37,921	-15,8	1829,824	14,07	7657,074	1919,044	7893,891
5574A	U33	35,596	174,168	5,184	64,535	-7391,17	-530,721	7410,197
5574A	U39	35,829	170,526	5,184	64,535	7382,645	987,567	7448,405
5574B	U39	35,829	170,524	1,074	72,343	-7382,72	-987,81	7448,514
5574B	U40	35,903	169,684	1,074	72,343	7381,466	1094,186	7462,124
SLU	U40	46,474	-15,954	1490,721	14,07	9369,33	2348,173	9659,103
568B	U40	11,31	-34,137	1,074	72,343	1988	1254,466	2350,708
568B	U41	11,036	-31,806	1,074	72,343	-1988,12	-1144,54	2294,034
568A	U41	11,035	-31,802	8,473	64,537	1988,085	1144,335	2293,901
568A	VST	9,726	-12,4	8,473	64,537	-1989,24	-371,265	2023,591
567	U33	10,451	-157,948	13,655	64,54	-1990,93	877,13	2175,579
567	VST	9,726	167,6	13,655	64,54	1989,237	371,263	2023,586
5594A	PRT	72,095	-12,376	3,736	68,797	14935,26	3357,598	15308,02
5594A	U20a	71,718	-10,97	3,736	68,797	-14956,2	-3028	15259,67
5594B	U20a	71,718	-10,97	5,862	68,947	14956,28	3028,143	15259,75
5594B	U42	71,214	-8,792	5,862	68,947	-14988,5	-2523,21	15199,44
KNC	U20	29,931	-14,778	2313,448	14,07	6031,138	1511,547	6217,668
V8	U20	73,328	-10,247	3,582	71,764	15021,96	2524,461	15232,6
V8	U43	73,132	-9,298	3,582	71,764	-15040	-2323,75	15218,45
T3	U43	94,787	-1,17	2,037	86,602	19723,45	225,236	19724,73
T3	U44	453,331	-1,17	2,037	86,602	-19801,3	-1535,88	19860,75
K2	U44	226,665	-1,169	0,471	57,109	9900,612	767,911	9930,348
K2	U45	226,461	-0,476	0,471	57,109	-9940,03	-708,053	9965,22
K1	U44	226,665	-1,169	0,471	57,109	9900,612	767,911	9930,348
K1	U45	226,461	-0,476	0,471	57,109	-9940,03	-708,053	9965,22
T4	U45	452,735	-0,128	0,001	83,169	19880,12	1294,859	19922,24
T4	U47	14435,03	-0,128	0,001	83,169	-19965,1	-2004,07	20065,4
K3	U45	2,758	-86,393	0,471	57,109	0,018	121,371	121,371

Tab.7-23d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
K3	U46	0,001	-44,906	0,471	57,109	-0,02	-0,022	0,03
T1	U42	71,214	-8,792	1,273	87,877	14988,52	2523,127	15199,4
T1	U48	340,59	-8,792	1,273	87,877	-15005,7	-2986,01	15299,89
K4	U48	170,295	-8,792	2,121	57,118	7502,834	1493,009	7649,941
K4	U49	168,158	-4,528	2,121	57,118	-7601,74	-1067,5	7676,328
K5	U48	170,295	-8,792	2,121	57,118	7502,834	1493,009	7649,941
K5	U49	168,158	-4,528	2,121	57,118	-7601,74	-1067,5	7676,328
T2	U49	334,25	-1,366	0,001	85,737	15204,07	1285,348	15258,31
T2	U50	10657,25	-1,366	0,001	85,737	-15222,2	-1528,01	15298,66
K6	U49	18,614	-86,573	3,063	57,128	-0,571	849,722	849,722
K6	U51	0	-51,241	3,063	57,128	-0,005	-0,008	0,009
AS2	U50	10657,24	178,634	0,045	-174,268	-15222,2	-1527,95	15298,65
AS1	U47	14435,03	179,872	0,032	-174,268	-19965,1	-2004,03	20065,39
AS3	U20	29,033	179,292	2384,998	-180	-6031,14	0	6031,138
AS4	PRT	4,058	-179,706	17441,44	-180	-861,644	0	861,644
AS5	U19	28,445	179,003	2456,708	-180	-5963,39	0	5963,392
BO	U52	143,066	-18,949	483,849	18,195	28224,39	9276,902	29709,89
K7	PRT	265,01	-10,934	0,159	74,831	55193,02	10957	56270,11
K7	U53	262,096	-7,072	0,159	74,831	-55201,7	-7166,84	55664,99
T5	U53	107,865	-7,03	0,084	87,159	22720,4	2932,764	22908,9
T5	U54	1031,755	-7,03	0,084	87,159	-22735,6	-3239,46	22965,25
T6	U53	77,114	-7,099	0,106	88,915	16240,48	2116,298	16377,79
T6	U55	737,612	-7,099	0,106	88,915	-16244,2	-2314,64	16408,31
SS1	U54	1031,756	172,97	7,191	-171,891	-22735,6	-3239,5	22965,26
T7	U53	77,114	-7,099	0,106	88,915	16240,48	2116,298	16377,79
T7	U55	737,612	-7,099	0,106	88,915	-16244,2	-2314,64	16408,31
SS2	U55	553,208	172,901	13,404	-171,891	-12183,2	-1735,93	12306,23
SS3	U55	553,208	172,901	13,404	-171,891	-12183,2	-1735,93	12306,23
SS4	U55	368,807	172,9	20,106	-171,89	-8122,12	-1157,45	8204,175
V9	U43	24,662	-156,383	3,582	71,764	-4683,54	2098,275	5132,087
V9	U56	24,185	-159,042	3,582	71,764	4681,536	-1848,44	5033,24
5597	U52	74,836	-32,566	4,628	80,297	13206,46	8192,088	15540,94
5597	U60	73,234	-30,493	4,628	80,297	-13219,3	-7617,92	15257,2
VOP	U56	73,578	-18,782	942,833	18,195	14547,12	4781,409	15312,76
526c	U56	57,115	-34,49	0,412	72,343	9865,684	6630,136	11886,57
526c	U57	57,002	-34,32	0,412	72,343	-9866,91	-6591,51	11866,08
526b	U57	56,998	-34,317	0,412	72,343	9866,63	6590,654	11865,38
526b	U58	56,885	-34,146	0,412	72,343	-9867,85	-6551,99	11844,95
526a	U58	56,89	-34,15	0,412	72,343	9868,258	6553,208	11845,97
526a	U59	56,777	-33,979	0,412	72,343	-9869,47	-6514,5	11825,62
526	U59	56,774	-33,976	0,412	72,343	9869,18	6513,685	11824,92
526	U60	56,662	-33,804	0,412	72,343	-9870,39	-6474,94	11804,64
V18	U20	72,477	175,437	0,412	72,343	-15021,8	-1012,33	15055,83
V18	U58	72,491	175,276	0,412	72,343	15019,79	1048,432	15056,34
V17	U58	72,493	175,272	0,412	72,343	-15020,1	-1049,41	15056,7
V17	U52	72,507	175,112	0,412	72,343	15018,11	1085,494	15057,29
t402	U60	129,843	148,063	5,411	89,218	23089,73	14092,91	27050,8

Tab.7-23e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
t402	U61	39,277	148,063	5,411	89,218	-23093,1	-14341,7	27184,11
Čebín	U61	39,277	148,064	11,484	90	-23093,1	-14341,4	27183,98

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,98 ind:

Tab.7-25a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,387	-0,487	0,153	15,577	90	11298,72
OKC	120,46	-1,416	-9,509	3,905	89,501	3408,07
U9	120,167	-1,749	-9,242	16,574	75,418	803,081
A	120,453	-1,426	-9,502	4,262	87,92	3122,693
PROS	120,186	-1,752	-9,26	23,699	74,141	561,627
U14	119,807	-1,803	-8,916	10,533	73,537	1263,69
U12	120,398	-1,453	-9,453	4,512	85,965	2950,171
U13	119,982	-1,702	-9,074	8,754	75,387	1520,467
U15	120,41	-1,469	-9,464	8,756	75,383	1520,173
U16	120,454	-1,423	-9,504	4,512	85,964	2950,077
U17	120,372	-1,499	-9,429	11,778	72,575	1130,072
U18	120,324	-1,529	-9,386	14,985	70,845	888,23
U19	121,432	-0,581	-10,393	11,346	78,216	1173,113
PRT	123,535	1,098	-12,305	17,123	76,5	777,296
LUT	123,545	1,096	-12,313	22,227	73,723	598,823
U21	122,44	0,175	-11,309	15,568	76,974	854,977
U23	120,288	-1,514	-9,352	4,75	85,046	2802,309
U22	120,445	-1,427	-9,495	4,032	88,939	3301,115
U24	120,273	-1,525	-9,339	4,794	84,929	2776,634
U25	120,232	-1,555	-9,302	4,869	84,67	2733,597
U26	120,308	-1,507	-9,371	4,656	85,351	2858,632
U27	120,454	-1,424	-9,503	5,349	84,781	2488,27
U28	120,429	-1,439	-9,481	4,381	87,152	3038,035
U29	119,853	-1,79	-8,957	8,21	76,253	1621,247
U30	120,429	-1,439	-9,481	4,381	87,152	3038,035
U31	120,424	-1,447	-9,477	4,478	87,107	2972,159
U32	120,407	-1,462	-9,461	4,723	86,105	2818,393
U34	120,417	-1,455	-9,47	4,636	86,436	2870,771
U35	120,434	-1,438	-9,485	4,397	87,032	3026,834
U36	120,432	-1,439	-9,484	4,417	86,943	3013,457
U33	120,3	-1,531	-9,364	4,666	85,536	2852,357
U38	120,294	-1,536	-9,358	4,853	85,02	2742,581
U39	120,133	-1,662	-9,212	8,795	75,551	1513,425
U40	120,104	-1,69	-9,185	9,451	75,32	1408,281
U41	120,12	-1,684	-9,2	10,03	75,083	1327,037
VST	120,229	-1,634	-9,299	11,817	72,97	1126,38
U20a	123,836	1,342	-12,578	20,856	75,098	638,181
U20	119,89	-0,661	-8,991	9,399	84,723	1416,137

Tab.7-25b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U42	124,288	1,727	-12,989	26,731	73,719	497,932
U43	120,109	-0,453	-9,19	9,313	83,782	1429,253
U44	25,287	3,837	-14,942	2,54	86,144	209,618
U45	25,413	4,217	-15,513	2,749	83,754	193,691
U47	0,803	6,489	-16,442	0,004	83,58	136,154
U46	25,414	4,215	-15,517	3,177	79,936	167,563
U48	26,165	3,953	-18,934	2,495	81,234	213,4
U49	26,699	5,29	-21,361	3,501	73,994	152,068
U50	0,84	6,461	-21,773	0,004	76,003	126,327
U51	26,741	5,232	-21,552	6,509	66,046	81,793
U52	119,85	-0,711	-8,954	9,173	85,36	1451,051
U53	123,577	1,135	-12,342	17,283	76,484	770,107
U54	12,97	2,041	-29,699	0,284	80,08	387,39
U55	12,96	1,974	-29,601	0,249	79,501	442,493
U56	120,117	-0,546	-9,197	7,489	86,153	1777,331
U60	120,245	-0,505	-9,314	6,08	89,366	2189,193
U57	120,149	-0,536	-9,226	7,169	86,754	1856,618
U58	120,181	-0,525	-9,256	6,827	87,472	1949,549
U59	120,213	-0,515	-9,285	6,464	88,331	2059,097
U58	119,87	-0,686	-8,973	9,297	85,018	1431,625
U61	399,566	-0,089	0,109	12,634	90	13930,93

Tab.7-26a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
Otrokovice	U0	141,111	169,537	14,13	90	-96138,9	-16909,8	97614,66
T401	U0	70,555	169,537	4,472	89,218	-48069,4	-8454,7	48807,28
T401	OKC	233,241	169,537	4,472	89,218	48058,46	7651,889	48663,82
T402	U0	70,555	169,537	4,472	89,218	-48069,4	-8454,7	48807,28
T402	OKC	233,241	169,537	4,472	89,218	48058,46	7651,889	48663,82
573	OKC	34,129	179,525	0,374	71,186	-7119,88	116,935	7120,837
573	A	34,127	179,231	0,374	71,186	7119,455	-81,668	7119,924
573	U9	34,536	-10,451	12,424	71,19	7105,346	1087,547	7188,094
573	A	34,127	-0,769	12,424	71,19	-7119,45	81,616	7119,917
RYC	U9	35,194	-15,819	1971,31	14,07	7105,328	1780,763	7325,081
571	U9	3,33	-91,752	7,132	71,188	-0,036	693,172	693,172
571	PROS	0	112,209	7,132	71,188	0,011	0,024	0,027
550A	OKC	87,308	166,051	0,659	64,535	-17781,9	-3953,07	18216,03
550A	U12	87,371	165,864	0,659	64,535	17775,44	4000,117	18219,97
550HUN	U14	88,006	-15,873	1,805	64,535	17714,36	4439,685	18262,23
550HUN	U13	87,815	-15,371	1,805	64,535	-17732,4	-4312,74	18249,27
550B	U12	87,374	165,862	4,396	64,535	-17775,9	-4001,01	18220,6
550B	U13	87,816	164,629	4,396	64,535	17732,38	4312,798	18249,32
HUN	U14	88,005	-15,873	785,984	14,07	17714,33	4439,639	18262,2
559A	OKC	14,002	-175,295	0,659	64,535	-2904,67	311,486	2921,323
559A	U16	13,974	-176,481	0,659	64,535	2904,503	-251,142	2915,34
559B	U15	13,942	-4,468	4,396	64,535	2903,796	152,126	2907,778

Tab.7-26b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
559B	U16	13,975	3,502	4,396	64,535	-2904,9	250,332	2915,664
559C	U15	13,942	175,535	3,061	64,535	-2903,72	-151,971	2907,696
559C	U17	14,077	170,036	3,061	64,535	2902,948	432,011	2934,917
559CHR	U17	14,077	170,035	3,231	64,535	-2903	-432,093	2934,976
559CHR	U18	14,356	164,4	3,231	64,535	2902,154	727,392	2991,922
CHR	U18	14,356	-15,599	4839,062	14,07	2902,123	727,341	2991,879
5576	OKC	128,608	-13,239	9,066	72,345	26263,75	5497,778	26833
5576	U19	127,726	-11,258	9,066	72,345	-26399,3	-4977,12	26864,33
ZDO	U19	49,689	-14,651	1410,953	14,07	10137,45	2540,685	10450,98
5578	U19	148,492	-14,51	16,268	72,987	30313,71	7517,784	31232
5578	PRT	146,738	-11,639	16,268	72,987	-30625	-6922,05	31397,54
555	PRT	2,348	-88,906	5,187	64,535	-0,036	502,479	502,479
555	LUT	0	113,393	5,187	64,535	0,024	0,059	0,064
5577	PRT	130,29	169,713	9,992	72,984	-27329,4	-5503,23	27877,97
5577	U21	131,258	167,703	9,992	72,984	27179,36	6011,48	27836,23
PROST	PRT	150,358	-12,972	474,354	14,07	31206,95	7821,196	32172,11
NZAD	U21	2,917	-13,895	24235,41	14,07	600,019	150,386	618,578
5575	U21	128,343	167,74	17,465	72,988	-26579,4	-5861,14	27217,91
5575	OKC	130,217	164,25	17,465	72,988	26323,06	6726,218	27168,83
5505A	OKC	116,324	163,643	0,137	72,343	-23449,5	-6257,37	24270,02
5505A	U22	116,341	163,611	0,137	72,343	23447,82	6266,238	24270,68
5505B	U23	116,487	-16,647	1,198	64,535	23427,86	6335,436	24269,38
5505B	U22	116,35	-16,395	1,198	64,535	-23448,8	-6269,21	24272,41
OKD	U23	2,971	-15,585	23374,38	14,07	600,445	150,491	619,016
5508B	U24	113,531	163,295	0,382	72,343	-22825,5	-6193,07	23650,7
5508B	U25	113,581	163,203	0,382	72,343	22820,98	6218,376	23653,02
BAR	U25	172,901	-15,625	401,48	14,07	34926,17	8753,32	36006,36
5507	U25	59,387	-13,38	1,226	64,535	12104,91	2534,202	12367,34
5507	U26	59,279	-12,868	1,226	64,535	-12110,5	-2433,29	12352,52
BHN	U26	68,819	-15,577	1009,314	14,07	13910,3	3486,257	14340,52
5506	U26	128,062	-14,323	1,102	64,535	26020,69	5919,335	26685,48
5506	OKC	127,954	-14,111	1,102	64,535	-26044	-5866,84	26696,62
5508A	U24	113,523	-16,7	0,137	72,343	22824,47	6190,585	23649,1
5508A	U23	113,506	-16,667	0,137	72,343	-22826,1	-6181,5	23648,27
5518	OKC	3,418	-170,637	2,983	72,343	-700,49	133,353	713,071
5518	U27	3,461	164,517	2,983	72,343	700,459	175,416	722,09
5519	OKC	3,418	-170,637	2,983	72,343	-700,49	133,353	713,071
5519	U27	3,461	164,517	2,983	72,343	700,459	175,416	722,09
FA	U27	6,923	-15,493	10045,46	14,07	1401,016	351,12	1444,345
5516	OKC	63,251	167,636	0,52	68,797	-12956,7	-2506,33	13196,92
5516	U28	63,299	167,417	0,52	68,797	12954,48	2551,91	13203,43
5516A	U28	63,3	167,415	8,472	64,537	-12954,7	-2552,36	13203,71
5516A	U29	64,115	164,141	8,472	64,537	12910,34	3235,607	13309,62
5517	OKC	63,251	167,636	0,52	68,797	-12956,7	-2506,33	13196,92
5517	U30	63,299	167,417	0,52	68,797	12954,48	2551,91	13203,43
5517A	U30	63,3	167,415	8,472	64,537	-12954,7	-2552,36	13203,71

Tab.7-26c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5517A	U29	64,115	164,141	8,472	64,537	12910,34	3235,607	13309,62
UHD	U29	128,23	-15,86	539,634	14,07	25820,71	6471,281	26619,29
5504	OKC	59,541	167,833	0,713	72,343	-12204,7	-2317,29	12422,79
5504	U31	59,608	167,499	0,713	72,343	12202,44	2383,849	12433,11
5503A	OKC	53,417	168,835	1,001	72,343	-10984,1	-1887,3	11145,07
5503A	U34	53,503	168,31	1,001	72,343	10981,5	1982,726	11159,06
5502a	OKC	50,156	170,698	0,606	68,797	-10365,6	-1435,75	10464,6
5502a	U35	50,196	170,373	0,606	68,797	10363,98	1491,457	10470,74
5501A	OKC	50,982	170,548	0,637	68,797	-10532,6	-1486,99	10637,07
5501A	U36	51,025	170,213	0,637	68,797	10530,82	1545,318	10643,6
5501B	U36	51,025	170,214	2,63	64,535	-10530,7	-1545,13	10643,47
5501B	U33	51,205	168,929	2,63	64,535	10521,85	1768,435	10669,43
5502B	U35	50,195	170,375	2,715	64,422	-10363,8	-1491,11	10470,53
5502B	U33	50,371	169,077	2,715	64,422	10354,92	1712,86	10495,64
5503B	U34	53,503	168,311	2,122	64,535	-10981,5	-1982,65	11159,02
5503B	U33	53,677	167,327	2,122	64,535	10973,62	2161,266	11184,42
5509B	U32	47,303	168,027	2,19	64,535	-9699,65	-1799,65	9865,187
5509B	U33	47,489	166,881	2,19	64,535	9693,304	1987,698	9895,003
5509A	U31	47,261	168,294	0,443	72,343	-9700,19	-1755,67	9857,794
5509A	U32	47,301	168,032	0,443	72,343	9699,291	1798,678	9864,659
MLE	U31	12,365	-15,517	5622,703	14,07	2501,815	627,015	2579,191
MAD	U33	120,813	-15,601	574,902	14,07	24418,08	6119,753	25173,28
5573	U33	19,02	164,939	0,383	72,343	-3853,22	-927,261	3963,219
5573	U38	19,066	164,384	0,383	72,343	3853,092	966,438	3972,445
5572	U33	19,02	164,939	0,383	72,343	-3853,22	-927,261	3963,219
5572	U38	19,066	164,384	0,383	72,343	3853,092	966,438	3972,445
SVIT	U38	38,127	-15,606	1821,566	14,07	7705,715	1931,225	7944,034
5574A	U33	35,708	174,339	5,184	64,535	-7420,97	-535,913	7440,293
5574A	U39	35,942	170,704	5,184	64,535	7412,39	993,504	7478,675
5574B	U39	35,942	170,703	1,074	72,343	-7412,46	-993,676	7478,77
5574B	U40	36,017	169,866	1,074	72,343	7411,199	1100,226	7492,421
SLU	U40	46,619	-15,76	1487,406	14,07	9407,134	2357,649	9698,076
568B	U40	11,338	-33,895	1,074	72,343	1995,827	1257,047	2358,706
568B	U41	11,065	-31,566	1,074	72,343	-1995,95	-1146,92	2302,008
568A	U41	11,066	-31,576	8,473	64,537	1996,113	1147,442	2302,41
568A	VST	9,757	-12,212	8,473	64,537	-1997,28	-372,987	2031,806
567	U33	10,478	-157,828	13,655	64,54	-1999	877,605	2183,16
567	VST	9,757	167,787	13,655	64,54	1997,3	373,031	2031,836
5594A	PRT	93,89	-7,798	3,736	68,797	19847,91	3106,663	20089,58
5594A	U20a	93,622	-6,699	3,736	68,797	-19883,6	-2808,82	20080,96
5594B	U20a	93,622	-6,699	5,862	68,947	19883,56	2808,841	20080,97
5594B	U42	93,264	-5,005	5,862	68,947	-19938,7	-2353,53	20077,14
KNC	U20	30,735	-14,731	2252,11	14,07	6190,813	1551,552	6382,279

Tab.7-26d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
V8	U20	78,851	-9,415	3,582	71,764	16183,09	2491,816	16373,81
V8	U43	78,671	-8,531	3,582	71,764	-16203,9	-2299,85	16366,35
T3	U43	107,389	-0,163	2,037	86,602	22340,46	-112,942	22340,75
T3	U44	513,601	-0,163	2,037	86,602	-22440,4	-1569,37	22495,16
K2	U44	256,799	-0,163	0,471	57,109	11220,13	784,596	11247,52
K2	U45	256,613	0,45	0,471	57,109	-11270,7	-742,037	11295,14
K1	U44	256,799	-0,163	0,471	57,109	11220,13	784,596	11247,52
K1	U45	256,613	0,45	0,471	57,109	-11270,7	-742,037	11295,14
T4	U45	513,055	0,757	0,001	83,169	22541,58	1362,842	22582,74
T4	U47	16358,26	0,757	0,001	83,169	-22650,7	-2273,62	22764,5
K3	U45	2,759	-85,779	0,471	57,109	0,01	121,429	121,429
K3	U46	0	-46,272	0,471	57,109	-0,012	-0,015	0,019
T1	U42	93,264	-5,005	1,273	87,877	19938,72	2353,502	20077,14
T1	U48	446,045	-5,005	1,273	87,877	-19968,1	-3147,39	20214,67
K4	U48	223,023	-5,005	2,121	57,118	9984,084	1573,724	10107,35
K4	U49	221,23	-1,706	2,121	57,118	-10154,6	-1246,12	10230,73
K5	U48	223,023	-5,005	2,121	57,118	9984,084	1573,724	10107,35
K5	U49	221,23	-1,706	2,121	57,118	-10154,6	-1246,12	10230,73
T2	U49	440,573	0,729	0,001	85,737	20309,68	1620,139	20374,2
T2	U50	14047,25	0,729	0,001	85,737	-20341,1	-2041,73	20443,32
K6	U49	18,857	-84,749	3,063	57,128	-0,592	872,026	872,026
K6	U51	0	-61,788	3,063	57,128	0	-0,001	0,001
AS2	U50	14047,25	-179,271	0,035	-174,268	-20341,1	-2041,77	20443,32
AS1	U47	16358,26	-179,243	0,028	-174,268	-22650,7	-2273,6	22764,49
AS3	U20	29,813	179,339	2321,762	-180	-6190,81	0	6190,814
AS4	PRT	4,586	-178,902	15550,9	-180	-981,356	0	981,356
AS5	U19	29,587	179,419	2369,575	-180	-6222,99	0	6222,991
BO	U52	146,835	-18,906	471,245	18,195	28956,83	9517,651	30480,87
K7	PRT	328,688	-12,587	0,159	74,831	68332,49	16639	70329,12
K7	U53	324,869	-9,478	0,159	74,831	-68345,8	-12806,5	69535,31
T5	U53	132,399	-9,437	0,084	87,159	27857,85	5199,242	28338,88
T5	U54	1266,428	-9,437	0,084	87,159	-27880,8	-5661,3	28449,76
T6	U53	96,233	-9,504	0,106	88,915	20243,79	3802,688	20597,85
T6	U55	920,491	-9,504	0,106	88,915	-20249,6	-4111,57	20662,84
SS1	U54	1266,429	170,563	5,913	-168,522	-27880,8	-5661,41	28449,77
T7	U53	96,233	-9,504	0,106	88,915	20243,79	3802,688	20597,85
T7	U55	920,491	-9,504	0,106	88,915	-20249,6	-4111,57	20662,84
SS2	U55	690,369	170,496	10,838	-168,522	-15187,2	-3083,67	15497,14
SS3	U55	690,369	170,496	10,838	-168,522	-15187,2	-3083,67	15497,14
SS4	U55	460,245	170,496	16,258	-168,522	-10124,8	-2055,9	10331,4
V9	U43	31,696	-158,987	3,582	71,764	-6136,44	2413,017	6593,828
V9	U56	31,266	-161,083	3,582	71,764	6133,111	-2167,37	6504,807
5597	U52	73,951	-34,365	4,628	80,297	12778,28	8507,157	15351,1
5597	U60	72,264	-32,308	4,628	80,297	-12790,8	-7931,57	15050,38
VOP	U56	75,775	-18,741	915,201	18,195	14976,63	4922,583	15764,88
526c	U56	54,48	-39,265	0,412	72,343	8843,439	7089,664	11334,45

Tab.7-26e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
526c	U57	54,353	-39,097	0,412	72,343	-8844,55	-7050,72	11311
526b	U57	54,358	-39,101	0,412	72,343	8844,916	7051,932	11312,04
526b	U58	54,231	-38,932	0,412	72,343	-8846,02	-7012,95	11288,65
526a	U58	54,218	-38,923	0,412	72,343	8845,107	7010,028	11286,12
526a	U59	54,092	-38,754	0,412	72,343	-8846,21	-6971	11262,78
526	U59	54,106	-38,764	0,412	72,343	8847,265	6974,304	11265,66
526	U60	53,98	-38,594	0,412	72,343	-8848,36	-6935,24	11242,38
V18	U20	78,065	176,011	0,412	72,343	-16183,3	-940,815	16210,59
V18	U58	78,077	175,862	0,412	72,343	16180,98	975,894	16210,38
V17	U58	78,075	175,866	0,412	72,343	-16180,6	-974,81	16209,96
V17	U52	78,087	175,717	0,412	72,343	16178,34	1009,873	16209,82
t402	U60	126,051	145,007	5,411	89,218	21638,67	14865,29	26252,79
t402	U61	38,13	145,007	5,411	89,218	-21641,9	-15099,8	26388,89
Čebín	U61	38,13	145,007	11,484	90	-21641,9	-15099,6	26388,78

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,97 ind:

Tab.7-28a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,365	-0,599	0,159	15,577	90	11298,72
OKC	120,446	-1,741	-9,497	3,905	89,501	3408,07
U9	120,153	-2,074	-9,23	16,574	75,418	803,081
A	120,439	-1,751	-9,49	4,262	87,92	3122,693
PROS	120,173	-2,077	-9,248	23,699	74,141	561,627
U14	119,794	-2,128	-8,904	10,533	73,537	1263,69
U12	120,385	-1,778	-9,441	4,512	85,965	2950,171
U13	119,968	-2,027	-9,062	8,754	75,387	1520,467
U15	120,397	-1,794	-9,452	8,756	75,383	1520,173
U16	120,441	-1,748	-9,492	4,512	85,964	2950,077
U17	120,358	-1,824	-9,417	11,778	72,575	1130,072
U18	120,311	-1,854	-9,373	14,985	70,845	888,23
U19	121,164	-1,295	-10,149	11,346	78,216	1173,113
PRT	122,773	-0,293	-11,612	17,123	76,5	777,296
LUT	122,783	-0,295	-11,621	22,227	73,723	598,823
U21	121,968	-0,836	-10,88	15,568	76,974	854,977
U23	120,274	-1,839	-9,34	4,75	85,046	2802,309
U22	120,431	-1,752	-9,483	4,032	88,939	3301,115
U24	120,26	-1,85	-9,327	4,794	84,929	2776,634
U25	120,219	-1,88	-9,29	4,869	84,67	2733,597
U26	120,295	-1,832	-9,359	4,656	85,351	2858,632
U27	120,44	-1,749	-9,491	5,349	84,781	2488,27
U28	120,416	-1,764	-9,469	4,381	87,152	3038,035
U29	119,839	-2,115	-8,945	8,21	76,253	1621,247
U30	120,416	-1,764	-9,469	4,381	87,152	3038,035

Tab.7-28b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U31	120,411	-1,772	-9,465	4,478	87,107	2972,159
U32	120,394	-1,787	-9,449	4,723	86,105	2818,393
U34	120,403	-1,78	-9,457	4,636	86,436	2870,771
U35	120,42	-1,763	-9,473	4,397	87,032	3026,834
U36	120,419	-1,764	-9,471	4,417	86,943	3013,457
U33	120,287	-1,856	-9,352	4,666	85,536	2852,357
U38	120,28	-1,861	-9,346	4,853	85,02	2742,581
U39	120,12	-1,987	-9,2	8,795	75,551	1513,425
U40	120,091	-2,015	-9,173	9,451	75,32	1408,281
U41	120,106	-2,009	-9,188	10,03	75,083	1327,037
VST	120,215	-1,959	-9,287	11,817	72,97	1126,38
U20a	123,057	-0,072	-11,87	20,856	75,098	638,181
U20	119,89	-0,661	-8,991	9,399	84,723	1416,137
U42	123,481	0,277	-12,256	26,731	73,719	497,932
U43	120,109	-0,453	-9,19	9,313	83,782	1429,253
U44	25,287	3,837	-14,942	2,54	86,144	209,618
U45	25,413	4,217	-15,513	2,749	83,754	193,691
U47	0,803	6,489	-16,442	0,004	83,58	136,154
U46	25,414	4,215	-15,517	3,177	79,936	167,563
U48	25,994	2,308	-18,156	2,495	81,234	213,4
U49	26,485	3,522	-20,385	3,501	73,994	152,068
U50	0,833	4,593	-20,761	0,004	76,003	126,327
U51	26,526	3,464	-20,574	6,509	66,046	81,793
U52	119,85	-0,711	-8,954	9,173	85,36	1451,051
U53	122,806	-0,268	-11,641	17,283	76,484	770,107
U54	12,88	0,343	-28,796	0,284	80,08	387,39
U55	12,874	0,326	-28,741	0,249	79,501	442,493
U56	120,117	-0,546	-9,197	7,489	86,153	1777,331
U60	120,245	-0,505	-9,314	6,08	89,366	2189,193
U57	120,149	-0,536	-9,226	7,169	86,754	1856,618
U58	120,181	-0,525	-9,256	6,827	87,472	1949,549
U59	120,213	-0,515	-9,285	6,464	88,331	2059,097
U58	119,87	-0,686	-8,973	9,297	85,018	1431,625
U61	399,566	-0,089	0,109	12,634	90	13930,93

Tab.7-29a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAR]	S [kVA]
Otrokovice	U0	172,643	171,057	14,13	90	-118157	-17330,9	119421
T401	U0	86,322	171,057	4,472	89,218	-59078,4	-8665,36	59710,47
T401	OKC	285,361	171,057	4,472	89,218	59061,94	7463,68	59531,67
T402	U0	86,322	171,057	4,472	89,218	-59078,4	-8665,36	59710,47
T402	OKC	285,361	171,057	4,472	89,218	59061,94	7463,68	59531,67
573	OKC	34,128	179,197	0,374	71,186	-7118,83	116,482	7119,785
573	A	34,126	178,903	0,374	71,186	7118,412	-81,223	7118,875
573	U9	34,534	-10,777	12,424	71,19	7104,148	1087,422	7186,891
573	A	34,125	-1,095	12,424	71,19	-7118,25	81,476	7118,717

Tab.7-29b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
RYC	U9	35,192	-16,144	1971,208	14,07	7104,118	1780,45	7323,831
571	U9	3,33	-92,078	7,132	71,188	-0,045	692,999	692,999
571	PROS	0	111,739	7,132	71,188	0,019	0,043	0,047
550A	OKC	87,308	165,723	0,659	64,535	-17779,9	-3953,48	18214,1
550A	U12	87,372	165,537	0,659	64,535	17773,38	4000,516	18218,04
550HUN	U14	88,003	-16,198	1,805	64,535	17711,89	4439,144	18259,71
550HUN	U13	87,813	-15,697	1,805	64,535	-17729,9	-4312,23	18246,76
550B	U12	87,371	165,537	4,396	64,535	-17773,3	-4000,4	18217,96
550B	U13	87,813	164,304	4,396	64,535	17729,82	4312,096	18246,66
HUN	U14	88,003	-16,198	785,921	14,07	17711,81	4438,993	18259,59
559A	OKC	14,002	-175,638	0,659	64,535	-2904,61	310,542	2921,165
559A	U16	13,974	-176,824	0,659	64,535	2904,445	-250,211	2915,203
559B	U15	13,941	-4,792	4,396	64,535	2903,256	152,069	2907,236
559B	U16	13,974	3,178	4,396	64,535	-2904,36	250,3	2915,123
559C	U15	13,941	175,211	3,061	64,535	-2903,18	-151,92	2907,147
559C	U17	14,076	169,712	3,061	64,535	2902,401	431,897	2934,36
559CHR	U17	14,076	169,71	3,231	64,535	-2902,48	-432,026	2934,454
559CHR	U18	14,355	164,075	3,231	64,535	2901,636	727,259	2991,387
CHR	U18	14,355	-15,924	4838,842	14,07	2901,61	727,215	2991,351
5576	OKC	76,094	-22,816	9,066	72,345	14812,83	5708,421	15874,69
5576	U19	74,574	-19,584	9,066	72,345	-14859,6	-4911,27	15650,21
ZDO	U19	49,571	-15,365	1411,172	14,07	10091,07	2529,051	10403,16
5578	U19	96,149	-22,933	16,268	72,987	18756,18	7440,357	20178,04
5578	PRT	93,56	-18,635	16,268	72,987	-18884,7	-6260,73	19895,4
555	PRT	2,334	-90,294	5,187	64,535	-0,004	496,373	496,373
555	LUT	0	-63,078	5,187	64,535	-0,008	-0,015	0,017
5577	PRT	80,877	163,255	9,992	72,984	-16494,4	-4870,69	17198,48
5577	U21	82,299	160,136	9,992	72,984	16435,98	5668,417	17385,99
PROST	PRT	147,161	-14,363	481,672	14,07	30354,83	7607,647	31293,64
NZAD	U21	2,895	-14,906	24327,95	14,069	593,144	148,652	611,488
5575	U21	79,415	159,955	17,465	72,988	-15842,8	-5519,78	16776,88
5575	OKC	82,368	154,628	17,465	72,988	15742,58	6887,983	17183,51
5505A	OKC	116,33	163,309	0,137	72,343	-23447,1	-6260,93	24268,58
5505A	U22	116,347	163,276	0,137	72,343	23445,37	6269,795	24269,24
5505B	U23	116,479	-16,971	1,198	64,535	23423,8	6334,174	24265,12
5505B	U22	116,342	-16,72	1,198	64,535	-23444,7	-6267,96	24268,16
OKD	U23	2,971	-15,909	23373,5	14,07	600,335	150,457	618,902
5508B	U24	113,526	162,968	0,382	72,343	-22821,7	-6192,55	23646,95
5508B	U25	113,575	162,876	0,382	72,343	22817,24	6217,851	23649,27
BAR	U25	172,891	-15,95	401,458	14,07	34920,25	8751,84	36000,26
5507	U25	59,386	-13,706	1,226	64,535	12103,11	2534,228	12365,58
5507	U26	59,277	-13,195	1,226	64,535	-12108,7	-2433,34	12350,76
BHN	U26	68,815	-15,902	1009,266	14,07	13907,87	3485,65	14338,01
5506	U26	128,054	-14,648	1,102	64,535	26016,32	5918,497	26681,04
5506	OKC	127,947	-14,436	1,102	64,535	-26039,6	-5866,02	26692,18
5508A	U24	113,521	-17,028	0,137	72,343	22821,13	6190,905	23645,96
5508A	U23	113,503	-16,995	0,137	72,343	-22822,7	-6181,82	23645,13

Tab.7-29c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5518	OKC	3,418	-170,98	2,983	72,343	-700,428	133,12	712,966
5518	U27	3,461	164,178	2,983	72,343	700,397	175,58	722,069
5519	OKC	3,418	-170,98	2,983	72,343	-700,428	133,12	712,966
5519	U27	3,461	164,178	2,983	72,343	700,397	175,58	722,069
FA	U27	6,922	-15,819	10045,1	14,07	1400,753	351,066	1444,077
5516	OKC	63,254	167,304	0,52	68,797	-12955,6	-2507,7	13196,03
5516	U28	63,301	167,085	0,52	68,797	12953,3	2553,274	13202,55
5516A	U28	63,298	167,09	8,472	64,537	-12952,8	-2552,03	13201,78
5516A	U29	64,112	163,816	8,472	64,537	12908,44	3235,116	13307,66
5517	OKC	63,254	167,304	0,52	68,797	-12955,6	-2507,7	13196,03
5517	U30	63,301	167,085	0,52	68,797	12953,3	2553,274	13202,55
5517A	U30	63,298	167,09	8,472	64,537	-12952,8	-2552,03	13201,78
5517A	U29	64,112	163,816	8,472	64,537	12908,44	3235,116	13307,66
UHD	U29	128,225	-16,185	539,592	14,07	25816,93	6470,338	26615,39
5504	OKC	59,537	167,509	0,713	72,343	-12202,5	-2316,7	12420,5
5504	U31	59,604	167,175	0,713	72,343	12200,23	2383,243	12430,83
5503A	OKC	53,415	168,507	1,001	72,343	-10982,4	-1887,6	11143,46
5503A	U34	53,502	167,983	1,001	72,343	10979,83	1983,007	11157,46
5502a	OKC	50,152	170,375	0,606	68,797	-10363,7	-1435,15	10462,58
5502a	U35	50,192	170,05	0,606	68,797	10362,02	1490,841	10468,72
5501A	OKC	50,981	170,22	0,637	68,797	-10531,1	-1487,37	10635,58
5501A	U36	51,024	169,884	0,637	68,797	10529,27	1545,693	10642,12
5501B	U36	51,022	169,887	2,63	64,535	-10529	-1545,08	10641,74
5501B	U33	51,203	168,603	2,63	64,535	10520,11	1768,335	10667,7
5502B	U35	50,193	170,048	2,715	64,422	-10362,2	-1491,29	10468,98
5502B	U33	50,369	168,75	2,715	64,422	10353,33	1712,986	10494,08
5503B	U34	53,5	167,985	2,122	64,535	-10979,6	-1982,49	11157,18
5503B	U33	53,674	167,002	2,122	64,535	10971,77	2161,058	11182,57
5509B	U32	47,301	167,702	2,19	64,535	-9697,99	-1799,43	9863,52
5509B	U33	47,486	166,556	2,19	64,535	9691,649	1987,436	9893,329
5509A	U31	47,264	167,958	0,443	72,343	-9699,28	-1757,51	9857,226
5509A	U32	47,303	167,696	0,443	72,343	9698,38	1800,501	9864,095
MLE	U31	12,364	-15,841	5622,494	14,07	2501,356	626,888	2578,715
MAD	U33	120,805	-15,926	574,875	14,07	24413,8	6118,68	25168,86
5573	U33	19,02	164,615	0,383	72,343	-3852,64	-927,049	3962,611
5573	U38	19,065	164,06	0,383	72,343	3852,518	966,218	3971,835
5572	U33	19,02	164,615	0,383	72,343	-3852,64	-927,049	3962,611
5572	U38	19,065	164,06	0,383	72,343	3852,518	966,218	3971,835
SVIT	U38	38,125	-15,931	1821,48	14,07	7704,362	1930,903	7942,643
5574A	U33	35,706	174,014	5,184	64,535	-7419,72	-535,856	7439,045
5574A	U39	35,94	170,379	5,184	64,535	7411,145	993,343	7477,42
5574B	U39	35,94	170,378	1,074	72,343	-7411,24	-993,524	7477,542
5574B	U40	36,015	169,541	1,074	72,343	7409,981	1100,051	7491,19
SLU	U40	46,617	-16,085	1487,319	14,07	9405,591	2357,268	9696,486
568B	U40	11,338	-34,22	1,074	72,343	1995,491	1256,87	2358,327
568B	U41	11,064	-31,892	1,074	72,343	-1995,61	-1146,77	2301,641
568A	U41	11,066	-31,9	8,473	64,537	1995,804	1147,242	2302,042

Tab.7-29d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
568A	VST	9,757	-12,538	8,473	64,537	-1996,97	-372,96	2031,497
567	U33	10,477	-158,154	13,655	64,54	-1998,65	877,427	2182,768
567	VST	9,756	167,463	13,655	64,54	1996,95	372,93	2031,474
5594A	PRT	85,507	-10,44	3,736	68,797	17898,61	3203,289	18182,99
5594A	U20a	85,204	-9,244	3,736	68,797	-17928,1	-2894,56	18160,31
5594B	U20a	85,203	-9,243	5,862	68,947	17928,1	2894,45	18160,25
5594B	U42	84,798	-7,398	5,862	68,947	-17973,7	-2422,04	18136,2
KNC	U20	30,735	-14,731	2252,11	14,07	6190,813	1551,552	6382,279
V8	U20	78,851	-9,415	3,582	71,764	16183,09	2491,816	16373,81
V8	U43	78,671	-8,531	3,582	71,764	-16203,9	-2299,85	16366,35
T3	U43	107,389	-0,163	2,037	86,602	22340,46	-112,942	22340,75
T3	U44	513,601	-0,163	2,037	86,602	-22440,4	-1569,37	22495,16
K2	U44	256,799	-0,163	0,471	57,109	11220,13	784,596	11247,52
K2	U45	256,613	0,45	0,471	57,109	-11270,7	-742,037	11295,14
K1	U44	256,799	-0,163	0,471	57,109	11220,13	784,596	11247,52
K1	U45	256,613	0,45	0,471	57,109	-11270,7	-742,037	11295,14
T4	U45	513,055	0,757	0,001	83,169	22541,58	1362,842	22582,74
T4	U47	16358,26	0,757	0,001	83,169	-22650,7	-2273,62	22764,5
K3	U45	2,759	-85,779	0,471	57,109	0,01	121,429	121,429
K3	U46	0	-46,272	0,471	57,109	-0,012	-0,015	0,019
T1	U42	84,798	-7,398	1,273	87,877	17973,75	2422,072	18136,21
T1	U48	405,555	-7,398	1,273	87,877	-17998,1	-3078,37	18259,44
K4	U48	202,777	-7,398	2,121	57,118	8999,039	1539,178	9129,719
K4	U49	200,879	-3,798	2,121	57,118	-9139,76	-1174,17	9214,875
K5	U48	202,777	-7,398	2,121	57,118	8999,039	1539,178	9129,719
K5	U49	200,879	-3,798	2,121	57,118	-9139,76	-1174,17	9214,875
T2	U49	399,818	-1,139	0,001	85,737	18280,12	1490,313	18340,77
T2	U50	12747,81	-1,139	0,001	85,737	-18306	-1837,51	18397,99
K6	U49	18,705	-86,517	3,063	57,128	-0,586	858,044	858,045
K6	U51	0	116,755	3,063	57,128	0,004	0,009	0,01
AS2	U50	12747,8	178,861	0,038	-174,268	-18306	-1837,5	18397,98
AS1	U47	16358,26	-179,243	0,028	-174,268	-22650,7	-2273,6	22764,49
AS3	U20	29,813	179,339	2321,762	-180	-6190,81	0	6190,814
AS4	PRT	4,489	179,707	15790,78	-180	-954,562	0	954,562
AS5	U19	29,517	178,705	2369,942	-180	-6194,52	0	6194,518
BO	U52	146,835	-18,906	471,245	18,195	28956,83	9517,651	30480,87
K7	PRT	231,534	-18,082	0,159	74,831	46881,49	15042,2	49235,57
K7	U53	226,674	-13,74	0,159	74,831	-46888	-11232,7	48214,75
T5	U53	89,769	-13,726	0,084	87,159	18570,08	4444,075	19094,44
T5	U54	858,663	-13,726	0,084	87,159	-18580,6	-4656,49	19155,22
T6	U53	68,449	-13,744	0,106	88,915	14158,6	3392,942	14559,47
T6	U55	654,729	-13,744	0,106	88,915	-14161,6	-3549,22	14599,55
SS1	U54	858,664	166,273	8,66	-165,931	-18580,6	-4656,56	19155,24
T7	U53	68,449	-13,744	0,106	88,915	14158,6	3392,942	14559,47
T7	U55	654,729	-13,744	0,106	88,915	-14161,6	-3549,22	14599,55
SS2	U55	491,046	166,256	15,137	-165,93	-10621,1	-2662	10949,64
SS3	U55	491,046	166,256	15,137	-165,93	-10621,1	-2662	10949,64

Tab.7-29e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
AS4	PRT	4,489	179,707	15790,78	-180	-954,562	0	954,562
AS5	U19	29,517	178,705	2369,942	-180	-6194,52	0	6194,518
BO	U52	146,835	-18,906	471,245	18,195	28956,83	9517,651	30480,87
K7	PRT	231,534	-18,082	0,159	74,831	46881,49	15042,2	49235,57
K7	U53	226,674	-13,74	0,159	74,831	-46888	-11232,7	48214,75
T5	U53	89,769	-13,726	0,084	87,159	18570,08	4444,075	19094,44
T5	U54	858,663	-13,726	0,084	87,159	-18580,6	-4656,49	19155,22
T6	U53	68,449	-13,744	0,106	88,915	14158,6	3392,942	14559,47
T6	U55	654,729	-13,744	0,106	88,915	-14161,6	-3549,22	14599,55
SS1	U54	858,664	166,273	8,66	-165,931	-18580,6	-4656,56	19155,24
T7	U53	68,449	-13,744	0,106	88,915	14158,6	3392,942	14559,47
T7	U55	654,729	-13,744	0,106	88,915	-14161,6	-3549,22	14599,55
SS2	U55	491,046	166,256	15,137	-165,93	-10621,1	-2662	10949,64
SS3	U55	491,046	166,256	15,137	-165,93	-10621,1	-2662	10949,64
SS4	U55	327,366	166,257	22,705	-165,932	-7080,86	-1774,44	7299,814
V9	U43	31,696	-158,987	3,582	71,764	-6136,44	2413,017	6593,828
V9	U56	31,266	-161,083	3,582	71,764	6133,111	-2167,37	6504,807
5597	U52	73,951	-34,365	4,628	80,297	12778,28	8507,157	15351,1
5597	U60	72,264	-32,308	4,628	80,297	-12790,8	-7931,57	15050,38
VOP	U56	75,775	-18,741	915,201	18,195	14976,63	4922,583	15764,88
526c	U56	54,48	-39,265	0,412	72,343	8843,439	7089,664	11334,45
526c	U57	54,353	-39,097	0,412	72,343	-8844,55	-7050,72	11311
526b	U57	54,358	-39,101	0,412	72,343	8844,916	7051,932	11312,04
526b	U58	54,231	-38,932	0,412	72,343	-8846,02	-7012,95	11288,65
526a	U58	54,218	-38,923	0,412	72,343	8845,107	7010,028	11286,12
526a	U59	54,092	-38,754	0,412	72,343	-8846,21	-6971	11262,78
526	U59	54,106	-38,764	0,412	72,343	8847,265	6974,304	11265,66
526	U60	53,98	-38,594	0,412	72,343	-8848,36	-6935,24	11242,38
V18	U20	78,065	176,011	0,412	72,343	-16183,3	-940,815	16210,59
V18	U58	78,077	175,862	0,412	72,343	16180,98	975,894	16210,38
V17	U58	78,075	175,866	0,412	72,343	-16180,6	-974,81	16209,96
V17	U52	78,087	175,717	0,412	72,343	16178,34	1009,873	16209,82
t402	U60	126,051	145,007	5,411	89,218	21638,67	14865,29	26252,79
t402	U61	38,13	145,007	5,411	89,218	-21641,9	-15099,8	26388,89
Čebín	U61	38,13	145,007	11,484	90	-21641,9	-15099,6	26388,78

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,9681 kap:

Tab.7-31a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	396,884	-0,135	0,779	15,577	90	11298,72
OKC	118,259	-0,385	-7,508	3,905	89,501	3408,07
U9	117,956	-0,73	-7,233	16,574	75,418	803,081
A	118,252	-0,396	-7,502	4,262	87,92	3122,693
PROS	117,975	-0,733	-7,25	23,699	74,141	561,627
U14	117,595	-0,786	-6,904	10,533	73,537	1263,69
U12	118,196	-0,424	-7,451	4,512	85,965	2950,171
U13	117,772	-0,681	-7,066	8,754	75,387	1520,467
U15	118,208	-0,44	-7,462	8,756	75,383	1520,173
U16	118,253	-0,393	-7,503	4,512	85,964	2950,077
U17	118,168	-0,471	-7,426	11,778	72,575	1130,072
U18	118,12	-0,503	-7,382	14,985	70,845	888,23
U19	117,518	2,194	-6,834	11,346	78,216	1173,113
PRT	117,058	7,093	-6,416	17,123	76,5	777,296
LUT	117,067	7,091	-6,425	22,227	73,723	598,823
U21	117,31	4,331	-6,646	15,568	76,974	854,977
U23	118,084	-0,487	-7,349	4,75	85,046	2802,309
U22	118,244	-0,397	-7,494	4,032	88,939	3301,115
U24	118,069	-0,498	-7,336	4,794	84,929	2776,634
U25	118,028	-0,53	-7,298	4,869	84,67	2733,597
U26	118,105	-0,48	-7,368	4,656	85,351	2858,632
U27	118,253	-0,393	-7,503	5,349	84,781	2488,27
U28	118,228	-0,409	-7,48	4,381	87,152	3038,035
U29	117,641	-0,772	-6,946	8,21	76,253	1621,247
U30	118,228	-0,409	-7,48	4,381	87,152	3038,035
U31	118,223	-0,417	-7,476	4,478	87,107	2972,159
U32	118,206	-0,433	-7,46	4,723	86,105	2818,393
U34	118,215	-0,426	-7,468	4,636	86,436	2870,771
U35	118,233	-0,408	-7,484	4,397	87,032	3026,834
U36	118,231	-0,409	-7,483	4,417	86,943	3013,457
U33	118,096	-0,504	-7,36	4,666	85,536	2852,357
U38	118,09	-0,509	-7,354	4,853	85,02	2742,581
U39	117,925	-0,639	-7,204	8,795	75,551	1513,425
U40	117,895	-0,669	-7,177	9,451	75,32	1408,281
U41	117,91	-0,662	-7,191	10,03	75,083	1327,037
VST	118,021	-0,611	-7,292	11,817	72,97	1126,38
U20a	117,4	7,448	-6,728	20,856	75,098	638,181
U20	119,775	-0,731	-8,887	10,451	84,49	1273,529
U42	117,923	8,005	-7,203	26,731	73,719	497,932
U43	119,864	-0,563	-8,967	12,168	82,092	1093,853
U44	25,235	3,811	-14,706	2,664	85,695	199,844
U45	25,363	4,198	-15,286	2,874	83,441	185,267
U47	0,802	6,514	-16,23	0,004	83,363	131,937
U46	25,364	4,197	-15,29	3,303	79,808	161,185
U48	24,819	11,147	-12,815	2,495	81,234	213,4
U49	25,502	13,069	-15,919	3,501	73,994	152,068

Tab.7-31b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U50	0,804	14,706	-16,456	0,004	76,003	126,327
U51	25,542	13,011	-16,102	6,509	66,046	81,793
U52	119,765	-0,771	-8,877	9,935	85,317	1339,722
U53	117,056	7,188	-6,414	17,283	76,484	770,107
U54	12,133	9,362	-21,329	0,284	80,08	387,39
U55	12,135	9,07	-21,351	0,249	79,501	442,493
U56	119,739	-0,704	-8,854	13,014	80,997	1022,763
U60	120,312	-0,499	-9,374	6,084	89,366	2187,833
U57	119,743	-0,703	-8,857	13,023	80,982	1022,038
U58	119,748	-0,701	-8,861	13,035	80,963	1021,117
U59	119,933	-0,645	-9,03	12,766	80,755	1042,644
U58	119,77	-0,751	-8,882	10,199	84,885	1305,08
U61	399,604	-0,088	0,099	12,635	90	13929,28

Tab.7-32a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	132,942	106,673	14,13	90	-26426,6	-87483,5	91387,8
T401	U0	66,471	106,673	4,472	89,218	-13213,3	-43741,9	45694,06
T401	OKC	219,74	106,673	4,472	89,218	13203,57	43029,37	45009,56
T402	U0	66,471	106,673	4,472	89,218	-13213,3	-43741,9	45694,06
T402	OKC	219,74	106,673	4,472	89,218	13203,57	43029,37	45009,56
573	OKC	34,717	-179,998	0,374	71,186	-7110,85	48,105	7111,016
573	A	34,716	179,719	0,374	71,186	7110,417	-14,202	7110,431
573	U9	35,156	-9,624	12,424	71,19	7096,189	1110,58	7182,569
573	A	34,718	-0,29	12,424	71,19	-7110,8	13,116	7110,813
RYC	U9	35,807	-14,8	1901,911	14,07	7096,149	1778,464	7315,618
571	U9	3,27	-90,729	7,132	71,188	0,011	668,026	668,026
571	PROS	0,001	-70,522	7,132	71,188	-0,036	-0,097	0,103
550A	OKC	88,853	166,998	0,659	64,535	-17760,4	-3975,3	18199,84
550A	U12	88,916	166,819	0,659	64,535	17753,67	4019,662	18203,03
550HUN	U14	89,539	-14,857	1,805	64,535	17690,25	4433,677	18237,39
550HUN	U13	89,353	-14,372	1,805	64,535	-17708,9	-4314,08	18226,79
550B	U12	88,917	166,818	4,396	64,535	-17753,9	-4020,09	18203,33
550B	U13	89,352	165,628	4,396	64,535	17708,83	4313,969	18226,71
HUN	U14	89,539	-14,856	758,255	14,07	17690,2	4433,576	18237,32
559A	OKC	14,227	-174,985	0,659	64,535	-2901,15	274,249	2914,084
559A	U16	14,203	-176,132	0,659	64,535	2900,979	-216,112	2909,017
559B	U15	14,19	-3,838	4,396	64,535	2900,142	172,21	2905,251
559B	U16	14,204	3,856	4,396	64,535	-2901,28	215,504	2909,274
559C	U15	14,19	176,161	3,061	64,535	-2900,16	-172,241	2905,267
559C	U17	14,329	170,861	3,061	64,535	2899,355	442,009	2932,853
559CHR	U17	14,329	170,862	3,231	64,535	-2899,34	-441,971	2932,83
559CHR	U18	14,605	165,428	3,231	64,535	2898,466	726,425	2988,109
CHR	U18	14,605	-14,572	4669,271	14,07	2898,461	726,417	2988,103
5576	OKC	340,179	26,18	9,066	72,345	62322,62	-31162,1	69679,15
5576	U19	342,082	26,847	9,066	72,345	-63282,7	29044,61	69629,69
ZDO	U19	51,111	-11,876	1327,481	14,07	10091,36	2529,141	10403,47
5578	U19	354,822	23,733	16,268	72,987	67179,37	-26515,6	72222,86

Tab.7-32b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5578	PRT	357,268	24,835	16,268	72,987	-68991	22073,83	72436,23
555	PRT	2,226	-82,909	5,187	64,535	-0,011	451,248	451,248
555	LUT	0	-82,927	5,187	64,535	0	-0,027	0,027
5577	PRT	327,336	-154,347	9,992	72,984	-62915,6	21125,28	66367,58
5577	U21	325,841	-155,085	9,992	72,984	61979,8	-23276,8	66206,54
PROST	PRT	161,498	-6,977	418,479	14,07	31761,49	7960,182	32743,81
NZAD	U21	3,041	-9,739	22271,34	14,07	599,371	150,218	617,909
5575	U21	323,343	-154,778	17,465	72,988	-61380,4	23427,06	65699,17
5575	OKC	320,328	-156,067	17,465	72,988	59791,24	-27019,7	65612,91
5505A	OKC	118,357	164,65	0,137	72,343	-23420,9	-6260,29	24243,18
5505A	U22	118,374	164,619	0,137	72,343	23419,19	6268,462	24243,6
5505B	U23	118,512	-15,626	1,198	64,535	23397,82	6330,083	24238,98
5505B	U22	118,377	-15,383	1,198	64,535	-23419,5	-6269,4	24244,15
OKD	U23	3,023	-14,557	22554,26	14,07	599,69	150,294	618,237
5508B	U24	115,505	164,316	0,382	72,343	-22796,2	-6187,48	23621,03
5508B	U25	115,554	164,227	0,382	72,343	22791,6	6210,863	23622,69
BAR	U25	175,904	-14,599	387,389	14,07	34881,39	8742,092	35960,2
5507	U25	60,42	-12,352	1,226	64,535	12089,63	2530,685	12351,66
5507	U26	60,313	-11,859	1,226	64,535	-12095,4	-2434,27	12337,92
BHN	U26	70,014	-14,55	973,923	14,07	13892,64	3481,823	14322,31
5506	U26	130,29	-13,304	1,102	64,535	25987,82	5915,67	26652,61
5506	OKC	130,184	-13,099	1,102	64,535	-26011,9	-5868,57	26665,73
5508A	U24	115,515	-15,691	0,137	72,343	22797,38	6190,796	23623
5508A	U23	115,497	-15,659	0,137	72,343	-22799	-6182,4	23622,41
5518	OKC	3,468	-170,469	2,983	72,343	-699,642	122,311	710,253
5518	U27	3,521	165,542	2,983	72,343	699,61	175,272	721,231
5519	OKC	3,468	-170,469	2,983	72,343	-699,642	122,311	710,253
5519	U27	3,521	165,542	2,983	72,343	699,61	175,272	721,231
FA	U27	7,043	-14,463	9693,827	14,07	1399,268	350,693	1442,545
5516	OKC	64,381	168,527	0,52	68,797	-12941,1	-2536,08	13187,29
5516	U28	64,428	168,316	0,52	68,797	12938,79	2579,587	13193,43
5516A	U28	64,428	168,316	8,472	64,537	-12938,8	-2579,59	13193,43
5516A	U29	65,232	165,158	8,472	64,537	12892,88	3231,27	13291,63
5517	OKC	64,381	168,527	0,52	68,797	-12941,1	-2536,08	13187,29
5517	U30	64,428	168,316	0,52	68,797	12938,79	2579,587	13193,43
5517A	U30	64,428	168,316	8,472	64,537	-12938,8	-2579,59	13193,43
5517A	U29	65,232	165,158	8,472	64,537	12892,88	3231,27	13291,63
UHD	U29	130,464	-14,842	520,602	14,07	25785,75	6462,517	26583,25
5504	OKC	60,605	168,7	0,713	72,343	-12189,2	-2350,63	12413,75
5504	U31	60,672	168,377	0,713	72,343	12186,78	2414,262	12423,62
5503A	OKC	54,372	169,676	1,001	72,343	-10970	-1922,24	11137,11
5503A	U34	54,458	169,171	1,001	72,343	10967,27	2013,617	11150,59
5502a	OKC	51,053	171,535	0,606	68,797	-10353,5	-1469,73	10457,28
5502a	U35	51,094	171,222	0,606	68,797	10351,76	1523,112	10463,22
5501A	OKC	51,893	171,39	0,637	68,797	-10519,9	-1520,67	10629,21
5501A	U36	51,936	171,066	0,637	68,797	10518,01	1576,557	10635,51
5501B	U36	51,938	171,062	2,63	64,535	-10518,3	-1577,31	10635,92
5501B	U33	52,118	169,824	2,63	64,535	10509,12	1791,165	10660,67

Tab.7-32c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5502B	U35	51,093	171,224	2,715	64,422	-10351,6	-1522,73	10463
5502B	U33	51,269	169,972	2,715	64,422	10342,39	1735,097	10486,92
5503B	U34	54,46	169,168	2,122	64,535	-10967,5	-2014,21	11150,91
5503B	U33	54,633	168,22	2,122	64,535	10959,34	2185,156	11175,06
5509B	U32	48,15	168,876	2,19	64,535	-9687,03	-1828,87	9858,159
5509B	U33	48,334	167,771	2,19	64,535	9680,455	2009,138	9886,751
5509A	U31	48,108	169,135	0,443	72,343	-9687,59	-1786,47	9850,931
5509A	U32	48,147	168,882	0,443	72,343	9686,655	1827,708	9857,576
MLE	U31	12,58	-14,487	5425,811	14,07	2498,686	626,225	2575,964
MAD	U33	122,911	-14,574	554,734	14,07	24387,05	6111,968	25141,29
5573	U33	19,351	165,953	0,383	72,343	-3848,2	-926,95	3958,264
5573	U38	19,396	165,417	0,383	72,343	3848,066	964,677	3967,141
5572	U33	19,351	165,953	0,383	72,343	-3848,2	-926,95	3958,264
5572	U38	19,396	165,417	0,383	72,343	3848,066	964,677	3967,141
SVIT	U38	38,79	-14,579	1757,66	14,07	7695,915	1928,776	7933,932
5574A	U33	36,346	174,989	5,184	64,535	-7411,47	-584,266	7434,463
5574A	U39	36,588	171,486	5,184	64,535	7402,582	1023,908	7473,059
5574B	U39	36,586	171,489	1,074	72,343	-7402,4	-1023,44	7472,813
5574B	U40	36,661	170,682	1,074	72,343	7401,089	1125,814	7486,226
SLU	U40	47,431	-14,739	1435,055	14,07	9394,896	2354,588	9685,462
568B	U40	11,468	-32,31	1,074	72,343	1993,689	1228,477	2341,784
568B	U41	11,203	-30,039	1,074	72,343	-1993,82	-1122,39	2288,023
568A	U41	11,203	-30,037	8,473	64,537	1993,796	1122,303	2287,966
568A	VST	9,931	-11,29	8,473	64,537	-1995	-376,218	2030,16
567	U33	10,569	-157,964	13,655	64,54	-1996,75	828,715	2161,891
567	VST	9,931	168,71	13,655	64,54	1994,998	376,224	2030,163
5594A	PRT	124,154	2,847	3,736	68,797	25103,18	1863,74	25172,27
5594A	U20a	124,033	3,641	3,736	68,797	-25165,6	-1674,59	25221,26
5594B	U20a	124,033	3,641	5,862	68,947	25165,59	1674,536	25221,24
5594B	U42	123,873	4,86	5,862	68,947	-25262,7	-1388,27	25300,77
KNC	U20	30,808	-14,801	2244,602	14,07	6199,639	1553,778	6391,381
V8	U20	58,154	2,756	3,582	71,764	12042,04	-733,824	12064,38
V8	U43	58,239	3,961	3,582	71,764	-12053,4	953,775	12091,1
T3	U43	109,25	-0,12	2,037	86,602	22680,76	-175,339	22681,44
T3	U44	522,5	-0,12	2,037	86,602	-22784,1	-1565,77	22837,88
K2	U44	261,25	-0,12	0,471	57,109	11392,06	782,868	11418,92
K2	U45	261,066	0,481	0,471	57,109	-11444,4	-743,532	11468,56
K1	U44	261,25	-0,12	0,471	57,109	11392,06	782,868	11418,92
K1	U45	261,066	0,481	0,471	57,109	-11444,4	-743,532	11468,56
T4	U45	521,962	0,782	0,001	83,169	22888,91	1366,185	22929,64
T4	U47	16642,28	0,782	0,001	83,169	-23001,8	-2308,86	23117,41
K3	U45	2,756	-85,771	0,471	57,109	0,065	121,052	121,052
K3	U46	0,003	-55,483	0,471	57,109	-0,067	-0,114	0,133
T1	U42	123,873	4,86	1,273	87,877	25262,69	1388,32	25300,81
T1	U48	592,435	4,86	1,273	87,877	-25314,6	-2788,82	25467,76
K4	U48	296,217	4,86	2,121	57,118	12657,3	1394,404	12733,88
K4	U49	294,917	7,229	2,121	57,118	-12959,2	-1325,59	13026,83
K5	U48	296,217	4,86	2,121	57,118	12657,3	1394,404	12733,88

Tab.7-32d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
K5	U49	294,917	7,229	2,121	57,118	-12959,2	-1325,59	13026,83
T2	U49	588,286	8,974	0,001	85,737	25918,95	1855,62	25985,29
T2	U50	18756,96	8,974	0,001	85,737	-25975	-2607,3	26105,51
K6	U49	18,011	-76,97	3,063	57,128	-0,541	795,574	795,574
K6	U51	0	169,778	3,063	57,128	0,001	0,001	0,001
AS2	U50	18756,96	-171,026	0,025	-174,268	-25975	-2607,28	26105,51
AS1	U47	16642,27	-179,218	0,028	-174,268	-23001,8	-2308,85	23117,41
AS3	U20	29,884	179,269	2314,022	-180	-6199,64	0	6199,639
AS4	PRT	4,926	-172,907	13719,13	-180	-998,794	0	998,794
AS5	U19	30,434	-177,806	2229,387	-180	-6194,71	0	6194,706
BO	U52	147,149	-18,966	469,907	18,195	28998,16	9531,228	30524,38
K7	PRT	703,324	22,362	0,159	74,831	137565,5	-37554,1	142599,3
K7	U53	708,03	23,704	0,159	74,831	-137628	40808,59	143550,4
T5	U53	297,611	23,873	0,084	87,159	57798,94	-17324,2	60339,41
T5	U54	2846,71	23,873	0,084	87,159	-57914,8	14989,42	59823,15
T6	U53	205,212	23,581	0,106	88,915	39914,74	-11742	41606,02
T6	U55	1962,9	23,581	0,106	88,915	-39941,3	10337,37	41257,38
SS1	U54	2846,709	-156,127	2,461	165,489	-57914,8	14989,44	59823,14
T7	U53	205,212	23,581	0,106	88,915	39914,74	-11742	41606,02
T7	U55	1962,9	23,581	0,106	88,915	-39941,3	10337,37	41257,38
SS2	U55	1472,175	-156,419	4,759	165,489	-29956	7753,109	30943,03
SS3	U55	1472,175	-156,419	4,759	165,489	-29956	7753,109	30943,03
SS4	U55	981,452	-156,419	7,139	165,489	-19970,7	5168,69	20628,73
V9	U43	51,326	175,248	3,582	71,764	-10627,3	-778,344	10655,77
V9	U56	51,428	173,885	3,582	71,764	10618,43	1005,846	10665,96
5597	U52	99,438	-35,47	4,628	80,297	16958,69	11742,48	20627,24
5597	U60	97,689	-33,968	4,628	80,297	-16981,4	-11226,8	20357,06
VOP	U56	76,129	-18,899	908,085	18,195	14999,27	4930,022	15788,71
526c	U56	28,339	-42,533	0,083	72,343	4379,355	3919,624	5877,262
526c	U57	28,311	-42,471	0,083	72,343	-4379,42	-3911,3	5871,758
526b	U57	28,329	-42,492	0,113	72,343	4380,802	3915,358	5875,496
526b	U58	28,292	-42,407	0,113	72,343	-4380,89	-3904,06	5868,038
526a	U58	28,295	-42,411	4,589	72,344	4381,024	3904,656	5868,535
526a	U59	26,84	-38,799	4,589	72,344	-4384,2	-3444,33	5575,353
526	U59	26,839	-38,798	11,171	72,346	4384,148	3444,179	5575,224
526	U60	23,817	-28,29	11,171	72,346	-4390,64	-2314,1	4963,147
V18	U20	59,084	-169,977	0,412	72,343	-12042,2	2287,167	12257,44
V18	U58	59,047	-170,171	0,412	72,343	12040,86	-2249,09	12249,11
V17	U58	59,046	-170,165	0,412	72,343	-12040,5	2250,14	12249
V17	U52	59,009	-170,359	0,412	72,343	12039,24	-2212,07	12240,77
t402	U60	121,413	147,144	5,411	89,218	21372,1	13541,12	25300,76
t402	U61	36,727	147,144	5,411	89,218	-21375,1	-13758,6	25420,34
Čebín	U61	36,727	147,145	11,484	90	-21375,1	-13758	25419,98

Vypočítané hodnoty při dodávaném maximálním výkonu výrobnou do sítě a při účinníku 0,9983 kap:

Tab.7-34a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,483	-0,344	0,379	15,577	90	11298,72
OKC	119,661	-1,001	-8,783	3,905	89,501	3408,07
U9	119,359	-1,342	-8,508	16,574	75,418	803,081
A	119,654	-1,011	-8,776	4,262	87,92	3122,693
PROS	119,378	-1,346	-8,526	23,699	74,141	561,627
U14	118,994	-1,4	-8,176	10,533	73,537	1263,69
U12	119,598	-1,04	-8,726	4,512	85,965	2950,171
U13	119,172	-1,295	-8,338	8,754	75,387	1520,467
U15	119,61	-1,055	-8,736	8,756	75,383	1520,173
U16	119,655	-1,008	-8,778	4,512	85,964	2950,077
U17	119,571	-1,086	-8,701	11,778	72,575	1130,072
U18	119,522	-1,117	-8,657	14,985	70,845	888,23
U19	120,067	0,533	-9,152	11,346	78,216	1173,113
PRT	121,299	3,472	-10,272	17,123	76,5	777,296
LUT	121,309	3,47	-10,281	22,227	73,723	598,823
U21	120,668	1,836	-9,698	15,568	76,974	854,977
U23	119,486	-1,102	-8,624	4,75	85,046	2802,309
U22	119,646	-1,013	-8,769	4,032	88,939	3301,115
U24	119,471	-1,113	-8,61	4,794	84,929	2776,634
U25	119,43	-1,144	-8,572	4,869	84,67	2733,597
U26	119,507	-1,095	-8,643	4,656	85,351	2858,632
U27	119,655	-1,009	-8,777	5,349	84,781	2488,27
U28	119,63	-1,025	-8,754	4,381	87,152	3038,035
U29	119,04	-1,385	-8,218	8,21	76,253	1621,247
U30	119,63	-1,025	-8,754	4,381	87,152	3038,035
U31	119,625	-1,033	-8,75	4,478	87,107	2972,159
U32	119,608	-1,048	-8,734	4,723	86,105	2818,393
U34	119,617	-1,041	-8,743	4,636	86,436	2870,771
U35	119,635	-1,024	-8,759	4,397	87,032	3026,834
U36	119,633	-1,025	-8,757	4,417	86,943	3013,457
U33	119,498	-1,119	-8,635	4,666	85,536	2852,357
U38	119,492	-1,124	-8,629	4,853	85,02	2742,581
U39	119,327	-1,253	-8,479	8,795	75,551	1513,425
U40	119,297	-1,282	-8,452	9,451	75,32	1408,281
U41	119,313	-1,275	-8,466	10,03	75,083	1327,037
VST	119,423	-1,224	-8,567	11,817	72,97	1126,38
U20a	121,606	3,735	-10,551	20,856	75,098	638,181
U20	119,824	-0,799	-8,931	10,451	84,49	1273,529
U42	122,068	4,15	-10,971	26,731	73,719	497,932
U43	119,903	-0,658	-9,003	12,168	82,092	1093,853
U44	25,244	3,167	-14,744	2,664	85,695	199,844
U45	25,356	3,504	-15,256	2,874	83,441	185,267
U47	0,801	5,532	-16,093	0,004	83,363	131,937

Tab.7-34b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U46	25,357	3,502	-15,261	3,303	79,808	161,185
U48	25,699	6,531	-16,812	2,495	81,234	213,4
U49	26,255	7,968	-19,339	3,501	73,994	152,068
U50	0,826	9,218	-19,77	0,004	76,003	126,327
U51	26,296	7,909	-19,527	6,509	66,046	81,793
U52	119,816	-0,833	-8,923	9,935	85,317	1339,722
U53	121,326	3,533	-10,296	17,283	76,484	770,107
U54	12,677	4,968	-26,773	0,284	80,08	387,39
U55	12,67	4,791	-26,7	0,249	79,501	442,493
U56	119,784	-0,784	-8,895	13,014	80,997	1022,763
U60	120,349	-0,539	-9,408	6,084	89,366	2187,833
U57	119,787	-0,783	-8,898	13,023	80,982	1022,038
U58	119,792	-0,781	-8,902	13,035	80,963	1021,117
U59	119,975	-0,714	-9,068	12,766	80,755	1042,644
U58	119,82	-0,816	-8,927	10,199	84,885	1305,08
U61	399,626	-0,095	0,093	12,635	90	13929,28

Tab.7-35a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	116,013	147,524	14,13	90	-67806,6	-42587,3	80071,28
T401	U0	58,007	147,524	4,472	89,218	-33903,3	-21293,9	40035,78
T401	OKC	191,758	147,524	4,472	89,218	33895,87	20751,3	39743,51
T402	U0	58,007	147,524	4,472	89,218	-33903,3	-21293,9	40035,78
T402	OKC	191,758	147,524	4,472	89,218	33895,87	20751,3	39743,51
573	OKC	34,781	179,539	0,374	71,186	-7208,41	67,981	7208,733
573	A	34,78	179,253	0,374	71,186	7207,975	-33,245	7208,052
573	U9	35,215	-10,184	12,424	71,19	7193,621	1118,987	7280,131
573	A	34,782	-0,754	12,424	71,19	-7208,28	32,431	7208,354
RYC	U9	35,872	-15,412	1921,037	14,07	7193,591	1802,883	7416,073
571	U9	3,308	-91,343	7,132	71,188	-0,007	683,956	683,956
571	PROS	0	-70,455	7,132	71,188	-0,018	-0,047	0,05
550A	OKC	89,246	166,4	0,659	64,535	-18051,7	-4034,55	18497,05
550A	U12	89,309	166,219	0,659	64,535	18044,91	4080,189	18500,46
550HUN	U14	89,941	-15,469	1,805	64,535	17981,09	4506,446	18537,2
550HUN	U13	89,752	-14,981	1,805	64,535	-17999,9	-4383,4	18525,93
550B	U12	89,313	166,217	4,396	64,535	-18045,4	-4081,24	18501,17
550B	U13	89,753	165,018	4,396	64,535	17999,95	4383,554	18526,03
HUN	U14	89,941	-15,469	763,844	14,07	17981,11	4506,494	18537,23
559A	OKC	14,233	-175,365	0,659	64,535	-2935,64	289,719	2949,902
559A	U16	14,207	-176,525	0,659	64,535	2935,469	-230,188	2944,48
559B	U15	14,189	-4,325	4,396	64,535	2934,707	167,644	2939,491
559B	U16	14,209	3,459	4,396	64,535	-2935,85	229,378	2944,794
559C	U15	14,188	175,68	3,061	64,535	-2934,58	-167,391	2939,352
559C	U17	14,327	170,315	3,061	64,535	2933,781	443,639	2967,134
559CHR	U17	14,327	170,312	3,231	64,535	-2933,85	-443,795	2967,227
559CHR	U18	14,606	164,813	3,231	64,535	2932,98	735,087	3023,694

Tab.7-35b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
CHR	U18	14,606	-15,187	4724,548	14,07	2932,977	735,068	3023,687
5576	OKC	205,629	9,594	9,066	72,345	41891,87	-7836,3	42618,5
5576	U19	206,44	10,818	9,066	72,345	-42242,1	7665,475	42931,97
ZDO	U19	50,981	-13,537	1359,73	14,07	10284,18	2577,461	10602,25
5578	U19	223,561	6,816	16,268	72,987	46213,18	-5088,13	46492,44
5578	PRT	224,313	8,722	16,268	72,987	-46929,7	4312,206	47127,43
555	PRT	2,306	-86,526	5,187	64,535	0,011	484,56	484,56
555	LUT	0	-60,96	5,187	64,535	-0,023	-0,048	0,053
5577	PRT	203,258	-170,041	9,992	72,984	-42430,4	4824,503	42703,81
5577	U21	202,723	-171,333	9,992	72,984	42068,89	-5039,62	42369,67
PROST	PRT	156,144	-10,597	448,51	14,07	31821,24	7975,162	32805,41
NZAD	U21	3,005	-12,234	23186,01	14,07	609,154	152,671	627,994
5575	U21	199,919	-171,026	17,465	72,988	-41459,7	5192,297	41783,6
5575	OKC	198,886	-173,307	17,465	72,988	40849,79	-5518,99	41220,93
5505A	OKC	118,413	164,049	0,137	72,343	-23711,5	-6331,06	24542,17
5505A	U22	118,43	164,018	0,137	72,343	23709,77	6339,55	24542,68
5505B	U23	118,583	-16,239	1,198	64,535	23689,98	6408,275	24541,42
5505B	U22	118,446	-15,994	1,198	64,535	-23711,7	-6345,11	24545,98
OKD	U23	3,023	-15,172	22817,72	14,07	606,922	152,114	625,694
5508B	U24	115,576	163,703	0,382	72,343	-23081,2	-6264,23	23916,17
5508B	U25	115,625	163,613	0,382	72,343	23076,58	6288,507	23918,07
BAR	U25	176,032	-15,214	391,707	14,07	35321,19	8852,326	36413,6
5507	U25	60,475	-12,967	1,226	64,535	12244,44	2563,219	12509,85
5507	U26	60,368	-12,469	1,226	64,535	-12250,2	-2464,24	12495,61
BHN	U26	70,015	-15,165	985,472	14,07	14057,71	3523,189	14492,49
5506	U26	130,346	-13,916	1,102	64,535	26307,84	5987,203	26980,53
5506	OKC	130,239	-13,709	1,102	64,535	-26332	-5937,82	26993,16
5508A	U24	115,585	-16,304	0,137	72,343	23082,29	6267,424	23918,04
5508A	U23	115,567	-16,272	0,137	72,343	-23083,9	-6258,71	23917,36
5518	OKC	3,466	-170,762	2,983	72,343	-706,932	127,695	718,373
5518	U27	3,516	164,935	2,983	72,343	706,9	176,988	728,72
5519	OKC	3,466	-170,762	2,983	72,343	-706,932	127,695	718,373
5519	U27	3,516	164,935	2,983	72,343	706,9	176,988	728,72
FA	U27	7,033	-15,079	9822,077	14,07	1413,938	354,372	1457,669
5516	OKC	64,642	167,943	0,52	68,797	-13148,9	-2569,26	13397,55
5516	U28	64,689	167,73	0,52	68,797	13146,53	2613,905	13403,87
5516A	U28	64,691	167,727	8,472	64,537	-13146,8	-2614,56	13404,26
5516A	U29	65,503	164,545	8,472	64,537	13100,5	3283,318	13505,68
5517	OKC	64,642	167,943	0,52	68,797	-13148,9	-2569,26	13397,55
5517	U30	64,689	167,73	0,52	68,797	13146,53	2613,905	13403,87
5517A	U30	64,691	167,727	8,472	64,537	-13146,8	-2614,56	13404,26
5517A	U29	65,503	164,545	8,472	64,537	13100,5	3283,318	13505,68
UHD	U29	131,006	-15,455	524,616	14,07	26200,98	6566,579	27011,32
5504	OKC	60,615	168,138	0,713	72,343	-12337,9	-2367,14	12562,91
5504	U31	60,682	167,812	0,713	72,343	12335,5	2432,464	12573,04
5503A	OKC	54,397	169,117	1,001	72,343	-11107,1	-1934,79	11274,34
5503A	U34	54,484	168,606	1,001	72,343	11104,39	2028,542	11288,16

Tab.7-35c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5503A	U34	54,484	168,606	1,001	72,343	11104,39	2028,542	11288,16
5502a	OKC	51,075	170,982	0,606	68,797	-10482,2	-1476,38	10585,71
5502a	U35	51,115	170,665	0,606	68,797	10480,53	1531,139	10591,78
5501A	OKC	51,918	170,83	0,637	68,797	-10651,2	-1528,96	10760,41
5501A	U36	51,961	170,503	0,637	68,797	10649,37	1586,289	10766,87
5501B	U36	51,961	170,502	2,63	64,535	-10649,4	-1586,44	10766,92
5501B	U33	52,143	169,249	2,63	64,535	10640,21	1805,845	10792,37
5502B	U35	51,117	170,662	2,715	64,422	-10480,7	-1531,58	10592,04
5502B	U33	51,294	169,397	2,715	64,422	10471,51	1749,454	10616,64
5503B	U34	54,485	168,605	2,122	64,535	-11104,5	-2028,87	11288,36
5503B	U33	54,659	167,646	2,122	64,535	11096,39	2204,288	11313,21
5509B	U32	48,177	168,315	2,19	64,535	-9809,16	-1842,3	9980,669
5509B	U33	48,363	167,197	2,19	64,535	9802,581	2027,189	10010
5509A	U31	48,135	168,574	0,443	72,343	-9809,83	-1799,28	9973,469
5509A	U32	48,175	168,319	0,443	72,343	9808,89	1841,569	9980,266
MLE	U31	12,566	-15,103	5496,032	14,07	2525,614	632,982	2603,727
MAD	U33	122,931	-15,189	561,229	14,07	24680,6	6185,533	25443,92
5573	U33	19,35	165,366	0,383	72,343	-3894,16	-935,981	4005,063
5573	U38	19,395	164,824	0,383	72,343	3894,028	974,619	4014,142
5572	U33	19,35	165,366	0,383	72,343	-3894,16	-935,981	4005,063
5572	U38	19,395	164,824	0,383	72,343	3894,028	974,619	4014,142
SVIT	U38	38,798	-15,194	1778,128	14,07	7789,043	1952,123	8029,942
5574A	U33	36,419	174,476	5,184	64,535	-7515,68	-579,04	7537,951
5574A	U39	36,661	170,938	5,184	64,535	7506,755	1029,563	7577,029
5574B	U39	36,662	170,936	1,074	72,343	-7506,89	-1029,85	7577,203
5574B	U40	36,737	170,12	1,074	72,343	7505,575	1134,762	7590,872
SLU	U40	47,534	-15,352	1448,991	14,07	9527,182	2387,736	9821,837
568B	U40	11,51	-33,072	1,074	72,343	2021,601	1252,934	2378,385
568B	U41	11,241	-30,785	1,074	72,343	-2021,73	-1144,3	2323,102
568A	U41	11,242	-30,789	8,473	64,537	2021,82	1144,537	2323,3
568A	VST	9,952	-11,878	8,473	64,537	-2023,03	-380,56	2058,51
567	U33	10,616	-158,265	13,655	64,54	-2024,73	853,346	2197,213
567	VST	9,951	168,124	13,655	64,54	2022,973	380,457	2058,438
5594A	PRT	98,39	-4,507	3,736	68,797	20471,28	2869,637	20671,43
5594A	U20a	98,154	-3,475	3,736	68,797	-20510,4	-2594,8	20673,92
5594B	U20a	98,154	-3,475	5,862	68,947	20510,44	2594,773	20673,92
5594B	U42	97,838	-1,886	5,862	68,947	-20571,1	-2175,05	20685,77
KNC	U20	30,017	-14,868	2304,749	14,07	6042,791	1514,456	6229,679
V8	U20	49,19	1,836	3,582	71,764	10198,28	-469,321	10209,07
V8	U43	49,261	3,262	3,582	71,764	-10206,4	699,295	10230,35
T3	U43	95,671	-1,23	2,037	86,602	19867,8	198,592	19868,79
T3	U44	457,557	-1,23	2,037	86,602	-19947,1	-1533,79	20005,96
K2	U44	228,779	-1,23	0,471	57,109	9973,552	766,92	10003
K2	U45	228,577	-0,544	0,471	57,109	-10013,7	-708,681	10038,76
K1	U44	228,779	-1,23	0,471	57,109	9973,552	766,92	10003
K1	U45	228,577	-0,544	0,471	57,109	-10013,7	-708,681	10038,76
T4	U45	456,967	-0,2	0,001	83,169	20027,4	1296,464	20069,32

Tab.7-35d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T4	U47	14569,96	-0,2	0,001	83,169	-20114	-2018,99	20215,03
K3	U45	2,753	-86,494	0,471	57,109	0,005	120,897	120,897
K3	U46	0	-67,874	0,471	57,109	-0,007	-0,02	0,021
T1	U42	97,838	-1,886	1,273	87,877	20571,08	2175,02	20685,75
T1	U48	467,922	-1,886	1,273	87,877	-20603,5	-3048,69	20827,81
K4	U48	233,961	-1,886	2,121	57,118	10301,73	1524,316	10413,89
K4	U49	232,284	1,206	2,121	57,118	-10489,5	-1243,7	10562,98
K5	U48	233,961	-1,886	2,121	57,118	10301,73	1524,316	10413,89
K5	U49	232,284	1,206	2,121	57,118	-10489,5	-1243,7	10562,98
T2	U49	462,764	3,486	0,001	85,737	20979,59	1644,212	21043,92
T2	U50	14754,78	3,486	0,001	85,737	-21014,3	-2109,34	21119,86
K6	U49	18,542	-82,072	3,063	57,128	-0,578	843,208	843,208
K6	U51	0	139,076	3,063	57,128	0,006	0,007	0,009
AS2	U50	14754,79	-176,514	0,032	-174,268	-21014,3	-2109,34	21119,87
AS1	U47	14569,96	179,8	0,032	-174,268	-20113,9	-2018,97	20215,02
AS3	U20	29,116	179,201	2376,029	-180	-6042,79	0	6042,791
AS4	PRT	4,763	-176,528	14703,74	-180	-1000,67	0	1000,668
AS5	U19	30,357	-179,467	2283,553	-180	-6313,06	0	6313,055
BO	U52	143,38	-19,027	482,462	18,195	28267,54	9291,089	29755,31
K7	PRT	475,077	6,064	0,159	74,831	99710,2	-4512,87	99812,27
K7	U53	476,206	8,205	0,159	74,831	-99738,5	8150,571	100070,9
T5	U53	199,372	8,309	0,084	87,159	41750,98	-3488,31	41896,45
T5	U54	1907,035	8,309	0,084	87,159	-41803	2440,533	41874,17
T6	U53	138,416	8,132	0,106	88,915	28993,38	-2332,4	29087,05
T6	U55	1323,979	8,132	0,106	88,915	-29005,5	1693,367	29054,87
SS1	U54	1907,036	-171,691	3,838	176,659	-41803	2440,605	41874,18
T7	U53	138,416	8,132	0,106	88,915	28993,38	-2332,4	29087,05
T7	U55	1323,979	8,132	0,106	88,915	-29005,5	1693,367	29054,87
SS2	U55	992,986	-171,867	7,367	176,659	-21754,1	1270,11	21791,18
SS3	U55	992,986	-171,867	7,367	176,659	-21754,1	1270,11	21791,18
SS4	U55	661,988	-171,868	11,05	176,659	-14502,7	846,633	14527,39
V9	U43	46,721	174,034	3,582	71,764	-9661,32	-897,739	9702,939
V9	U56	46,849	172,54	3,582	71,764	9653,959	1130,02	9719,87
5597	U52	102,437	-32,614	4,628	80,297	18071,13	11196,36	21258,51
5597	U60	100,822	-31,108	4,628	80,297	-18095,3	-10688,6	21016,33
VOP	U56	74,208	-18,979	931,944	18,195	14626,19	4807,392	15395,99
526c	U56	29,797	-37,255	0,083	72,343	4971,365	3674,75	6182,092
526c	U57	29,773	-37,192	0,083	72,343	-4971,43	-3666,44	6177,208
526b	U57	29,803	-37,232	0,113	72,343	4973,901	3673,679	6183,495
526b	U58	29,77	-37,146	0,113	72,343	-4973,99	-3662,4	6176,877
526a	U58	29,75	-37,12	4,589	72,344	4972,355	3657,675	6172,755
526a	U59	28,465	-33,444	4,589	72,344	-4975,89	-3198,15	5915,036
526	U59	28,465	-33,444	11,171	72,346	4975,883	3198,127	5915,017
526	U60	25,888	-23,099	11,171	72,346	-4983,36	-2070,37	5396,321
V18	U20	50,059	-169,784	0,412	72,343	-10197,9	1984,997	10389,29
V18	U58	50,02	-170,013	0,412	72,343	10196,96	-1945,73	10380,93
V17	U58	50,022	-170,03	0,412	72,343	-10197,9	1942,646	10381,32

Tab.7-35e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
V17	U52	49,984	-170,259	0,412	72,343	10197	-1903,38	10373,12
t402	U60	126,508	150,525	5,411	89,218	23078,66	12758,98	26370,74
t402	U61	38,269	150,525	5,411	89,218	-23081,9	-12995,2	26488,63
Čebín	U61	38,268	150,527	11,484	90	-23081,9	-12994,2	26488,15

Vypočítané hodnoty při účinníku 0,96 kap a výkonu výroby 121,5 MW:

Tab.7-38a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	397,07	-0,213	0,732	15,577	90	11298,72
OKC	118,421	-0,615	-7,655	3,905	89,501	3408,07
U9	118,119	-0,958	-7,381	16,574	75,418	803,081
A	118,414	-0,625	-7,649	4,262	87,92	3122,693
PROS	118,138	-0,961	-7,398	23,699	74,141	561,627
U14	117,757	-1,015	-7,052	10,533	73,537	1263,69
U12	118,358	-0,653	-7,598	4,512	85,965	2950,171
U13	117,935	-0,91	-7,213	8,754	75,387	1520,467
U15	118,369	-0,669	-7,609	8,756	75,383	1520,173
U16	118,415	-0,622	-7,65	4,512	85,964	2950,077
U17	118,33	-0,7	-7,573	11,778	72,575	1130,072
U18	118,282	-0,732	-7,529	14,985	70,845	888,23
U19	117,667	1,644	-6,97	11,346	78,216	1173,113
PRT	117,054	5,968	-6,413	17,123	76,5	777,296
LUT	117,063	5,965	-6,421	22,227	73,723	598,823
U21	117,419	3,532	-6,744	15,568	76,974	854,977
U23	118,246	-0,716	-7,496	4,75	85,046	2802,309
U22	118,406	-0,626	-7,641	4,032	88,939	3301,115
U24	118,231	-0,727	-7,483	4,794	84,929	2776,634
U25	118,19	-0,759	-7,445	4,869	84,67	2733,597
U26	118,267	-0,709	-7,515	4,656	85,351	2858,632
U27	118,415	-0,623	-7,65	5,349	84,781	2488,27
U28	118,39	-0,638	-7,627	4,381	87,152	3038,035
U29	117,803	-1,001	-7,094	8,21	76,253	1621,247
U30	118,39	-0,638	-7,627	4,381	87,152	3038,035
U31	118,385	-0,646	-7,623	4,478	87,107	2972,159
U32	118,367	-0,662	-7,607	4,723	86,105	2818,393
U34	118,377	-0,655	-7,615	4,636	86,436	2870,771
U35	118,394	-0,637	-7,631	4,397	87,032	3026,834
U36	118,392	-0,639	-7,63	4,417	86,943	3013,457
U33	118,258	-0,733	-7,507	4,666	85,536	2852,357
U38	118,252	-0,738	-7,501	4,853	85,02	2742,581
U39	118,087	-0,868	-7,352	8,795	75,551	1513,425
U40	118,057	-0,898	-7,325	9,451	75,32	1408,281
U41	118,073	-0,891	-7,339	10,03	75,083	1327,037
VST	118,183	-0,839	-7,439	11,817	72,97	1126,38
U20a	117,397	6,323	-6,724	20,856	75,098	638,181
U20	119,775	-0,731	-8,887	10,451	84,49	1273,529
U42	117,919	6,88	-7,199	26,731	73,719	497,932
U43	119,864	-0,563	-8,967	12,168	82,092	1093,853
U44	25,235	3,811	-14,706	2,664	85,695	199,844
U45	25,363	4,198	-15,286	2,874	83,441	185,267
U47	0,802	6,514	-16,23	0,004	83,363	131,937
U46	25,364	4,197	-15,29	3,303	79,808	161,185
U48	24,819	10,021	-12,811	2,495	81,234	213,4

Tab.7-38b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U49	25,501	11,944	-15,916	3,501	73,994	152,068
U50	0,804	13,581	-16,452	0,004	76,003	126,327
U51	25,542	11,886	-16,098	6,509	66,046	81,793
U52	119,765	-0,771	-8,877	9,935	85,317	1339,722
U53	117,048	6,052	-6,407	17,283	76,484	770,107
U54	12,131	7,986	-21,313	0,284	80,08	387,39
U55	12,136	7,699	-21,363	0,249	79,501	442,493
U56	119,739	-0,704	-8,854	13,014	80,997	1022,763
U60	120,312	-0,499	-9,374	6,084	89,366	2187,833
U57	119,743	-0,703	-8,857	13,023	80,982	1022,038
U58	119,748	-0,701	-8,861	13,035	80,963	1021,117
U59	119,933	-0,645	-9,03	12,766	80,755	1042,644
U58	119,77	-0,751	-8,882	10,199	84,885	1305,08
U61	399,604	-0,088	0,099	12,635	90	13929,28

Tab.7-39a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	134,092	116,671	14,13	90	-41700,3	-82254,6	92221,11
T401	U0	67,046	116,671	4,472	89,218	-20850,2	-41127,4	46110,69
T401	OKC	221,64	116,671	4,472	89,218	20840,28	40402,51	45460,75
T402	U0	67,046	116,671	4,472	89,218	-20850,2	-41127,4	46110,69
T402	OKC	221,64	116,671	4,472	89,218	20840,28	40402,51	45460,75
573	OKC	34,672	179,797	0,374	71,186	-7111,39	51,022	7111,569
573	A	34,671	179,512	0,374	71,186	7110,951	-17,021	7110,971
573	U9	35,105	-9,838	12,424	71,19	7095,928	1108,617	7182,007
573	A	34,669	-0,477	12,424	71,19	-7110,5	18,406	7110,521
RYC	U9	35,757	-15,028	1907,218	14,07	7095,91	1778,408	7315,372
571	U9	3,274	-90,96	7,132	71,188	-0,025	669,765	669,765
571	PROS	0	92,752	7,132	71,188	0	0,005	0,005
550A	OKC	88,729	166,773	0,659	64,535	-17760	-3973,98	18199,2
550A	U12	88,791	166,593	0,659	64,535	17753,32	4018,55	18202,45
550HUN	U14	89,413	-15,085	1,805	64,535	17689,75	4433,719	18236,92
550HUN	U13	89,226	-14,6	1,805	64,535	-17708,3	-4313,57	18226,13
550B	U12	88,79	166,594	4,396	64,535	-17753,1	-4017,97	18202,06
550B	U13	89,225	165,401	4,396	64,535	17708,14	4313,19	18225,85
HUN	U14	89,412	-15,085	760,379	14,07	17689,6	4433,437	18236,71
559A	OKC	14,21	-175,179	0,659	64,535	-2901,52	276,088	2914,625
559A	U16	14,186	-176,329	0,659	64,535	2901,348	-217,791	2909,511
559B	U15	14,169	-4,036	4,396	64,535	2900,03	170,63	2905,046
559B	U16	14,185	3,678	4,396	64,535	-2901,17	218,159	2909,357
559C	U15	14,169	175,963	3,061	64,535	-2900,04	-170,64	2905,058
559C	U17	14,309	170,648	3,061	64,535	2899,242	441,156	2932,614
559CHR	U17	14,309	170,647	3,231	64,535	-2899,25	-441,186	2932,626
559CHR	U18	14,585	165,198	3,231	64,535	2898,382	726,431	2988,029
CHR	U18	14,585	-14,801	4682,233	14,07	2898,368	726,399	2988,008
5576	OKC	299,208	26,989	9,066	72,345	54385,14	-28436,3	61370,72

Tab.7-39b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5576	U19	301,199	27,74	9,066	72,345	-55128,7	27001,6	61386,15
ZDO	U19	51,044	-12,425	1330,923	14,07	10090,92	2529,021	10403,01
5578	U19	313,521	24,164	16,268	72,987	59025,19	-24472,6	63897,42
5578	PRT	316,128	25,401	16,268	72,987	-60441,6	21324,35	64093
555	PRT	2,225	-84,035	5,187	64,535	-0,023	451,153	451,153
555	LUT	0	112,467	5,187	64,535	0,012	0,039	0,041
5577	PRT	289,506	-153,638	9,992	72,984	-55016,3	20454,37	58695,62
5577	U21	287,891	-154,464	9,992	72,984	54285,02	-21936,7	58549,83
PROST	PRT	161,491	-8,102	418,484	14,07	31759,05	7959,567	32741,28
NZAD	U21	3,038	-10,538	22313,67	14,07	599,342	150,212	617,879
5575	U21	285,441	-154,105	17,465	72,988	-53685,7	22086,85	58051,56
5575	OKC	282,281	-155,557	17,465	72,988	52449,46	-24522,3	57898,95
5505A	OKC	118,196	164,417	0,137	72,343	-23420,8	-6261,6	24243,35
5505A	U22	118,214	164,386	0,137	72,343	23419,02	6269,823	24243,79
5505B	U23	118,346	-15,855	1,198	64,535	23397,16	6329,93	24238,29
5505B	U22	118,211	-15,612	1,198	64,535	-23418,8	-6268,82	24243,3
OKD	U23	3,018	-14,786	22617,25	14,07	599,66	150,291	618,207
5508B	U24	115,348	164,083	0,382	72,343	-22796,1	-6188,88	23621,24
5508B	U25	115,397	163,994	0,382	72,343	22791,44	6212,408	23622,95
BAR	U25	175,657	-14,828	388,466	14,07	34880,21	8741,804	35958,98
5507	U25	60,334	-12,58	1,226	64,535	12089,05	2530,313	12351,02
5507	U26	60,227	-12,085	1,226	64,535	-12094,8	-2433,57	12337,19
BHN	U26	69,916	-14,779	976,627	14,07	13892,17	3481,71	14321,83
5506	U26	130,108	-13,533	1,102	64,535	25987,18	5915,73	26652
5506	OKC	130,003	-13,328	1,102	64,535	-26011,2	-5868,23	26664,96
5508A	U24	115,328	-15,902	0,137	72,343	22793,82	6181,942	23617,26
5508A	U23	115,311	-15,87	0,137	72,343	-22795,5	-6173,5	23616,64
5518	OKC	3,463	-170,646	2,983	72,343	-699,673	122,971	710,397
5518	U27	3,517	165,301	2,983	72,343	699,641	175,427	721,299
5519	OKC	3,463	-170,646	2,983	72,343	-699,673	122,971	710,397
5519	U27	3,517	165,301	2,983	72,343	699,641	175,427	721,299
FA	U27	7,033	-14,692	9720,647	14,07	1399,227	350,679	1442,502
5516	OKC	64,289	168,308	0,52	68,797	-12940,6	-2533,67	13186,33
5516	U28	64,336	168,096	0,52	68,797	12938,3	2577,332	13192,5
5516A	U28	64,335	168,097	8,472	64,537	-12938,2	-2577,16	13192,41
5516A	U29	65,14	164,929	8,472	64,537	12892,46	3231,17	13291,2
5517	OKC	64,289	168,308	0,52	68,797	-12940,6	-2533,67	13186,33
5517	U30	64,336	168,096	0,52	68,797	12938,3	2577,332	13192,5
5517A	U30	64,335	168,097	8,472	64,537	-12938,2	-2577,16	13192,41
5517A	U29	65,14	164,929	8,472	64,537	12892,46	3231,17	13291,2
UHD	U29	130,28	-15,07	522,06	14,07	25784,9	6462,308	26582,37
5504	OKC	60,517	168,484	0,713	72,343	-12188,7	-2347,55	12412,69
5504	U31	60,584	168,161	0,713	72,343	12186,3	2411,396	12422,59
5503A	OKC	54,295	169,458	1,001	72,343	-10969,8	-1919,92	11136,54
5503A	U34	54,381	168,951	1,001	72,343	10967,11	2011,597	11150,07
5502a	OKC	50,979	171,322	0,606	68,797	-10352,9	-1466,62	10456,29
5502a	U35	51,019	171,008	0,606	68,797	10351,21	1520,177	10462,24

Tab.7-39c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5501A	OKC	51,82	171,171	0,637	68,797	-10519,7	-1518,62	10628,78
5501A	U36	51,863	170,847	0,637	68,797	10517,87	1574,685	10635,09
5501B	U36	51,863	170,847	2,63	64,535	-10517,8	-1574,56	10635,04
5501B	U33	52,043	169,605	2,63	64,535	10508,68	1789,115	10659,89
5502B	U35	51,019	171,008	2,715	64,422	-10351,2	-1520,27	10462,29
5502B	U33	51,195	169,753	2,715	64,422	10342,06	1733,326	10486,31
5503B	U34	54,381	168,952	2,122	64,535	-10967	-2011,38	11149,95
5503B	U33	54,554	168,002	2,122	64,535	10958,91	2182,887	11174,2
5509B	U32	48,08	168,662	2,19	64,535	-9686,6	-1826,17	9857,24
5509B	U33	48,264	167,554	2,19	64,535	9680,048	2007,009	9885,92
5509A	U31	48,043	168,908	0,443	72,343	-9687,97	-1786	9851,224
5509A	U32	48,083	168,655	0,443	72,343	9687,042	1827,371	9857,894
MLE	U31	12,562	-14,716	5440,823	14,07	2498,612	626,214	2575,889
MAD	U33	122,738	-14,803	556,276	14,07	24386,22	6111,763	25140,44
5573	U33	19,327	165,712	0,383	72,343	-3848,39	-927,822	3958,656
5573	U38	19,371	165,175	0,383	72,343	3848,259	965,654	3967,567
5572	U33	19,327	165,712	0,383	72,343	-3848,39	-927,822	3958,656
5572	U38	19,371	165,175	0,383	72,343	3848,259	965,654	3967,567
SVIT	U38	38,735	-14,808	1762,545	14,07	7695,647	1928,707	7933,656
5574A	U33	36,293	174,788	5,184	64,535	-7411,22	-580,505	7433,921
5574A	U39	36,535	171,275	5,184	64,535	7402,36	1021,461	7472,504
5574B	U39	36,533	171,28	1,074	72,343	-7402,13	-1020,82	7472,187
5574B	U40	36,608	170,47	1,074	72,343	7400,823	1123,507	7485,616
SLU	U40	47,365	-14,967	1439,058	14,07	9394,589	2354,502	9685,142
568B	U40	11,455	-32,574	1,074	72,343	1993,439	1230,023	2342,383
568B	U41	11,19	-30,298	1,074	72,343	-1993,56	-1123,64	2288,42
568A	U41	11,192	-30,306	8,473	64,537	1993,731	1124,118	2288,8
568A	VST	9,917	-11,512	8,473	64,537	-1994,93	-375,965	2030,046
567	U33	10,561	-158,103	13,655	64,54	-1996,66	832,342	2163,198
567	VST	9,917	168,489	13,655	64,54	1994,91	375,927	2030,021
5594A	PRT	124,154	1,722	3,736	68,797	25102,42	1863,563	25171,5
5594A	U20a	124,033	2,516	3,736	68,797	-25164,9	-1674,44	25220,5
5594B	U20a	124,033	2,516	5,862	68,947	25164,79	1674,226	25220,42
5594B	U42	123,873	3,735	5,862	68,947	-25261,9	-1388	25299,96
KNC	U20	30,808	-14,801	2244,602	14,07	6199,639	1553,778	6391,381
V8	U20	58,154	2,756	3,582	71,764	12042,04	-733,824	12064,38
V8	U43	58,239	3,961	3,582	71,764	-12053,4	953,775	12091,1
T3	U43	109,25	-0,12	2,037	86,602	22680,76	-175,339	22681,44
T3	U44	522,5	-0,12	2,037	86,602	-22784,1	-1565,77	22837,88
K2	U44	261,25	-0,12	0,471	57,109	11392,06	782,868	11418,92
K2	U45	261,066	0,481	0,471	57,109	-11444,4	-743,532	11468,56
K1	U44	261,25	-0,12	0,471	57,109	11392,06	782,868	11418,92
K1	U45	261,066	0,481	0,471	57,109	-11444,4	-743,532	11468,56
T4	U45	521,962	0,782	0,001	83,169	22888,91	1366,185	22929,64
T4	U47	16642,28	0,782	0,001	83,169	-23001,8	-2308,86	23117,41
K3	U45	2,756	-85,771	0,471	57,109	0,065	121,052	121,052
K3	U46	0,003	-55,483	0,471	57,109	-0,067	-0,114	0,133

Tab.7-39d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T1	U42	123,873	3,735	1,273	87,877	25261,88	1388,134	25299,99
T1	U48	592,435	3,735	1,273	87,877	-25313,8	-2788,63	25466,94
K4	U48	296,217	3,735	2,121	57,118	12656,9	1394,291	12733,46
K4	U49	294,917	6,104	2,121	57,118	-12958,8	-1325,51	13026,42
K5	U48	296,217	3,735	2,121	57,118	12656,9	1394,291	12733,46
K5	U49	294,917	6,104	2,121	57,118	-12958,8	-1325,51	13026,42
T2	U49	588,287	7,849	0,001	85,737	25918,16	1855,53	25984,5
T2	U50	18756,98	7,849	0,001	85,737	-25974,2	-2607,21	26104,72
K6	U49	18,011	-78,094	3,063	57,128	-0,535	795,536	795,537
K6	U51	0	-56,362	3,063	57,128	-0,005	-0,012	0,013
AS2	U50	18756,97	-172,151	0,025	-174,268	-25974,2	-2607,2	26104,71
AS1	U47	16642,27	-179,218	0,028	-174,268	-23001,8	-2308,85	23117,41
AS3	U20	29,884	179,269	2314,022	-180	-6199,64	0	6199,639
AS4	PRT	4,926	-174,032	13719,44	-180	-998,707	0	998,707
AS5	U19	30,394	-178,356	2235,174	-180	-6194,42	0	6194,424
BO	U52	147,149	-18,966	469,907	18,195	28998,16	9531,228	30524,38
K7	PRT	623,404	22,579	0,159	74,831	121116,5	-36132,8	126391,4
K7	U53	628,52	24,081	0,159	74,831	-121165	39435,83	127421,6
T5	U53	266,474	24,246	0,084	87,159	51322,14	-16867,9	54023,02
T5	U54	2548,883	24,246	0,084	87,159	-51415	14996,09	53557,34
T6	U53	181,023	23,96	0,106	88,915	34921,37	-11284,4	36699,32
T6	U55	1731,526	23,96	0,106	88,915	-34942,1	10191,44	36397,98
SS1	U54	2548,883	-155,754	2,748	163,74	-51415	14996,1	53557,35
T7	U53	181,023	23,96	0,106	88,915	34921,37	-11284,4	36699,32
T7	U55	1731,526	23,96	0,106	88,915	-34942,1	10191,44	36397,98
SS2	U55	989,443	-156,04	7,082	163,74	-19966,9	5823,727	20798,84
SS3	U55	1484,167	-156,04	4,721	163,74	-29950,4	8735,517	31198,31
SS4	U55	989,443	-156,04	7,082	163,74	-19966,9	5823,727	20798,84
V9	U43	51,326	175,248	3,582	71,764	-10627,3	-778,344	10655,77
V9	U56	51,428	173,885	3,582	71,764	10618,43	1005,846	10665,96
5597	U52	99,438	-35,47	4,628	80,297	16958,69	11742,48	20627,24
5597	U60	97,689	-33,968	4,628	80,297	-16981,4	-11226,8	20357,06
VOP	U56	76,129	-18,899	908,085	18,195	14999,27	4930,022	15788,71
526c	U56	28,339	-42,533	0,083	72,343	4379,355	3919,624	5877,262
526c	U57	28,311	-42,471	0,083	72,343	-4379,42	-3911,3	5871,758
526b	U57	28,329	-42,492	0,113	72,343	4380,802	3915,358	5875,496
526b	U58	28,292	-42,407	0,113	72,343	-4380,89	-3904,06	5868,038
526a	U58	28,295	-42,411	4,589	72,344	4381,024	3904,656	5868,535
526a	U59	26,84	-38,799	4,589	72,344	-4384,2	-3444,33	5575,353
526	U59	26,839	-38,798	11,171	72,346	4384,148	3444,179	5575,224
526	U60	23,817	-28,29	11,171	72,346	-4390,64	-2314,1	4963,147
V18	U20	59,084	-169,977	0,412	72,343	-12042,2	2287,167	12257,44
V18	U58	59,047	-170,171	0,412	72,343	12040,86	-2249,09	12249,11
V17	U58	59,046	-170,165	0,412	72,343	-12040,5	2250,14	12249
V17	U52	59,009	-170,359	0,412	72,343	12039,24	-2212,07	12240,77
t402	U60	121,413	147,144	5,411	89,218	21372,1	13541,12	25300,76
t402	U61	36,727	147,144	5,411	89,218	-21375,1	-13758,6	25420,34

Tab.7-39e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Čebín	U61	36,727	147,145	11,484	90	-21375,1	-13758	25419,98

Vypočítané hodnoty při účinníku 1 a výkonu výroby 60 MW:

Tab.7-41a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,893	-0,552	0,277	15,577	90	11298,72
OKC	120,029	-1,606	-9,117	3,905	89,501	3408,07
U9	119,735	-1,94	-8,85	16,574	75,418	803,081
A	120,022	-1,616	-9,111	4,262	87,92	3122,693
PROS	119,754	-1,943	-8,867	23,699	74,141	561,627
U14	119,376	-1,995	-8,523	10,533	73,537	1263,69
U12	119,967	-1,643	-9,061	4,512	85,965	2950,171
U13	119,55	-1,893	-8,682	8,754	75,387	1520,467
U15	119,979	-1,659	-9,072	8,756	75,383	1520,173
U16	120,023	-1,613	-9,112	4,512	85,964	2950,077
U17	119,941	-1,689	-9,037	11,778	72,575	1130,072
U18	119,893	-1,72	-8,994	14,985	70,845	888,23
U19	120,35	-0,916	-9,409	11,346	78,216	1173,113
PRT	121,272	0,525	-10,248	17,123	76,5	777,296
LUT	121,282	0,523	-10,256	22,227	73,723	598,823
U21	120,85	-0,268	-9,864	15,568	76,974	854,977
U23	119,857	-1,704	-8,961	4,75	85,046	2802,309
U22	120,014	-1,617	-9,104	4,032	88,939	3301,115
U24	119,842	-1,715	-8,947	4,794	84,929	2776,634
U25	119,801	-1,745	-8,91	4,869	84,67	2733,597
U26	119,877	-1,697	-8,979	4,656	85,351	2858,632
U27	120,023	-1,613	-9,112	5,349	84,781	2488,27
U28	119,998	-1,629	-9,089	4,381	87,152	3038,035
U29	119,421	-1,981	-8,565	8,21	76,253	1621,247
U30	119,998	-1,629	-9,089	4,381	87,152	3038,035
U31	119,994	-1,636	-9,085	4,478	87,107	2972,159
U32	119,976	-1,652	-9,07	4,723	86,105	2818,393
U34	119,986	-1,645	-9,078	4,636	86,436	2870,771
U35	120,003	-1,628	-9,094	4,397	87,032	3026,834
U36	120,001	-1,629	-9,092	4,417	86,943	3013,457
U33	119,869	-1,721	-8,972	4,666	85,536	2852,357
U38	119,863	-1,726	-8,966	4,853	85,02	2742,581
U39	119,702	-1,852	-8,82	8,795	75,551	1513,425
U40	119,673	-1,881	-8,793	9,451	75,32	1408,281
U41	119,688	-1,875	-8,807	10,03	75,083	1327,037
VST	119,797	-1,825	-8,906	11,817	72,97	1126,38
U20a	121,605	0,836	-10,55	20,856	75,098	638,181
U20	119,779	-0,74	-8,89	10,451	84,49	1273,529
U42	122,11	1,324	-11,01	26,731	73,719	497,932
U43	119,866	-0,576	-8,969	12,168	82,092	1093,853

Tab.7-41b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U44	25,236	3,738	-14,71	2,664	85,695	199,844
U45	25,362	4,12	-15,282	2,874	83,441	185,267
U47	0,802	6,404	-16,214	0,004	83,363	131,937
U46	25,363	4,118	-15,286	3,303	79,808	161,185
U48	25,706	4,098	-16,845	2,495	81,234	213,4
U49	26,341	5,786	-19,731	3,501	73,994	152,068
U50	0,83	7,237	-20,227	0,004	76,003	126,327
U51	26,382	5,728	-19,92	6,509	66,046	81,793
U52	119,769	-0,78	-8,88	9,935	85,317	1339,722
U53	121,292	0,556	-10,265	17,283	76,484	770,107
U54	12,686	1,145	-26,863	0,284	80,08	387,39
U55	12,683	1,303	-26,825	0,249	79,501	442,493
U56	119,742	-0,715	-8,856	13,014	80,997	1022,763
U60	120,315	-0,504	-9,377	6,084	89,366	2187,833
U57	119,746	-0,714	-8,86	13,023	80,982	1022,038
U58	119,75	-0,712	-8,864	13,035	80,963	1021,117
U59	119,935	-0,655	-9,032	12,766	80,755	1042,644
U58	119,774	-0,76	-8,885	10,199	84,885	1305,08
U61	399,606	-0,089	0,099	12,635	90	13929,28

Tab.7-42a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	163,533	163,666	14,13	90	-108726	-30730,5	112985,2
T401	U0	81,766	163,666	4,472	89,218	-54362,9	-15364,8	56492,5
T401	OKC	270,302	163,666	4,472	89,218	54348,17	14286,66	56194,6
T402	U0	81,766	163,666	4,472	89,218	-54362,9	-15364,8	56492,5
T402	OKC	270,302	163,666	4,472	89,218	54348,17	14286,66	56194,6
573	OKC	34,168	179,261	0,374	71,186	-7102,58	107,405	7103,387
573	A	34,166	178,969	0,374	71,186	7102,154	-72,402	7102,523
573	U9	34,579	-10,669	12,424	71,19	7088,081	1088,231	7171,132
573	A	34,166	-1,033	12,424	71,19	-7102,22	72,168	7102,586
RYC	U9	35,235	-16,01	1961,941	14,07	7088,051	1776,438	7307,27
571	U9	3,318	-91,945	7,132	71,188	-0,059	688,147	688,147
571	PROS	0	111,409	7,132	71,188	0,033	0,077	0,084
550A	OKC	87,421	165,845	0,659	64,535	-17740,2	-3948,97	18174,38
550A	U12	87,484	165,66	0,659	64,535	17733,67	3995,549	18178,22
550HUN	U14	88,109	-16,064	1,805	64,535	17671,43	4428,688	18217,92
550HUN	U13	87,92	-15,564	1,805	64,535	-17689,5	-4303,01	18205,31
550B	U12	87,48	165,663	4,396	64,535	-17733,1	-3994,47	18177,43
550B	U13	87,92	164,435	4,396	64,535	17689,5	4303,151	18205,37
HUN	U14	88,11	-16,065	782,222	14,07	17671,5	4428,896	18218,05
559A	OKC	14,018	-175,615	0,659	64,535	-2898,44	304,179	2914,36
559A	U16	13,991	-176,795	0,659	64,535	2898,276	-244,269	2908,551
559B	U15	13,959	-4,709	4,396	64,535	2896,671	154,342	2900,78
559B	U16	13,989	3,224	4,396	64,535	-2897,78	245,221	2908,132
559C	U15	13,959	175,293	3,061	64,535	-2896,62	-154,252	2900,726

Tab.7-42b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
559C	U17	14,094	169,821	3,061	64,535	2895,846	432,275	2927,932
559CHR	U17	14,095	169,816	3,231	64,535	-2895,98	-432,522	2928,103
559CHR	U18	14,373	164,209	3,231	64,535	2895,139	725,692	2984,705
CHR	U18	14,373	-15,789	4816,149	14,07	2895,074	725,571	2984,611
5576	OKC	94,145	2,501	9,066	72,345	19522,12	-1401,51	19572,36
5576	U19	94,546	5,216	9,066	72,345	-19595,5	2105,45	19708,32
ZDO	U19	49,948	-14,986	1391,143	14,07	10099,37	2531,142	10411,72
5578	U19	112,731	-1,954	16,268	72,987	23495,3	425,677	23499,15
5578	PRT	112,75	1,857	16,268	72,987	-23676,8	550,332	23683,21
555	PRT	2,306	-89,475	5,187	64,535	-0,003	484,31	484,31
555	LUT	0	-57,762	5,187	64,535	-0,009	-0,015	0,017
5577	PRT	99,996	-175,667	9,992	72,984	-20957,7	1394,641	21004,08
5577	U21	99,764	-178,311	9,992	72,984	20870,23	-713,124	20882,41
PROST	PRT	156,419	-13,545	447,623	14,07	31870,04	7987,379	32855,71
NZAD	U21	2,958	-14,338	23588,11	14,07	600,582	150,526	619,158
5575	U21	96,924	-177,828	17,465	72,988	-20269,6	863,721	20288,02
5575	OKC	96,821	177,425	17,465	72,988	20125,8	340,655	20128,68
5505A	OKC	116,482	163,434	0,137	72,343	-23395,3	-6251,28	24216,12
5505A	U22	116,499	163,402	0,137	72,343	23393,65	6260,039	24216,75
5505B	U23	116,62	-16,836	1,198	64,535	23370,66	6319,78	24210,07
5505B	U22	116,483	-16,586	1,198	64,535	-23391,7	-6254,44	24213,38
OKD	U23	2,975	-15,774	23263,75	14,069	598,988	150,115	617,512
5508B	U24	113,661	163,105	0,382	72,343	-22769,8	-6177,68	23592,93
5508B	U25	113,71	163,014	0,382	72,343	22765,28	6202,669	23595,15
BAR	U25	173,102	-15,815	399,576	14,07	34841,37	8732,071	35918,93
5507	U25	59,455	-13,568	1,226	64,535	12075,4	2527,676	12337,11
5507	U26	59,347	-13,059	1,226	64,535	-12081	-2427,6	12322,47
BHN	U26	68,899	-15,767	1004,538	14,07	13876,5	3477,776	14305,67
5506	U26	128,213	-14,516	1,102	64,535	25957,93	5906,237	26621,38
5506	OKC	128,106	-14,304	1,102	64,535	-25981,3	-5854,59	26632,75
5508A	U24	113,668	-16,9	0,137	72,343	22770,56	6180,052	23594,31
5508A	U23	113,65	-16,867	0,137	72,343	-22772,2	-6171,08	23593,51
5518	OKC	3,42	-170,955	2,983	72,343	-698,829	131,418	711,078
5518	U27	3,465	164,316	2,983	72,343	698,798	175,145	720,412
5519	OKC	3,42	-170,955	2,983	72,343	-698,829	131,418	711,078
5519	U27	3,465	164,316	2,983	72,343	698,798	175,145	720,412
FA	U27	6,931	-15,683	9998,129	14,07	1397,597	350,268	1440,822
5516	OKC	63,333	167,424	0,52	68,797	-12926	-2505,7	13166,65
5516	U28	63,38	167,206	0,52	68,797	12923,76	2550,903	13173,1
5516A	U28	63,379	167,208	8,472	64,537	-12923,6	-2550,38	13172,82
5516A	U29	64,191	163,949	8,472	64,537	12879,13	3227,84	13277,46
5517	OKC	63,333	167,424	0,52	68,797	-12926	-2505,7	13166,65
5517	U30	63,38	167,206	0,52	68,797	12923,76	2550,903	13173,1
5517A	U30	63,379	167,208	8,472	64,537	-12923,6	-2550,38	13172,82
5517A	U29	64,191	163,949	8,472	64,537	12879,13	3227,84	13277,46
UHD	U29	128,382	-16,051	537,054	14,07	25758,23	6455,613	26554,87
5504	OKC	59,615	167,619	0,713	72,343	-12175,2	-2317,06	12393,75

Tab.7-42c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5504	U31	59,682	167,287	0,713	72,343	12172,92	2383,081	12403,99
5503A	OKC	53,485	168,616	1,001	72,343	-10957,7	-1888,54	11119,25
5503A	U34	53,571	168,094	1,001	72,343	10955,08	1983,21	11133,15
5502a	OKC	50,22	170,477	0,606	68,797	-10341	-1438,07	10440,49
5502a	U35	50,26	170,154	0,606	68,797	10339,32	1493,337	10446,6
5501A	OKC	51,045	170,333	0,637	68,797	-10507,1	-1488,16	10611,97
5501A	U36	51,088	169,999	0,637	68,797	10505,31	1546,026	10618,46
5501B	U36	51,088	169,998	2,63	64,535	-10505,4	-1546,35	10618,64
5501B	U33	51,269	168,719	2,63	64,535	10496,56	1767,873	10644,39
5502B	U35	50,257	170,16	2,715	64,422	-10338,8	-1492,15	10445,95
5502B	U33	50,433	168,868	2,715	64,422	10329,92	1712,132	10470,85
5503B	U34	53,569	168,097	2,122	64,535	-10954,8	-1982,53	11132,77
5503B	U33	53,742	167,119	2,122	64,535	10946,94	2159,705	11157,95
5509B	U32	47,362	167,812	2,19	64,535	-9676,16	-1799,74	9842,108
5509B	U33	47,547	166,671	2,19	64,535	9669,797	1986,325	9871,7
5509A	U31	47,32	168,077	0,443	72,343	-9676,71	-1756,14	9834,772
5509A	U32	47,36	167,817	0,443	72,343	9675,804	1798,813	9841,591
MLE	U31	12,38	-15,706	5596,188	14,07	2495,716	625,488	2572,903
MAD	U33	120,952	-15,791	572,181	14,07	24358,72	6104,87	25112,08
5573	U33	19,038	164,77	0,383	72,343	-3843,3	-923,328	3952,653
5573	U38	19,083	164,218	0,383	72,343	3843,17	962,222	3961,795
5572	U33	19,038	164,77	0,383	72,343	-3843,3	-923,328	3952,653
5572	U38	19,083	164,218	0,383	72,343	3843,17	962,222	3961,795
SVIT	U38	38,172	-15,796	1812,941	14,07	7686,985	1926,54	7924,727
5574A	U33	35,752	174,098	5,184	64,535	-7402,98	-541,226	7422,739
5574A	U39	35,987	170,481	5,184	64,535	7394,382	995,366	7461,075
5574B	U39	35,987	170,48	1,074	72,343	-7394,44	-995,58	7461,163
5574B	U40	36,061	169,646	1,074	72,343	7393,174	1101,328	7474,754
SLU	U40	46,674	-15,951	1480,329	14,07	9384,306	2351,935	9674,544
568B	U40	11,347	-34,027	1,074	72,343	1991,415	1251,417	2351,974
568B	U41	11,074	-31,707	1,074	72,343	-1991,54	-1142,08	2295,775
568A	U41	11,072	-31,696	8,473	64,537	1991,284	1141,425	2295,226
568A	VST	9,769	-12,415	8,473	64,537	-1992,45	-372,543	2026,98
567	U33	10,477	-158,173	13,655	64,54	-1994,17	869,076	2175,321
567	VST	9,769	167,584	13,655	64,54	1992,471	372,575	2027,006
5594A	PRT	114,015	-5,4	3,736	68,797	23820,79	2472,226	23948,73
5594A	U20a	113,839	-4,506	3,736	68,797	-23873,4	-2232,19	23977,54
5594B	U20a	113,839	-4,506	5,862	68,947	23873,4	2232,168	23977,53
5594B	U42	113,605	-3,132	5,862	68,947	-23955,1	-1866,9	24027,74
KNC	U20	30,766	-14,81	2247,757	14,07	6191,293	1551,686	6382,777
V8	U20	57,147	2,665	3,582	71,764	11834,85	-704,303	11855,78
V8	U43	57,231	3,891	3,582	71,764	-11845,8	925,454	11881,94
T3	U43	107,763	-0,243	2,037	86,602	22372,72	-130,121	22373,1
T3	U44	515,387	-0,243	2,037	86,602	-22473,3	-1563,91	22527,65
K2	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K2	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
K1	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8

Tab.7-42d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
K1	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
T4	U45	514,843	0,672	0,001	83,169	22575,23	1359,883	22616,15
T4	U47	16415,3	0,672	0,001	83,169	-22685,1	-2277,02	22799,08
K3	U45	2,753	-85,876	0,471	57,109	0,009	120,939	120,939
K3	U46	0	-36,523	0,471	57,109	-0,011	-0,01	0,015
T1	U42	113,605	-3,132	1,273	87,877	23955,1	1866,878	24027,73
T1	U48	543,33	-3,132	1,273	87,877	-23998,8	-3044,84	24191,15
K4	U48	271,665	-3,132	2,121	57,118	11999,39	1522,427	12095,58
K4	U49	270,172	-0,462	2,121	57,118	-12253	-1341,6	12326,25
K5	U48	271,665	-3,132	2,121	57,118	11999,39	1522,427	12095,58
K5	U49	270,172	-0,462	2,121	57,118	-12253	-1341,6	12326,25
T2	U49	538,649	1,505	0,001	85,737	24506,6	1834,416	24575,17
T2	U50	17174,31	1,505	0,001	85,737	-24553,6	-2464,6	24676,96
K6	U49	18,603	-84,253	3,063	57,128	-0,576	848,758	848,758
K6	U51	0	104,152	3,063	57,128	0	0,001	0,001
AS2	U50	17174,32	-178,495	0,028	-174,268	-24553,6	-2464,6	24676,97
AS1	U47	16415,3	-179,328	0,028	-174,268	-22685,1	-2277,05	22799,08
AS3	U20	29,843	179,26	2317,275	-180	-6191,29	0	6191,293
AS4	PRT	4,771	-179,475	14674,67	-180	-1002,2	0	1002,201
AS5	U19	29,741	179,084	2336,309	-180	-6199,6	0	6199,604
BO	U52	146,944	-18,975	470,577	18,195	28958,68	9518,262	30482,82
K7	PRT	246,485	-2,893	0,159	74,831	51681,9	3087,039	51774,02
K7	U53	246,061	1,249	0,159	74,831	-51689,5	625,129	51693,25
T5	U53	81,876	1,145	0,084	87,159	17199,77	-176,696	17200,68
T5	U54	783,157	1,145	0,084	87,159	-17208,5	0,002	17208,54
T6	U53	82,092	1,303	0,106	88,915	17244,71	-224,777	17246,18
T6	U55	785,229	1,303	0,106	88,915	-17249	-0,001	17248,97
SS1	U54	783,157	-178,855	9,352	-180	-17208,5	0,001	17208,54
T7	U53	82,092	1,303	0,106	88,915	17244,71	-224,777	17246,18
T7	U55	785,229	1,303	0,106	88,915	-17249	-0,001	17248,97
SS2	U55	392,613	-178,697	18,65	-180	-8624,44	0	8624,444
SS3	U55	392,613	-178,697	18,65	-180	-8624,44	0	8624,444
SS4	U55	785,233	-178,697	9,325	-180	-17249	0,001	17249,05
V9	U43	50,849	175,103	3,582	71,764	-10526,9	-795,358	10556,89
V9	U56	50,954	173,728	3,582	71,764	10518,18	1023,367	10567,84
5597	U52	99,978	-35,114	4,628	80,297	17126,32	11697,64	20739,95
5597	U60	98,246	-33,614	4,628	80,297	-17149,3	-11183,4	20473,57
VOP	U56	76,03	-18,91	909,284	18,195	14980,18	4923,757	15768,62
526c	U56	28,585	-41,884	0,083	72,343	4462,809	3902,71	5928,559
526c	U57	28,558	-41,822	0,083	72,343	-4462,87	-3894,39	5923,13
526b	U57	28,531	-41,791	0,113	72,343	4460,782	3888,32	5917,568
526b	U58	28,495	-41,707	0,113	72,343	-4460,87	-3877,03	5910,218
526a	U58	28,512	-41,727	4,589	72,344	4462,193	3880,901	5913,76
526a	U59	27,078	-38,109	4,589	72,344	-4465,42	-3420,72	5625,056
526	U59	27,078	-38,108	11,171	72,346	4465,393	3420,638	5624,988
526	U60	24,112	-27,63	11,171	72,346	-4472,02	-2290,94	5024,678
V18	U20	58,074	-169,955	0,412	72,343	-11835,3	2254,674	12048,14

Tab.7-42e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
V18	U58	58,036	-170,152	0,412	72,343	11834,03	-2216,46	12039,8
V17	U58	58,034	-170,136	0,412	72,343	-11833	2219,538	12039,34
V17	U52	57,997	-170,334	0,412	72,343	11831,72	-2181,32	12031,11
t402	U60	122,253	147,564	5,411	89,218	21621,36	13474,68	25476,47
t402	U61	36,982	147,564	5,411	89,218	-21624,4	-13695,2	25596,34
Čebín	U61	36,981	147,566	11,484	90	-21624,4	-13694,2	25595,78

Vypočítané hodnoty při účinnku 0,99 ind a výkonu výroby 35 MW:

Tab.7-44a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,063	-0,664	0,234	15,577	90	11298,72
OKC	120,186	-1,931	-9,26	3,905	89,501	3408,07
U9	119,893	-2,265	-8,994	16,574	75,418	803,081
A	120,179	-1,941	-9,254	4,262	87,92	3122,693
PROS	119,912	-2,268	-9,011	23,699	74,141	561,627
U14	119,534	-2,32	-8,667	10,533	73,537	1263,69
U12	120,125	-1,969	-9,204	4,512	85,965	2950,171
U13	119,708	-2,218	-8,826	8,754	75,387	1520,467
U15	120,137	-1,984	-9,215	8,756	75,383	1520,173
U16	120,181	-1,938	-9,255	4,512	85,964	2950,077
U17	120,098	-2,015	-9,18	11,778	72,575	1130,072
U18	120,051	-2,045	-9,137	14,985	70,845	888,23
U19	120,458	-1,669	-9,507	11,346	78,216	1173,113
PRT	121,265	-0,985	-10,241	17,123	76,5	777,296
LUT	121,275	-0,987	-10,25	22,227	73,723	598,823
U21	120,919	-1,35	-9,926	15,568	76,974	854,977
U23	120,014	-2,03	-9,104	4,75	85,046	2802,309
U22	120,171	-1,942	-9,247	4,032	88,939	3301,115
U24	120	-2,041	-9,091	4,794	84,929	2776,634
U25	119,959	-2,071	-9,054	4,869	84,67	2733,597
U26	120,035	-2,023	-9,123	4,656	85,351	2858,632
U27	120,18	-1,939	-9,255	5,349	84,781	2488,27
U28	120,156	-1,954	-9,233	4,381	87,152	3038,035
U29	119,579	-2,306	-8,708	8,21	76,253	1621,247
U30	120,156	-1,954	-9,233	4,381	87,152	3038,035
U31	120,151	-1,962	-9,228	4,478	87,107	2972,159
U32	120,134	-1,977	-9,213	4,723	86,105	2818,393
U34	120,143	-1,97	-9,221	4,636	86,436	2870,771
U35	120,16	-1,953	-9,237	4,397	87,032	3026,834
U36	120,159	-1,955	-9,235	4,417	86,943	3013,457
U33	120,027	-2,046	-9,115	4,666	85,536	2852,357
U38	120,02	-2,051	-9,109	4,853	85,02	2742,581
U39	119,859	-2,178	-8,963	8,795	75,551	1513,425
U40	119,83	-2,206	-8,937	9,451	75,32	1408,281
U41	119,846	-2,2	-8,951	10,03	75,083	1327,037

Tab.7-44b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
VST	119,955	-2,15	-9,05	11,817	72,97	1126,38
U20a	121,597	-0,677	-10,543	20,856	75,098	638,181
U20	119,779	-0,74	-8,89	10,451	84,49	1273,529
U42	122,1	-0,193	-11	26,731	73,719	497,932
U43	119,866	-0,576	-8,969	12,168	82,092	1093,853
U44	25,236	3,738	-14,71	2,664	85,695	199,844
U45	25,362	4,12	-15,282	2,874	83,441	185,267
U47	0,802	6,404	-16,214	0,004	83,363	131,937
U46	25,363	4,118	-15,286	3,303	79,808	161,185
U48	25,704	2,559	-16,836	2,495	81,234	213,4
U49	26,334	4,232	-19,702	3,501	73,994	152,068
U50	0,829	5,672	-20,194	0,004	76,003	126,327
U51	26,376	4,174	-19,89	6,509	66,046	81,793
U52	119,769	-0,78	-8,88	9,935	85,317	1339,722
U53	121,283	-0,968	-10,257	17,283	76,484	770,107
U54	12,698	-0,541	-26,975	0,284	80,08	387,39
U55	12,692	-0,605	-26,924	0,249	79,501	442,493
U56	119,742	-0,715	-8,856	13,014	80,997	1022,763
U60	120,315	-0,504	-9,377	6,084	89,366	2187,833
U57	119,746	-0,714	-8,86	13,023	80,982	1022,038
U58	119,75	-0,712	-8,864	13,035	80,963	1021,117
U59	119,935	-0,655	-9,032	12,766	80,755	1042,644
U58	119,774	-0,76	-8,885	10,199	84,885	1305,08
U61	399,606	-0,089	0,099	12,635	90	13929,28

Tab.7-45a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	192,926	168,228	14,13	90	-130852	-25692,5	133350,1
T401	U0	96,463	168,228	4,472	89,218	-65425,8	-12846,3	66675,06
T401	OKC	318,886	168,228	4,472	89,218	65405,32	11345,65	66382,07
T402	U0	96,463	168,228	4,472	89,218	-65425,8	-12846,3	66675,06
T402	OKC	318,886	168,228	4,472	89,218	65405,32	11345,65	66382,07
573	OKC	34,141	178,958	0,374	71,186	-7106,14	110,244	7106,998
573	A	34,138	178,665	0,374	71,186	7105,722	-75,144	7106,119
573	U9	34,546	-10,981	12,424	71,19	7091,082	1087,138	7173,933
573	A	34,136	-1,324	12,424	71,19	-7105,19	76,502	7105,606
RYC	U9	35,203	-16,335	1966,29	14,07	7091,055	1777,186	7310,366
571	U9	3,323	-92,265	7,132	71,188	-0,002	690,102	690,102
571	PROS	0	-71,177	7,132	71,188	-0,023	-0,06	0,065
550A	OKC	87,343	165,524	0,659	64,535	-17748	-3949,06	18182,08
550A	U12	87,406	165,339	0,659	64,535	17741,56	3995,827	18185,97
550HUN	U14	88,033	-16,389	1,805	64,535	17679,51	4430,914	18226,31
550HUN	U13	87,844	-15,889	1,805	64,535	-17697,5	-4304,74	18213,54
550B	U12	87,403	165,342	4,396	64,535	-17741	-3994,76	18185,19
550B	U13	87,843	164,111	4,396	64,535	17697,46	4304,654	18213,46
HUN	U14	88,033	-16,389	783,94	14,07	17679,49	4430,902	18226,28

Tab.7-45b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
559A	OKC	14,007	-175,891	0,659	64,535	-2899,56	306,794	2915,74
559A	U16	13,979	-177,075	0,659	64,535	2899,389	-246,725	2909,867
559B	U15	13,946	-5,008	4,396	64,535	2897,844	153,05	2901,883
559B	U16	13,977	2,943	4,396	64,535	-2898,95	247,573	2909,498
559C	U15	13,947	174,986	3,061	64,535	-2898	-153,379	2902,056
559C	U17	14,082	169,502	3,061	64,535	2897,226	432,14	2929,277
559CHR	U17	14,081	169,51	3,231	64,535	-2897,01	-431,708	2928,997
559CHR	U18	14,359	163,889	3,231	64,535	2896,166	725,657	2985,692
CHR	U18	14,36	-16,115	4826,829	14,07	2896,274	725,861	2985,846
5576	OKC	39,555	-13,6	9,066	72,345	8064,028	1665,39	8234,201
5576	U19	38,886	-7,104	9,066	72,345	-8076,69	-768,525	8113,174
ZDO	U19	49,911	-15,738	1393,412	14,07	10101	2531,543	10413,4
5578	U19	59,545	-17,073	16,268	72,987	11977,09	3300,112	12423,42
5578	PRT	57,961	-9,918	16,268	72,987	-12026,3	-1890,37	12173,96
555	PRT	2,306	-90,986	5,187	64,535	-0,009	484,253	484,253
555	LUT	0	-77,375	5,187	64,535	-0,003	-0,013	0,013
5577	PRT	48,666	174,364	9,992	72,984	-10188	-828,811	10221,68
5577	U21	49,241	169,003	9,992	72,984	10167,03	1728,136	10312,85
PROST	PRT	156,333	-15,055	447,843	14,07	31850,81	7982,569	32835,89
NZAD	U21	2,956	-15,42	23618,6	14,069	600,49	150,491	619,061
5575	U21	46,294	169,285	17,465	72,988	-9566,55	-1577,68	9695,766
5575	OKC	48,218	159,816	17,465	72,988	9532,431	3143,775	10037,46
5505A	OKC	116,371	163,116	0,137	72,343	-23404,5	-6250,48	24224,73
5505A	U22	116,388	163,084	0,137	72,343	23402,78	6259,285	24225,37
5505B	U23	116,517	-17,162	1,198	64,535	23380,62	6322,556	24220,41
5505B	U22	116,38	-16,911	1,198	64,535	-23401,6	-6256,85	24223,59
OKD	U23	2,972	-16,099	23315,06	14,069	599,243	150,177	617,774
5508B	U24	113,56	162,78	0,382	72,343	-22779,5	-6180,28	23602,97
5508B	U25	113,61	162,688	0,382	72,343	22774,99	6205,399	23605,23
BAR	U25	172,947	-16,141	400,46	14,07	34856,05	8735,744	35934,07
5507	U25	59,402	-13,893	1,226	64,535	12080,43	2528,609	12342,23
5507	U26	59,294	-13,383	1,226	64,535	-12086	-2428,22	12327,52
BHN	U26	68,837	-16,093	1006,763	14,07	13882,26	3479,222	14311,61
5506	U26	128,099	-14,841	1,102	64,535	25968,92	5908,705	26632,64
5506	OKC	127,992	-14,629	1,102	64,535	-25992,2	-5856,7	26643,9
5508A	U24	113,565	-17,225	0,137	72,343	22779,92	6182,355	23603,94
5508A	U23	113,547	-17,192	0,137	72,343	-22781,5	-6173,34	23603,13
5518	OKC	3,418	-171,238	2,983	72,343	-699,164	132,023	711,52
5518	U27	3,463	163,981	2,983	72,343	699,133	175,346	720,786
5519	OKC	3,418	-171,238	2,983	72,343	-699,164	132,023	711,52
5519	U27	3,463	163,981	2,983	72,343	699,133	175,346	720,786
FA	U27	6,925	-16,009	10020,32	14,07	1398,164	350,412	1441,406
5516	OKC	63,275	167,109	0,52	68,797	-12931,6	-2504,27	13171,85
5516	U28	63,322	166,89	0,52	68,797	12929,34	2549,613	13178,33
5516A	U28	63,322	166,89	8,472	64,537	-12929,3	-2549,66	13178,29
5516A	U29	64,135	163,624	8,472	64,537	12884,93	3229,314	13283,44
5517	OKC	63,275	167,109	0,52	68,797	-12931,6	-2504,27	13171,85

Tab.7-45c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5517	U30	63,322	166,89	0,52	68,797	12929,34	2549,613	13178,33
5517A	U30	63,322	166,89	8,472	64,537	-12929,3	-2549,66	13178,29
5517A	U29	64,135	163,624	8,472	64,537	12884,93	3229,314	13283,44
UHD	U29	128,269	-16,376	538,234	14,07	25769,8	6458,52	26566,8
5504	OKC	59,559	167,306	0,713	72,343	-12180,2	-2315,25	12398,27
5504	U31	59,626	166,973	0,713	72,343	12177,88	2381,473	12408,55
5503A	OKC	53,435	168,301	1,001	72,343	-10962,4	-1887,08	11123,6
5503A	U34	53,522	167,779	1,001	72,343	10959,76	1982,027	11137,53
5502a	OKC	50,174	170,163	0,606	68,797	-10345,3	-1436,58	10444,58
5502a	U35	50,214	169,839	0,606	68,797	10343,66	1492,01	10450,71
5501A	OKC	50,998	170,018	0,637	68,797	-10511,6	-1486,71	10616,21
5501A	U36	51,041	169,684	0,637	68,797	10509,79	1544,756	10622,71
5501B	U36	51,041	169,683	2,63	64,535	-10509,8	-1544,86	10622,7
5501B	U33	51,221	168,402	2,63	64,535	10500,89	1767,053	10648,53
5502B	U35	50,21	169,846	2,715	64,422	-10343,1	-1490,68	10449,97
5502B	U33	50,386	168,551	2,715	64,422	10334,2	1711,328	10474,94
5503B	U34	53,519	167,782	2,122	64,535	-10959,4	-1981,24	11137,04
5503B	U33	53,693	166,802	2,122	64,535	10951,53	2158,959	11162,31
5509B	U32	47,318	167,498	2,19	64,535	-9680,13	-1798,34	9845,757
5509B	U33	47,503	166,355	2,19	64,535	9673,78	1985,473	9875,43
5509A	U31	47,281	167,753	0,443	72,343	-9681,43	-1756,85	9839,545
5509A	U32	47,321	167,491	0,443	72,343	9680,53	1799,643	9846,389
MLE	U31	12,368	-16,032	5608,595	14,07	2496,736	625,747	2573,956
MAD	U33	120,844	-16,116	573,448	14,07	24368,83	6107,413	25122,51
5573	U33	19,02	164,452	0,383	72,343	-3844,75	-923,153	3954,029
5573	U38	19,065	163,898	0,383	72,343	3844,628	962,151	3963,193
5572	U33	19,02	164,452	0,383	72,343	-3844,75	-923,153	3954,029
5572	U38	19,065	163,898	0,383	72,343	3844,628	962,151	3963,193
SVIT	U38	38,137	-16,121	1816,96	14,07	7690,172	1927,338	7928,012
5574A	U33	35,719	173,796	5,184	64,535	-7406,15	-538,386	7425,688
5574A	U39	35,953	170,171	5,184	64,535	7397,563	993,804	7464,02
5574B	U39	35,953	170,172	1,074	72,343	-7397,52	-993,739	7463,969
5574B	U40	36,027	169,336	1,074	72,343	7396,256	1099,785	7477,575
SLU	U40	46,632	-16,276	1483,604	14,07	9388,325	2352,926	9678,683
568B	U40	11,338	-34,376	1,074	72,343	1991,975	1252,946	2353,261
568B	U41	11,065	-32,053	1,074	72,343	-1992,1	-1143,32	2296,876
568A	U41	11,066	-32,055	8,473	64,537	1992,159	1143,466	2297
568A	VST	9,76	-12,736	8,473	64,537	-1993,32	-372,545	2027,838
567	U33	10,474	-158,426	13,655	64,54	-1995	872,454	2177,428
567	VST	9,76	167,265	13,655	64,54	1993,298	372,483	2027,802
5594A	PRT	113,12	-7,018	3,736	68,797	23627,89	2497,406	23759,51
5594A	U20a	112,942	-6,118	3,736	68,797	-23679,7	-2255,29	23786,85
5594B	U20a	112,942	-6,118	5,862	68,947	23679,69	2255,288	23786,85
5594B	U42	112,704	-4,733	5,862	68,947	-23760,1	-1886,76	23834,9
KNC	U20	30,766	-14,81	2247,757	14,07	6191,293	1551,686	6382,777
V8	U20	57,147	2,665	3,582	71,764	11834,85	-704,303	11855,78
V8	U43	57,231	3,891	3,582	71,764	-11845,8	925,454	11881,94

Tab.7-45d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T3	U43	107,763	-0,243	2,037	86,602	22372,72	-130,121	22373,1
T3	U44	515,387	-0,243	2,037	86,602	-22473,3	-1563,91	22527,65
K2	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K2	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
K1	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K1	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
T4	U45	514,843	0,672	0,001	83,169	22575,23	1359,883	22616,15
T4	U47	16415,3	0,672	0,001	83,169	-22685,1	-2277,02	22799,08
K3	U45	2,753	-85,876	0,471	57,109	0,009	120,939	120,939
K3	U46	0	-36,523	0,471	57,109	-0,011	-0,01	0,015
T1	U42	112,704	-4,734	1,273	87,877	23760,11	1886,783	23834,91
T1	U48	539,017	-4,734	1,273	87,877	-23803,1	-3046,11	23997,21
K4	U48	269,508	-4,733	2,121	57,118	11901,54	1523,047	11998,6
K4	U49	268,006	-2,043	2,121	57,118	-12151,1	-1336,17	12224,38
K5	U48	269,508	-4,733	2,121	57,118	11901,54	1523,047	11998,6
K5	U49	268,006	-2,043	2,121	57,118	-12151,1	-1336,17	12224,38
T2	U49	534,311	-0,06	0,001	85,737	24302,87	1824,044	24371,23
T2	U50	17036,01	-0,06	0,001	85,737	-24349,1	-2444,12	24471,45
K6	U49	18,599	-85,806	3,063	57,128	-0,573	848,345	848,345
K6	U51	0	-57,995	3,063	57,128	-0,003	-0,005	0,006
AS2	U50	17036	179,94	0,028	-174,268	-24349,1	-2444,09	24471,45
AS1	U47	16415,3	-179,328	0,028	-174,268	-22685,1	-2277,05	22799,08
AS3	U20	29,843	179,26	2317,275	-180	-6191,29	0	6191,293
AS4	PRT	4,769	179,015	14681,79	-180	-1001,6	0	1001,602
AS5	U19	29,719	178,331	2340,113	-180	-6200,62	0	6200,622
BO	U52	146,944	-18,975	470,577	18,195	28958,68	9518,262	30482,82
K7	PRT	144,891	-15,685	0,159	74,831	29436,37	7722,599	30432,52
K7	U53	141,423	-8,691	0,159	74,831	-29438,9	-3992,39	29708,41
T5	U53	60,477	-8,65	0,084	87,159	12590,3	1698,24	12704,32
T5	U54	578,476	-8,65	0,084	87,159	-12595,1	-1794,65	12722,3
T6	U53	40,47	-8,714	0,106	88,915	8423,954	1145,818	8501,524
T6	U55	387,107	-8,714	0,106	88,915	-8424,99	-1200,45	8510,083
SS1	U54	578,476	171,35	12,673	-171,891	-12595,1	-1794,62	12722,3
T7	U53	40,47	-8,714	0,106	88,915	8423,954	1145,818	8501,524
T7	U55	387,107	-8,714	0,106	88,915	-8424,99	-1200,45	8510,083
SS2	U55	387,107	171,286	18,93	-171,89	-8424,99	-1200,49	8510,091
SS3	U55	193,554	171,286	37,86	-171,89	-4212,5	-600,243	4255,045
SS4	U55	193,554	171,286	37,86	-171,89	-4212,5	-600,243	4255,045
V9	U43	50,849	175,103	3,582	71,764	-10526,9	-795,358	10556,89
V9	U56	50,954	173,728	3,582	71,764	10518,18	1023,367	10567,84
5597	U52	99,978	-35,114	4,628	80,297	17126,32	11697,64	20739,95
5597	U60	98,246	-33,614	4,628	80,297	-17149,3	-11183,4	20473,57
VOP	U56	76,03	-18,91	909,284	18,195	14980,18	4923,757	15768,62
526c	U56	28,585	-41,884	0,083	72,343	4462,809	3902,71	5928,559
526c	U57	28,558	-41,822	0,083	72,343	-4462,87	-3894,39	5923,13
526b	U57	28,531	-41,791	0,113	72,343	4460,782	3888,32	5917,568
526b	U58	28,495	-41,707	0,113	72,343	-4460,87	-3877,03	5910,218

Tab.7-45e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
526a	U58	28,512	-41,727	4,589	72,344	4462,193	3880,901	5913,76
526a	U59	27,078	-38,109	4,589	72,344	-4465,42	-3420,72	5625,056
526	U59	27,078	-38,108	11,171	72,346	4465,393	3420,638	5624,988
526	U60	24,112	-27,63	11,171	72,346	-4472,02	-2290,94	5024,678
V18	U20	58,074	-169,955	0,412	72,343	-11835,3	2254,674	12048,14
V18	U58	58,036	-170,152	0,412	72,343	11834,03	-2216,46	12039,8
V17	U58	58,034	-170,136	0,412	72,343	-11833	2219,538	12039,34
V17	U52	57,997	-170,334	0,412	72,343	11831,72	-2181,32	12031,11
t402	U60	122,253	147,564	5,411	89,218	21621,36	13474,68	25476,47
t402	U61	36,982	147,564	5,411	89,218	-21624,4	-13695,2	25596,34
Čebín	U61	36,981	147,566	11,484	90	-21624,4	-13694,2	25595,78

Vypočítané hodnoty při účinníku 0,98 ind a výkonu výroby 30 MW:

Tab.7-47a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,094	-0,685	0,226	15,577	90	11298,72
OKC	120,215	-1,995	-9,286	3,905	89,501	3408,07
U9	119,922	-2,328	-9,02	16,574	75,418	803,081
A	120,208	-2,005	-9,28	4,262	87,92	3122,693
PROS	119,941	-2,331	-9,037	23,699	74,141	561,627
U14	119,563	-2,383	-8,693	10,533	73,537	1263,69
U12	120,153	-2,032	-9,23	4,512	85,965	2950,171
U13	119,737	-2,281	-8,852	8,754	75,387	1520,467
U15	120,165	-2,048	-9,241	8,756	75,383	1520,173
U16	120,21	-2,002	-9,281	4,512	85,964	2950,077
U17	120,127	-2,078	-9,206	11,778	72,575	1130,072
U18	120,079	-2,108	-9,163	14,985	70,845	888,23
U19	120,476	-1,814	-9,524	11,346	78,216	1173,113
PRT	121,264	-1,277	-10,24	17,123	76,5	777,296
LUT	121,273	-1,28	-10,248	22,227	73,723	598,823
U21	120,93	-1,56	-9,936	15,568	76,974	854,977
U23	120,043	-2,093	-9,13	4,75	85,046	2802,309
U22	120,2	-2,006	-9,273	4,032	88,939	3301,115
U24	120,029	-2,104	-9,117	4,794	84,929	2776,634
U25	119,988	-2,134	-9,08	4,869	84,67	2733,597
U26	120,064	-2,086	-9,149	4,656	85,351	2858,632
U27	120,209	-2,002	-9,281	5,349	84,781	2488,27
U28	120,185	-2,018	-9,259	4,381	87,152	3038,035
U29	119,608	-2,369	-8,735	8,21	76,253	1621,247
U30	120,185	-2,018	-9,259	4,381	87,152	3038,035
U31	120,18	-2,025	-9,254	4,478	87,107	2972,159
U32	120,163	-2,041	-9,239	4,723	86,105	2818,393
U34	120,172	-2,034	-9,247	4,636	86,436	2870,771
U35	120,189	-2,016	-9,263	4,397	87,032	3026,834

Tab.7-47b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U36	120,187	-2,018	-9,261	4,417	86,943	3013,457
U33	120,056	-2,11	-9,142	4,666	85,536	2852,357
U38	120,049	-2,115	-9,136	4,853	85,02	2742,581
U39	119,888	-2,241	-8,989	8,795	75,551	1513,425
U40	119,859	-2,269	-8,963	9,451	75,32	1408,281
U41	119,875	-2,263	-8,977	10,03	75,083	1327,037
VST	119,984	-2,213	-9,076	11,817	72,97	1126,38
U20a	121,595	-0,97	-10,541	20,856	75,098	638,181
U20	119,779	-0,74	-8,89	10,451	84,49	1273,529
U42	122,097	-0,487	-10,998	26,731	73,719	497,932
U43	119,866	-0,576	-8,969	12,168	82,092	1093,853
U44	25,236	3,738	-14,71	2,664	85,695	199,844
U45	25,362	4,12	-15,282	2,874	83,441	185,267
U47	0,802	6,404	-16,214	0,004	83,363	131,937
U46	25,363	4,118	-15,286	3,303	79,808	161,185
U48	25,703	2,262	-16,833	2,495	81,234	213,4
U49	26,333	3,933	-19,696	3,501	73,994	152,068
U50	0,829	5,371	-20,188	0,004	76,003	126,327
U51	26,375	3,875	-19,885	6,509	66,046	81,793
U52	119,769	-0,78	-8,88	9,935	85,317	1339,722
U53	121,281	-1,263	-10,255	17,283	76,484	770,107
U54	12,695	-0,98	-26,952	0,284	80,08	387,39
U55	12,697	-0,903	-26,969	0,249	79,501	442,493
U56	119,742	-0,715	-8,856	13,014	80,997	1022,763
U60	120,315	-0,504	-9,377	6,084	89,366	2187,833
U57	119,746	-0,714	-8,86	13,023	80,982	1022,038
U58	119,75	-0,712	-8,864	13,035	80,963	1021,117
U59	119,935	-0,655	-9,032	12,766	80,755	1042,644
U58	119,774	-0,76	-8,885	10,199	84,885	1305,08
U61	399,606	-0,089	0,099	12,635	90	13929,28

Tab.7-48a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
Otrokovice	U0	198,779	168,926	14,13	90	-135153	-24778,6	137405,9
T401	U0	99,389	168,926	4,472	89,218	-67576,6	-12388,9	68702,87
T401	OKC	328,559	168,926	4,472	89,218	67554,87	10795,87	68412,07
T402	U0	99,389	168,926	4,472	89,218	-67576,6	-12388,9	68702,87
T402	OKC	328,559	168,926	4,472	89,218	67554,87	10795,87	68412,07
573	OKC	34,132	178,911	0,374	71,186	-7106,08	112,374	7106,968
573	A	34,13	178,618	0,374	71,186	7105,658	-77,255	7106,078
573	U9	34,54	-11,043	12,424	71,19	7091,545	1086,96	7174,364
573	A	34,13	-1,382	12,424	71,19	-7105,65	77,272	7106,074
RYC	U9	35,197	-16,398	1967,111	14,07	7091,505	1777,292	7310,829
571	U9	3,324	-92,33	7,132	71,188	-0,024	690,372	690,372
571	PROS	0	52,951	7,132	71,188	-0,001	0,001	0,002
550A	OKC	87,325	165,464	0,659	64,535	-17748,8	-3948,24	18182,67

Tab.7-48b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
550A	U12	87,388	165,278	0,659	64,535	17742,34	3995,041	18186,56
550HUN	U14	88,018	-16,452	1,805	64,535	17680,74	4431,148	18227,55
550HUN	U13	87,828	-15,951	1,805	64,535	-17698,7	-4304,88	18214,76
550B	U12	87,388	165,279	4,396	64,535	-17742,3	-3994,91	18186,52
550B	U13	87,829	164,048	4,396	64,535	17698,8	4305,023	18214,85
HUN	U14	88,018	-16,453	784,263	14,07	17680,76	4431,209	18227,58
559A	OKC	14,002	-175,927	0,659	64,535	-2899,21	308,168	2915,544
559A	U16	13,975	-177,111	0,659	64,535	2899,045	-248,069	2909,639
559B	U15	13,944	-5,071	4,396	64,535	2898,147	153,091	2902,188
559B	U16	13,975	2,882	4,396	64,535	-2899,25	247,725	2909,813
559C	U15	13,943	174,936	3,061	64,535	-2897,95	-152,715	2901,968
559C	U17	14,078	169,449	3,061	64,535	2897,172	431,611	2929,146
559CHR	U17	14,079	169,443	3,231	64,535	-2897,33	-431,913	2929,344
559CHR	U18	14,357	163,82	3,231	64,535	2896,487	726,005	2986,088
CHR	U18	14,357	-16,178	4828,847	14,07	2896,446	725,923	2986,028
5576	OKC	30,016	-22,983	9,066	72,345	5835,21	2238,521	6249,853
5576	U19	28,707	-14,581	9,066	72,345	-5842,3	-1323,77	5990,395
ZDO	U19	49,904	-15,884	1393,827	14,07	10101,04	2531,563	10413,44
5578	U19	50,212	-23,404	16,268	72,987	9742,693	3855,339	10477,77
5578	PRT	47,928	-15,051	16,268	72,987	-9776,99	-2396,65	10066,45
555	PRT	2,306	-91,277	5,187	64,535	0,007	484,27	484,27
555	LUT	0	-67,967	5,187	64,535	-0,019	-0,044	0,048
5577	PRT	39,092	169,68	9,992	72,984	-8108,68	-1290,49	8210,726
5577	U21	40,067	163,146	9,992	72,984	8094,962	2213,676	8392,185
PROST	PRT	156,317	-15,347	447,883	14,07	31847	7981,618	32831,96
NZAD	U21	2,955	-15,629	23623,86	14,069	600,465	150,482	619,034
5575	U21	37,112	163,048	17,465	72,988	-7494,51	-2063,24	7773,327
5575	OKC	39,974	151,863	17,465	72,988	7471,848	3667,323	8323,327
5505A	OKC	116,35	163,053	0,137	72,343	-23405,8	-6250,92	24226,18
5505A	U22	116,367	163,02	0,137	72,343	23404,16	6259,73	24226,82
5505B	U23	116,495	-17,224	1,198	64,535	23381,96	6322,599	24221,72
5505B	U22	116,358	-16,974	1,198	64,535	-23402,9	-6256,83	24224,87
OKD	U23	2,971	-16,164	23324,66	14,071	599,28	150,201	617,816
5508B	U24	113,546	162,712	0,382	72,343	-22781,7	-6182,62	23605,7
5508B	U25	113,596	162,621	0,382	72,343	22777,19	6207,763	23607,98
BAR	U25	172,917	-16,204	400,626	14,07	34858,31	8736,315	35936,41
5507	U25	59,395	-13,96	1,226	64,535	12081,69	2529,675	12343,69
5507	U26	59,286	-13,45	1,226	64,535	-12087,3	-2429,23	12328,96
BHN	U26	68,825	-16,156	1007,182	14,07	13883,13	3479,447	14312,51
5506	U26	128,074	-14,903	1,102	64,535	25970,22	5908,42	26633,85
5506	OKC	127,967	-14,691	1,102	64,535	-25993,5	-5856,35	26645,08
5508A	U24	113,546	-17,289	0,137	72,343	22781,52	6183,335	23605,74
5508A	U23	113,529	-17,256	0,137	72,343	-22783,1	-6174,31	23604,93
5518	OKC	3,417	-171,29	2,983	72,343	-699,185	132,166	711,567
5518	U27	3,462	163,918	2,983	72,343	699,154	175,349	720,808
5519	OKC	3,417	-171,29	2,983	72,343	-699,185	132,166	711,567

Tab.7-48c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVar]	S [kVA]
5518	U27	3,462	163,918	2,983	72,343	699,154	175,349	720,808
5519	OKC	3,417	-171,29	2,983	72,343	-699,185	132,166	711,567
5519	U27	3,462	163,918	2,983	72,343	699,154	175,349	720,808
FA	U27	6,923	-16,072	10024,59	14,07	1398,235	350,436	1441,481
5516	OKC	63,263	167,047	0,52	68,797	-12932,3	-2504,01	13172,54
5516	U28	63,31	166,829	0,52	68,797	12930,09	2549,383	13179,02
5516A	U28	63,311	166,829	8,472	64,537	-12930,2	-2549,44	13179,11
5516A	U29	64,124	163,561	8,472	64,537	12885,82	3229,501	13284,35
5517	OKC	63,263	167,047	0,52	68,797	-12932,3	-2504,01	13172,54
5517	U30	63,31	166,829	0,52	68,797	12930,09	2549,383	13179,02
5517A	U30	63,311	166,829	8,472	64,537	-12930,2	-2549,44	13179,11
5517A	U29	64,124	163,561	8,472	64,537	12885,82	3229,501	13284,35
UHD	U29	128,248	-16,439	538,456	14,07	25771,61	6458,975	26568,68
5504	OKC	59,547	167,246	0,713	72,343	-12180,9	-2314,72	12398,84
5504	U31	59,614	166,912	0,713	72,343	12178,56	2380,983	12409,12
5503A	OKC	53,425	168,242	1,001	72,343	-10962,9	-1886,4	11124,03
5503A	U34	53,511	167,719	1,001	72,343	10960,31	1981,4	11137,97
5502a	OKC	50,162	170,108	0,606	68,797	-10345,5	-1435,17	10444,6
5502a	U35	50,202	169,783	0,606	68,797	10343,87	1490,636	10450,73
5501A	OKC	50,988	169,958	0,637	68,797	-10512,1	-1486,21	10616,61
5501A	U36	51,031	169,623	0,637	68,797	10510,27	1544,286	10623,12
5501B	U36	51,031	169,623	2,63	64,535	-10510,3	-1544,37	10623,2
5501B	U33	51,211	168,341	2,63	64,535	10501,48	1766,683	10649,05
5502B	U35	50,201	169,784	2,715	64,422	-10343,7	-1490,39	10450,56
5502B	U33	50,377	168,489	2,715	64,422	10334,85	1711,16	10475,55
5503B	U34	53,509	167,722	2,122	64,535	-10960	-1980,84	11137,6
5503B	U33	53,683	166,74	2,122	64,535	10952,17	2158,659	11162,88
5509B	U32	47,308	167,438	2,19	64,535	-9680,66	-1797,91	9846,195
5509B	U33	47,493	166,294	2,19	64,535	9674,309	1985,138	9875,881
5509A	U31	47,272	167,692	0,443	72,343	-9682,01	-1756,47	9840,046
5509A	U32	47,312	167,431	0,443	72,343	9681,109	1799,287	9846,894
MLE	U31	12,366	-16,095	5610,928	14,07	2496,891	625,784	2574,116
MAD	U33	120,822	-16,179	573,687	14,07	24370,37	6107,791	25124,1
5573	U33	19,02	164,371	0,383	72,343	-3845,41	-924,549	3954,994
5573	U38	19,065	163,818	0,383	72,343	3845,284	963,565	3964,173
5572	U33	19,02	164,371	0,383	72,343	-3845,41	-924,549	3954,994
5572	U38	19,065	163,818	0,383	72,343	3845,284	963,565	3964,173
SVIT	U38	38,131	-16,185	1817,714	14,07	7690,665	1927,463	7928,521
5574A	U33	35,713	173,736	5,184	64,535	-7406,7	-537,977	7426,211
5574A	U39	35,947	170,11	5,184	64,535	7398,121	993,628	7464,549
5574B	U39	35,946	170,115	1,074	72,343	-7397,89	-992,921	7464,224
5574B	U40	36,02	169,279	1,074	72,343	7396,623	1099,021	7477,825
SLU	U40	46,624	-16,339	1484,218	14,07	9388,957	2353,096	9679,338
568B	U40	11,337	-34,447	1,074	72,343	1992,143	1253,422	2353,657
568B	U41	11,064	-32,123	1,074	72,343	-1992,27	-1143,75	2297,232
568A	U41	11,064	-32,122	8,473	64,537	1992,236	1143,713	2297,19
568A	VST	9,758	-12,796	8,473	64,537	-1993,4	-372,42	2027,891

Tab.7-48d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
567	U33	10,473	-158,477	13,655	64,54	-1995,16	873,002	2177,799
567	VST	9,758	167,202	13,655	64,54	1993,464	372,535	2027,975
5594A	PRT	112,985	-7,327	3,736	68,797	23598,51	2501,155	23730,68
5594A	U20a	112,806	-6,426	3,736	68,797	-23650,2	-2258,73	23757,79
5594B	U20a	112,806	-6,426	5,862	68,947	23650,19	2258,764	23757,81
5594B	U42	112,567	-5,04	5,862	68,947	-23730,4	-1889,76	23805,54
KNC	U20	30,766	-14,81	2247,757	14,07	6191,293	1551,686	6382,777
V8	U20	57,147	2,665	3,582	71,764	11834,85	-704,303	11855,78
V8	U43	57,231	3,891	3,582	71,764	-11845,8	925,454	11881,94
T3	U43	107,763	-0,243	2,037	86,602	22372,72	-130,121	22373,1
T3	U44	515,387	-0,243	2,037	86,602	-22473,3	-1563,91	22527,65
K2	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K2	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
K1	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K1	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
T4	U45	514,843	0,672	0,001	83,169	22575,23	1359,883	22616,15
T4	U47	16415,3	0,672	0,001	83,169	-22685,1	-2277,02	22799,08
K3	U45	2,753	-85,876	0,471	57,109	0,009	120,939	120,939
K3	U46	0	-36,523	0,471	57,109	-0,011	-0,01	0,015
T1	U42	112,567	-5,04	1,273	87,877	23730,4	1889,73	23805,52
T1	U48	538,363	-5,04	1,273	87,877	-23773,3	-3046,25	23967,65
K4	U48	269,182	-5,04	2,121	57,118	11886,63	1523,114	11983,82
K4	U49	267,677	-2,346	2,121	57,118	-12135,6	-1335,33	12208,87
K5	U48	269,182	-5,04	2,121	57,118	11886,63	1523,114	11983,82
K5	U49	267,677	-2,346	2,121	57,118	-12135,6	-1335,33	12208,87
T2	U49	533,653	-0,361	0,001	85,737	24271,83	1822,451	24340,15
T2	U50	17015,04	-0,361	0,001	85,737	-24317,9	-2441	24440,14
K6	U49	18,598	-86,106	3,063	57,128	-0,581	848,257	848,257
K6	U51	0	129,459	3,063	57,128	0,005	0,007	0,009
AS2	U50	17015,04	179,639	0,028	-174,268	-24317,9	-2440,96	24440,14
AS1	U47	16415,3	-179,328	0,028	-174,268	-22685,1	-2277,05	22799,08
AS3	U20	29,843	179,26	2317,275	-180	-6191,29	0	6191,293
AS4	PRT	4,768	178,723	14683,22	-180	-1001,47	0	1001,474
AS5	U19	29,715	178,186	2340,811	-180	-6200,65	0	6200,645
BO	U52	146,944	-18,975	470,577	18,195	28958,68	9518,262	30482,82
K7	PRT	126,606	-20,341	0,159	74,831	25133,24	8685,452	26591,66
K7	U53	121,955	-12,411	0,159	74,831	-25135,2	-4953,04	25618,53
T5	U53	40,683	-12,458	0,084	87,159	8383,46	1659,093	8546,052
T5	U54	389,141	-12,458	0,084	87,159	-8385,63	-1702,7	8556,746
T6	U53	40,634	-12,381	0,106	88,915	8375,588	1645,871	8535,77
T6	U55	388,673	-12,381	0,106	88,915	-8376,63	-1700,95	8547,582
SS1	U54	389,142	167,542	18,835	-168,522	-8385,63	-1702,75	8556,759
T7	U53	40,634	-12,381	0,106	88,915	8375,588	1645,871	8535,77
T7	U55	388,673	-12,381	0,106	88,915	-8376,63	-1700,95	8547,582
SS2	U55	388,677	167,619	18,86	-168,522	-8376,71	-1700,94	8547,663
SS3	U55	194,336	167,618	37,721	-168,521	-4188,28	-850,552	4273,768
SS4	U55	194,336	167,618	37,721	-168,521	-4188,28	-850,552	4273,768

Tab.7-48e Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
V9	U43	50,849	175,103	3,582	71,764	-10526,9	-795,358	10556,89
V9	U56	50,954	173,728	3,582	71,764	10518,18	1023,367	10567,84
5597	U52	99,978	-35,114	4,628	80,297	17126,32	11697,64	20739,95
5597	U60	98,246	-33,614	4,628	80,297	-17149,3	-11183,4	20473,57
VOP	U56	76,03	-18,91	909,284	18,195	14980,18	4923,757	15768,62
526c	U56	28,585	-41,884	0,083	72,343	4462,809	3902,71	5928,559
526c	U57	28,558	-41,822	0,083	72,343	-4462,87	-3894,39	5923,13
526b	U57	28,531	-41,791	0,113	72,343	4460,782	3888,32	5917,568
526b	U58	28,495	-41,707	0,113	72,343	-4460,87	-3877,03	5910,218
526a	U58	28,512	-41,727	4,589	72,344	4462,193	3880,901	5913,76
526a	U59	27,078	-38,109	4,589	72,344	-4465,42	-3420,72	5625,056
526	U59	27,078	-38,108	11,171	72,346	4465,393	3420,638	5624,988
526	U60	24,112	-27,63	11,171	72,346	-4472,02	-2290,94	5024,678
V18	U20	58,074	-169,955	0,412	72,343	-11835,3	2254,674	12048,14
V18	U58	58,036	-170,152	0,412	72,343	11834,03	-2216,46	12039,8
V17	U58	58,034	-170,136	0,412	72,343	-11833	2219,538	12039,34
V17	U52	57,997	-170,334	0,412	72,343	11831,72	-2181,32	12031,11
t402	U60	122,253	147,564	5,411	89,218	21621,36	13474,68	25476,47
t402	U61	36,982	147,564	5,411	89,218	-21624,4	-13695,2	25596,34
Čebín	U61	36,981	147,566	11,484	90	-21624,4	-13694,2	25595,78

Vypočítané hodnoty při účinníku 0,97 ind a výkonu výroby 27,5 MW:

Tab.7-50a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	399,115	-0,697	0,221	15,577	90	11298,72
OKC	120,235	-2,027	-9,304	3,905	89,501	3408,07
U9	119,941	-2,361	-9,038	16,574	75,418	803,081
A	120,228	-2,037	-9,298	4,262	87,92	3122,693
PROS	119,961	-2,364	-9,055	23,699	74,141	561,627
U14	119,582	-2,415	-8,711	10,533	73,537	1263,69
U12	120,173	-2,065	-9,248	4,512	85,965	2950,171
U13	119,757	-2,313	-8,87	8,754	75,387	1520,467
U15	120,185	-2,08	-9,259	8,756	75,383	1520,173
U16	120,229	-2,034	-9,299	4,512	85,964	2950,077
U17	120,147	-2,111	-9,224	11,778	72,575	1130,072
U18	120,099	-2,141	-9,181	14,985	70,845	888,23
U19	120,496	-1,891	-9,542	11,346	78,216	1173,113
PRT	121,284	-1,431	-10,259	17,123	76,5	777,296
LUT	121,294	-1,433	-10,267	22,227	73,723	598,823
U21	120,951	-1,67	-9,955	15,568	76,974	854,977
U23	120,063	-2,126	-9,148	4,75	85,046	2802,309
U22	120,22	-2,038	-9,291	4,032	88,939	3301,115
U24	120,048	-2,137	-9,135	4,794	84,929	2776,634
U25	120,007	-2,167	-9,098	4,869	84,67	2733,597

Tab.7-50b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U26	120,083	-2,119	-9,167	4,656	85,351	2858,632
U27	120,229	-2,035	-9,299	5,349	84,781	2488,27
U28	120,204	-2,05	-9,277	4,381	87,152	3038,035
U29	119,628	-2,402	-8,752	8,21	76,253	1621,247
U30	120,204	-2,05	-9,277	4,381	87,152	3038,035
U31	120,199	-2,058	-9,272	4,478	87,107	2972,159
U32	120,182	-2,073	-9,257	4,723	86,105	2818,393
U34	120,192	-2,066	-9,265	4,636	86,436	2870,771
U35	120,209	-2,049	-9,281	4,397	87,032	3026,834
U36	120,207	-2,051	-9,279	4,417	86,943	3013,457
U33	120,075	-2,142	-9,159	4,666	85,536	2852,357
U38	120,069	-2,147	-9,153	4,853	85,02	2742,581
U39	119,908	-2,273	-9,007	8,795	75,551	1513,425
U40	119,879	-2,302	-8,981	9,451	75,32	1408,281
U41	119,895	-2,296	-8,995	10,03	75,083	1327,037
VST	120,004	-2,246	-9,094	11,817	72,97	1126,38
U20a	121,615	-1,124	-10,559	20,856	75,098	638,181
U20	119,779	-0,74	-8,89	10,451	84,49	1273,529
U42	122,118	-0,642	-11,016	26,731	73,719	497,932
U43	119,866	-0,576	-8,969	12,168	82,092	1093,853
U44	25,236	3,738	-14,71	2,664	85,695	199,844
U45	25,362	4,12	-15,282	2,874	83,441	185,267
U47	0,802	6,404	-16,214	0,004	83,363	131,937
U46	25,363	4,118	-15,286	3,303	79,808	161,185
U48	25,708	2,102	-16,853	2,495	81,234	213,4
U49	26,337	3,77	-19,712	3,501	73,994	152,068
U50	0,829	5,206	-20,203	0,004	76,003	126,327
U51	26,378	3,712	-19,9	6,509	66,046	81,793
U52	119,769	-0,78	-8,88	9,935	85,317	1339,722
U53	121,302	-1,419	-10,274	17,283	76,484	770,107
U54	12,696	-1,207	-26,957	0,284	80,08	387,39
U55	12,703	-1,06	-27,028	0,249	79,501	442,493
U56	119,742	-0,715	-8,856	13,014	80,997	1022,763
U60	120,315	-0,504	-9,377	6,084	89,366	2187,833
U57	119,746	-0,714	-8,86	13,023	80,982	1022,038
U58	119,75	-0,712	-8,864	13,035	80,963	1021,117
U59	119,935	-0,655	-9,032	12,766	80,755	1042,644
U58	119,774	-0,76	-8,885	10,199	84,885	1305,08
U61	399,606	-0,089	0,099	12,635	90	13929,28

Tab.7-51a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	201,777	169,333	14,13	90	-137379	-24150	139485,9
T401	U0	100,888	169,333	4,472	89,218	-68689,7	-12075	69742,94
T401	OKC	333,515	169,333	4,472	89,218	68667,27	10433,55	69455,4
T402	U0	100,888	169,333	4,472	89,218	-68689,7	-12075	69742,94
T402	OKC	333,515	169,333	4,472	89,218	68667,27	10433,55	69455,4
573	OKC	34,127	178,888	0,374	71,186	-7106,22	113,519	7107,131
573	A	34,125	178,595	0,374	71,186	7105,803	-78,388	7106,235
573	U9	34,536	-11,074	12,424	71,19	7091,839	1086,81	7174,632
573	A	34,126	-1,41	12,424	71,19	-7105,94	77,829	7106,369
RYC	U9	35,193	-16,431	1967,677	14,07	7091,799	1777,379	7311,135
571	U9	3,324	-92,362	7,132	71,188	-0,018	690,617	690,617
571	PROS	0	-65,184	7,132	71,188	-0,008	-0,015	0,017
550A	OKC	87,316	165,431	0,659	64,535	-17749,8	-3948,59	18183,73
550A	U12	87,379	165,245	0,659	64,535	17743,35	3995,407	18187,62
550HUN	U14	88,008	-16,485	1,805	64,535	17681,58	4431,501	18228,46
550HUN	U13	87,818	-15,984	1,805	64,535	-17699,6	-4305,17	18215,65
550B	U12	87,377	165,247	4,396	64,535	-17743	-3994,7	18187,14
550B	U13	87,818	164,016	4,396	64,535	17699,5	4304,97	18215,52
HUN	U14	88,008	-16,485	784,487	14,07	17681,55	4431,411	18228,4
559A	OKC	14,001	-175,957	0,659	64,535	-2899,48	308,319	2915,823
559A	U16	13,974	-177,141	0,659	64,535	2899,31	-248,201	2909,915
559B	U15	13,942	-5,099	4,396	64,535	2898,208	152,846	2902,236
559B	U16	13,974	2,857	4,396	64,535	-2899,31	248,102	2909,905
559C	U15	13,941	174,905	3,061	64,535	-2898,11	-152,634	2902,126
559C	U17	14,076	169,416	3,061	64,535	2897,335	431,622	2929,309
559CHR	U17	14,077	169,411	3,231	64,535	-2897,48	-431,899	2929,494
559CHR	U18	14,356	163,787	3,231	64,535	2896,64	726,087	2986,256
CHR	U18	14,355	-16,211	4830,24	14,07	2896,563	725,947	2986,148
5576	OKC	25,756	-31,218	9,066	72,345	4682,613	2616,026	5363,81
5576	U19	23,883	-21,766	9,066	72,345	-4687,68	-1694,6	4984,573
ZDO	U19	49,896	-15,96	1394,271	14,07	10101,2	2531,594	10413,61
5578	U19	45,862	-28,092	16,268	72,987	8588,124	4226,146	9571,635
5578	PRT	43,05	-19,113	16,268	72,987	-8616,26	-2746,8	9043,501
555	PRT	2,306	-91,435	5,187	64,535	-0,034	484,354	484,354
555	LUT	0	118,574	5,187	64,535	0,022	0,039	0,044
5577	PRT	34,356	165,673	9,992	72,984	-7035,2	-1610,7	7217,226
5577	U21	35,662	158,422	9,992	72,984	7024,471	2543,989	7470,949
PROST	PRT	156,278	-15,501	448,071	14,07	31844,54	7980,992	32829,43
NZAD	U21	2,955	-15,74	23632,81	14,07	600,445	150,486	619,016
5575	U21	32,724	157,896	17,465	72,988	-6424,02	-2393,49	6855,425
5575	OKC	36,297	145,908	17,465	72,988	6405,863	4012,86	7558,977
5505A	OKC	116,327	163,026	0,137	72,343	-23405,8	-6248,19	24225,46
5505A	U22	116,345	162,994	0,137	72,343	23404,14	6257,011	24226,1
5505B	U23	116,483	-17,259	1,198	64,535	23383,31	6323,583	24223,27
5505B	U22	116,346	-17,008	1,198	64,535	-23404,3	-6257,76	24226,42

Tab.7-51b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5505B	U22	116,346	-17,008	1,198	64,535	-23404,3	-6257,76	24226,42
OKD	U23	2,971	-16,195	23331,74	14,069	599,298	150,191	617,831
5508B	U24	113,525	162,684	0,382	72,343	-22781,7	-6180,73	23605,22
5508B	U25	113,575	162,592	0,382	72,343	22777,2	6205,891	23607,5
BAR	U25	172,896	-16,237	400,741	14,07	34859,76	8736,689	35937,9
5507	U25	59,385	-13,99	1,226	64,535	12081,78	2529,063	12343,64
5507	U26	59,276	-13,479	1,226	64,535	-12087,3	-2428,57	12328,91
BHN	U26	68,816	-16,189	1007,471	14,07	13883,7	3479,589	14313,09
5506	U26	128,059	-14,936	1,102	64,535	25971,46	5908,899	26635,16
5506	OKC	127,952	-14,724	1,102	64,535	-25994,8	-5856,78	26646,38
5508A	U24	113,526	-17,316	0,137	72,343	22781,77	6180,832	23605,33
5508A	U23	113,508	-17,283	0,137	72,343	-22783,4	-6171,8	23604,52
5518	OKC	3,417	-171,316	2,983	72,343	-699,237	132,266	711,636
5518	U27	3,462	163,886	2,983	72,343	699,206	175,35	720,858
5519	OKC	3,417	-171,316	2,983	72,343	-699,237	132,266	711,636
5519	U27	3,462	163,886	2,983	72,343	699,206	175,35	720,858
FA	U27	6,922	-16,105	10027,43	14,07	1398,299	350,444	1441,544
5516	OKC	63,256	167,016	0,52	68,797	-12933	-2503,91	13173,16
5516	U28	63,303	166,797	0,52	68,797	12930,75	2549,3	13179,65
5516A	U28	63,303	166,797	8,472	64,537	-12930,7	-2549,34	13179,65
5516A	U29	64,116	163,528	8,472	64,537	12886,41	3229,673	13284,96
5517	OKC	63,256	167,016	0,52	68,797	-12933	-2503,91	13173,16
5517	U30	63,303	166,797	0,52	68,797	12930,75	2549,3	13179,65
5517A	U30	63,303	166,797	8,472	64,537	-12930,7	-2549,34	13179,65
5517A	U29	64,116	163,528	8,472	64,537	12886,41	3229,673	13284,96
UHD	U29	128,232	-16,472	538,61	14,07	25772,77	6459,266	26569,87
5504	OKC	59,539	167,214	0,713	72,343	-12181,3	-2314,52	12399,24
5504	U31	59,606	166,881	0,713	72,343	12179	2380,802	12409,53
5503A	OKC	53,418	168,211	1,001	72,343	-10963,3	-1886,08	11124,37
5503A	U34	53,504	167,688	1,001	72,343	10960,72	1981,124	11138,32
5502a	OKC	50,156	170,075	0,606	68,797	-10346,1	-1435,17	10445,14
5502a	U35	50,196	169,751	0,606	68,797	10344,42	1490,655	10451,27
5501A	OKC	50,981	169,927	0,637	68,797	-10512,5	-1485,96	10617,03
5501A	U36	51,024	169,592	0,637	68,797	10510,73	1544,054	10623,53
5501B	U36	51,025	169,591	2,63	64,535	-10510,9	-1544,33	10623,71
5501B	U33	51,206	168,308	2,63	64,535	10502	1766,729	10649,57
5502B	U35	50,195	169,753	2,715	64,422	-10344,2	-1490,3	10451,03
5502B	U33	50,371	168,457	2,715	64,422	10335,34	1711,147	10476,03
5503B	U34	53,503	167,689	2,122	64,535	-10960,6	-1980,89	11138,2
5503B	U33	53,677	166,708	2,122	64,535	10952,78	2158,778	11163,5
5509B	U32	47,303	167,406	2,19	64,535	-9681,18	-1797,93	9846,71
5509B	U33	47,488	166,262	2,19	64,535	9674,83	1985,232	9876,411
5509A	U31	47,267	167,661	0,443	72,343	-9682,53	-1756,27	9840,52
5509A	U32	47,306	167,4	0,443	72,343	9681,626	1799,103	9847,368
MLE	U31	12,365	-16,128	5612,569	14,07	2496,982	625,798	2574,207
MAD	U33	120,807	-16,212	573,852	14,07	24371,38	6108,046	25125,13

Tab.7-51c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5573	U33	19,013	164,359	0,383	72,343	-3845,07	-923,049	3954,313
5573	U38	19,058	163,805	0,383	72,343	3844,945	962,079	3963,483
5572	U33	19,013	164,359	0,383	72,343	-3845,07	-923,049	3954,313
5572	U38	19,058	163,805	0,383	72,343	3844,945	962,079	3963,483
SVIT	U38	38,126	-16,217	1818,235	14,07	7690,988	1927,549	7928,855
5574A	U33	35,708	173,708	5,184	64,535	-7406,94	-537,466	7426,413
5574A	U39	35,942	170,08	5,184	64,535	7398,363	993,278	7464,742
5574B	U39	35,942	170,083	1,074	72,343	-7398,25	-992,93	7464,582
5574B	U40	36,016	169,247	1,074	72,343	7396,983	1099,067	7478,189
SLU	U40	46,619	-16,372	1484,646	14,07	9389,346	2353,195	9679,738
568B	U40	11,337	-34,484	1,074	72,343	1992,264	1253,711	2353,913
568B	U41	11,063	-32,159	1,074	72,343	-1992,39	-1144	2297,463
568A	U41	11,063	-32,16	8,473	64,537	1992,342	1144,008	2297,43
568A	VST	9,757	-12,829	8,473	64,537	-1993,51	-372,459	2028,002
567	U33	10,472	-158,498	13,655	64,54	-1995,21	873,496	2178,035
567	VST	9,757	167,171	13,655	64,54	1993,506	372,452	2028
5594A	PRT	112,809	-7,505	3,736	68,797	23564,85	2507,596	23697,9
5594A	U20a	112,629	-6,602	3,736	68,797	-23616,4	-2264,63	23724,7
5594B	U20a	112,629	-6,602	5,862	68,947	23616,33	2264,56	23724,66
5594B	U42	112,389	-5,214	5,862	68,947	-23696,3	-1894,71	23771,93
KNC	U20	30,766	-14,81	2247,757	14,07	6191,293	1551,686	6382,777
V8	U20	57,147	2,665	3,582	71,764	11834,85	-704,303	11855,78
V8	U43	57,231	3,891	3,582	71,764	-11845,8	925,454	11881,94
T3	U43	107,763	-0,243	2,037	86,602	22372,72	-130,121	22373,1
T3	U44	515,387	-0,243	2,037	86,602	-22473,3	-1563,91	22527,65
K2	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K2	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
K1	U44	257,693	-0,243	0,471	57,109	11236,62	781,894	11263,8
K1	U45	257,507	0,367	0,471	57,109	-11287,6	-740,367	11311,84
T4	U45	514,843	0,672	0,001	83,169	22575,23	1359,883	22616,15
T4	U47	16415,3	0,672	0,001	83,169	-22685,1	-2277,02	22799,08
K3	U45	2,753	-85,876	0,471	57,109	0,009	120,939	120,939
K3	U46	0	-36,523	0,471	57,109	-0,011	-0,01	0,015
T1	U42	112,39	-5,214	1,273	87,877	23696,32	1894,755	23771,95
T1	U48	537,515	-5,214	1,273	87,877	-23739,1	-3047,63	23933,89
K4	U48	268,757	-5,214	2,121	57,118	11869,52	1523,8	11966,94
K4	U49	267,251	-2,515	2,121	57,118	-12117,7	-1334,63	12191
K5	U48	268,757	-5,214	2,121	57,118	11869,52	1523,8	11966,94
K5	U49	267,251	-2,515	2,121	57,118	-12117,7	-1334,63	12191
T2	U49	532,799	-0,526	0,001	85,737	24236,04	1820,736	24304,34
T2	U50	16987,8	-0,526	0,001	85,737	-24282	-2437,31	24404,02
K6	U49	18,6	-86,269	3,063	57,128	-0,578	848,478	848,478
K6	U51	0	111,826	3,063	57,128	0,002	0,006	0,007
AS2	U50	16987,8	179,474	0,028	-174,268	-24282	-2437,35	24404,02
AS1	U47	16415,3	-179,328	0,028	-174,268	-22685,1	-2277,05	22799,08
AS3	U20	29,843	179,26	2317,275	-180	-6191,29	0	6191,293

Tab.7-51d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
AS4	PRT	4,767	178,569	14689,46	-180	-1001,39	0	1001,393
AS5	U19	29,71	178,109	2341,558	-180	-6200,74	0	6200,74
BO	U52	146,944	-18,975	470,577	18,195	28958,68	9518,262	30482,82
K7	PRT	117,878	-23,611	0,159	74,831	22930,27	9348,304	24762,64
K7	U53	112,37	-15,174	0,159	74,831	-22931,9	-5613,6	23609,01
T5	U53	30,764	-15,276	0,084	87,159	6275,483	1548,031	6463,597
T5	U54	294,267	-15,276	0,084	87,159	-6276,72	-1572,97	6470,816
T6	U53	40,801	-15,13	0,106	88,915	8327,983	2031,944	8572,287
T6	U55	390,269	-15,13	0,106	88,915	-8329,04	-2087,48	8586,641
SS1	U54	294,267	164,724	24,909	-165,931	-6276,72	-1572,97	6470,817
T7	U53	40,801	-15,13	0,106	88,915	8327,983	2031,944	8572,287
T7	U55	390,269	-15,13	0,106	88,915	-8329,04	-2087,48	8586,641
SS2	U55	390,266	164,869	18,792	-165,93	-8328,95	-2087,52	8586,571
SS3	U55	195,135	164,871	37,584	-165,931	-4164,56	-1043,68	4293,344
SS4	U55	195,135	164,871	37,584	-165,931	-4164,56	-1043,68	4293,344
V9	U43	50,849	175,103	3,582	71,764	-10526,9	-795,358	10556,89
V9	U56	50,954	173,728	3,582	71,764	10518,18	1023,367	10567,84
5597	U52	99,978	-35,114	4,628	80,297	17126,32	11697,64	20739,95
5597	U60	98,246	-33,614	4,628	80,297	-17149,3	-11183,4	20473,57
VOP	U56	76,03	-18,91	909,284	18,195	14980,18	4923,757	15768,62
526c	U56	28,585	-41,884	0,083	72,343	4462,809	3902,71	5928,559
526c	U57	28,558	-41,822	0,083	72,343	-4462,87	-3894,39	5923,13
526b	U57	28,531	-41,791	0,113	72,343	4460,782	3888,32	5917,568
526b	U58	28,495	-41,707	0,113	72,343	-4460,87	-3877,03	5910,218
526a	U58	28,512	-41,727	4,589	72,344	4462,193	3880,901	5913,76
526a	U59	27,078	-38,109	4,589	72,344	-4465,42	-3420,72	5625,056
526	U59	27,078	-38,108	11,171	72,346	4465,393	3420,638	5624,988
526	U60	24,112	-27,63	11,171	72,346	-4472,02	-2290,94	5024,678
V18	U20	58,074	-169,955	0,412	72,343	-11835,3	2254,674	12048,14
V18	U58	58,036	-170,152	0,412	72,343	11834,03	-2216,46	12039,8
V17	U58	58,034	-170,136	0,412	72,343	-11833	2219,538	12039,34
V17	U52	57,997	-170,334	0,412	72,343	11831,72	-2181,32	12031,11
t402	U60	122,253	147,564	5,411	89,218	21621,36	13474,68	25476,47
t402	U61	36,982	147,564	5,411	89,218	-21624,4	-13695,2	25596,34
Čebín	U61	36,981	147,566	11,484	90	-21624,4	-13694,2	25595,78

Výpočet ustáleného chodu sítě bez nové výroby a bez větrného parku Malé Hradisko:

Tab.7-55a Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U0	398,346	-1,097	0,413	15,577	90	11298,72
OKC	119,611	-3,203	-8,737	3,905	89,501	3408,07
U9	119,239	-3,596	-8,399	16,574	75,418	803,081
A	119,602	-3,215	-8,729	4,262	87,92	3122,693
PROS	119,258	-3,599	-8,416	23,699	74,141	561,627
U14	118,841	-3,661	-8,037	10,533	73,537	1263,69
U12	119,538	-3,247	-8,671	4,512	85,965	2950,171
U13	119,046	-3,541	-8,223	8,754	75,387	1520,467
U15	119,546	-3,265	-8,678	8,756	75,383	1520,173
U16	119,604	-3,211	-8,73	4,512	85,964	2950,077
U17	119,499	-3,301	-8,635	11,778	72,575	1130,072
U18	119,442	-3,337	-8,583	14,985	70,845	888,23
U19	118,927	-3,967	-8,115	11,346	78,216	1173,113
PRT	118,184	-5,105	-7,44	17,123	76,5	777,296
LUT	118,193	-5,107	-7,448	22,227	73,723	598,823
U21	118,734	-4,433	-7,94	15,568	76,974	854,977
U23	119,407	-3,32	-8,552	4,75	85,046	2802,309
U22	119,593	-3,216	-8,721	4,032	88,939	3301,115
U24	119,39	-3,333	-8,536	4,794	84,929	2776,634
U25	119,341	-3,369	-8,492	4,869	84,67	2733,597
U26	119,431	-3,312	-8,574	4,656	85,351	2858,632
U27	119,603	-3,212	-8,73	5,349	84,781	2488,27
U28	119,575	-3,23	-8,704	4,381	87,152	3038,035
U29	118,891	-3,645	-8,083	8,21	76,253	1621,247
U30	119,575	-3,23	-8,704	4,381	87,152	3038,035
U31	119,568	-3,24	-8,698	4,478	87,107	2972,159
U32	119,547	-3,258	-8,679	4,723	86,105	2818,393
U34	119,558	-3,249	-8,689	4,636	86,436	2870,771
U35	119,58	-3,229	-8,709	4,397	87,032	3026,834
U36	119,577	-3,231	-8,707	4,417	86,943	3013,457
U33	119,418	-3,339	-8,562	4,666	85,536	2852,357
U38	119,41	-3,345	-8,555	4,853	85,02	2742,581
U39	119,212	-3,493	-8,374	8,795	75,551	1513,425
U40	119,176	-3,527	-8,342	9,451	75,32	1408,281
U41	119,194	-3,519	-8,358	10,03	75,083	1327,037
VST	119,319	-3,459	-8,472	11,817	72,97	1126,38
U20a	118,258	-5,119	-7,507	20,856	75,098	638,181
U20	119,421	-0,714	-8,564	10,451	84,49	1273,529
U42	118,353	-5,137	-7,594	26,731	73,719	497,932
U43	119,519	-0,475	-8,654	12,168	82,092	1093,853
U44	25,134	5,468	-14,245	2,664	85,695	199,844
U45	25,302	5,999	-15,008	2,874	83,441	185,267

Tab.7-55b Napětí v uzlech

Uzel	U [kV]	Úhel [°]	dUn [%]	Zk [Ohm]	Úhel [°]	Sk [MVA]
U47	0,802	9,137	-16,238	0,004	83,363	131,937
U46	25,303	5,998	-15,012	3,303	79,808	161,185
U48	24,843	-5,145	-12,923	2,495	81,234	213,4
U49	24,889	-5,214	-13,131	3,501	73,994	152,068
U50	0,781	-5,214	-13,131	0,004	76,003	126,327
U51	24,928	-5,272	-13,309	6,509	66,046	81,793
U52	119,411	-0,771	-8,555	9,935	85,317	1339,722
U53	118,186	-5,105	-7,442	17,283	76,484	770,107
U54	12,356	-5,105	-23,558	0,284	80,08	387,39
U55	12,356	-5,105	-23,558	0,249	79,501	442,493
U56	119,374	-0,659	-8,522	13,014	80,997	1022,763
U60	120,086	-0,5	-9,169	6,084	89,366	2187,833
U57	119,379	-0,659	-8,526	13,023	80,982	1022,038
U58	119,384	-0,658	-8,531	13,035	80,963	1021,117
U59	119,609	-0,615	-8,736	12,766	80,755	1042,644
U58	119,416	-0,743	-8,56	10,199	84,885	1305,08
U61	399,473	-0,088	0,132	12,635	90	13929,28

Tab.7-56a Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
Otrokovice	U0	319,564	167,244	14,13	90	-215937	-44554,5	220485,2
T401	U0	159,782	167,245	4,472	89,218	-107968	-22277	110242,5
T401	OKC	528,205	167,245	4,472	89,218	107912,1	18159,74	109429,4
T402	U0	159,782	167,245	4,472	89,218	-107968	-22277	110242,5
T402	OKC	528,205	167,245	4,472	89,218	107912,1	18159,74	109429,4
573	OKC	40,385	175,155	0,374	71,186	-8363,27	-239,794	8366,711
573	A	40,391	174,908	0,374	71,186	8362,684	274,053	8367,173
573	U9	40,967	-13,177	12,424	71,19	8342,712	1408,289	8460,74
573	A	40,39	-5,09	12,424	71,19	-8362,54	-273,769	8367,023
RYC	U9	41,644	-17,665	1653,1	14,07	8342,698	2090,845	8600,711
571	U9	3,305	-93,597	7,132	71,188	-0,017	682,549	682,549
571	PROS	0	-69,788	7,132	71,188	-0,008	-0,018	0,02
550A	OKC	102,77	163,89	0,659	64,535	-20753,2	-4755,7	21291,12
550A	U12	102,835	163,733	0,659	64,535	20744,21	4796,647	21291,55
550HUN	U14	103,472	-17,731	1,805	64,535	20659,46	5177,839	21298,43
550HUN	U13	103,283	-17,308	1,805	64,535	-20684,3	-5067,96	21296,16
550B	U12	102,837	163,732	4,396	64,535	-20744,5	-4797,1	21291,92
550B	U13	103,282	162,693	4,396	64,535	20684,25	5067,775	21296,02
HUN	U14	103,471	-17,731	663,108	14,07	20659,38	5177,684	21298,32
559A	OKC	16,541	179,551	0,659	64,535	-3422,84	164,652	3426,797
559A	U16	16,529	178,551	0,659	64,535	3422,606	-105,299	3424,226
559B	U15	16,584	-8,133	4,396	64,535	3421,504	291,402	3433,89
559B	U16	16,531	-1,465	4,396	64,535	-3423,06	104,371	3424,646
559C	U15	16,584	171,867	3,061	64,535	-3421,48	-291,383	3433,863
559C	U17	16,751	167,292	3,061	64,535	3420,382	566,698	3467,011
559CHR	U17	16,751	167,291	3,231	64,535	-3420,42	-566,735	3467,055

Tab.7-56b Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
559CHR	U18	14,605	165,074	3,231	64,535	2898,715	726,409	2988,347
CHR	U18	14,606	-14,927	4669,66	14,07	2898,758	726,494	2988,41
5576	OKC	286,764	30,814	9,066	72,345	50057,89	-30740,9	58743,45
5576	U19	289,02	31,566	9,066	72,345	-50741,7	29489,46	58688,58
ZDO	U19	51,241	-12,668	1320,943	14,07	10092,97	2529,535	10405,12
5578	U19	300,05	27,664	16,268	72,987	54639,02	-26959,9	60928,31
5578	PRT	303,088	28,912	16,268	72,987	-55938,6	24175,67	60939,27
555	PRT	2,207	-84,457	5,187	64,535	0,032	443,829	443,829
555	LUT	0,001	-60,479	5,187	64,535	-0,042	-0,095	0,104
5577	PRT	277,871	-150,047	9,992	72,984	-50873,6	23092,04	55869,14
5577	U21	275,985	-150,878	9,992	72,984	50200,67	-24396	55814,64
PROST	PRT	162,882	-8,531	411,465	14,07	31766,86	7961,523	32749,34
NZAD	U21	3,056	-10,867	22059,9	14,07	599,476	150,249	618,018
5575	U21	273,65	-150,467	17,465	72,988	-49601,2	24546,31	55342,57
5575	OKC	270,026	-151,929	17,465	72,988	48467,44	-26657,7	55314,77
5505A	OKC	118,366	164,289	0,137	72,343	-23424,3	-6263,69	24247,34
5505A	U22	118,384	164,258	0,137	72,343	23422,59	6271,861	24247,76
5505B	U23	118,513	-15,98	1,198	64,535	23400,19	6330,571	24241,39
5505B	U22	118,378	-15,738	1,198	64,535	-23421,9	-6269,87	24246,57
OKD	U23	3,023	-14,912	22556,4	14,07	599,744	150,311	618,293
5508B	U24	115,506	163,961	0,382	72,343	-22798,6	-6188,13	23623,51
5508B	U25	115,555	163,872	0,382	72,343	22793,99	6211,522	23625,18
BAR	U25	175,907	-14,954	387,42	14,07	34885,06	8743,016	35963,98
5507	U25	60,42	-12,706	1,226	64,535	12090,75	2530,663	12352,75
5507	U26	60,313	-12,213	1,226	64,535	-12096,5	-2434,23	12339,01
BHN	U26	70,015	-14,904	974,002	14,07	13894,09	3482,182	14323,8
5506	U26	130,293	-13,659	1,102	64,535	25990,78	5916,741	26655,74
5506	OKC	130,187	-13,454	1,102	64,535	-26014,9	-5869,63	26668,85
5508A	U24	115,516	-16,046	0,137	72,343	22799,77	6191,385	23625,46
5508A	U23	115,499	-16,014	0,137	72,343	-22801,4	-6182,99	23624,87
5518	OKC	3,468	-170,828	2,983	72,343	-699,74	122,276	710,343
5518	U27	3,522	165,182	2,983	72,343	699,708	175,362	721,348
5519	OKC	3,468	-170,828	2,983	72,343	-699,74	122,276	710,343
5519	U27	3,522	165,182	2,983	72,343	699,708	175,362	721,348
FA	U27	7,043	-14,818	9694,636	14,07	1399,413	350,723	1442,693
5516	OKC	64,385	168,17	0,52	68,797	-12942,9	-2537,07	13189,18
5516	U28	64,432	167,958	0,52	68,797	12940,52	2580,59	13195,32
5516A	U28	64,429	167,962	8,472	64,537	-12940,2	-2579,76	13194,83
5516A	U29	65,233	164,803	8,472	64,537	12894,27	3231,572	13293,05
5517	OKC	64,385	168,17	0,52	68,797	-12942,9	-2537,07	13189,18
5517	U30	64,432	167,958	0,52	68,797	12940,52	2580,59	13195,32
5517A	U30	64,429	167,962	8,472	64,537	-12940,2	-2579,76	13194,83
5517A	U29	65,233	164,803	8,472	64,537	12894,27	3231,572	13293,05
UHD	U29	130,466	-15,197	520,642	14,07	25788,58	6463,23	26586,17
5504	OKC	60,605	168,347	0,713	72,343	-12190,3	-2350,41	12414,87
5504	U31	60,671	168,025	0,713	72,343	12187,96	2414,057	12424,73

Tab.7-56c Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
5503A	OKC	63,478	166,159	1,001	72,343	-12924,8	-2427,73	13150,82
5503A	U34	63,57	165,722	1,001	72,343	12921,12	2518,324	13164,24
5502a	OKC	59,601	168,014	0,606	68,797	-12202,8	-1885,4	12347,61
5502a	U35	59,645	167,743	0,606	68,797	12200,48	1938,507	12353,52
5501A	OKC	60,582	167,867	0,637	68,797	-12398,7	-1948,33	12550,89
5501A	U36	60,629	167,587	0,637	68,797	12396,21	2003,865	12557,12
5501B	U36	60,631	167,585	2,63	64,535	-12396,4	-2004,3	12557,43
5501B	U33	60,824	166,514	2,63	64,535	12383,94	2216,467	12580,72
5502B	U35	59,644	167,744	2,715	64,422	-12200,4	-1938,24	12353,37
5502B	U33	59,833	166,662	2,715	64,422	12187,82	2148,888	12375,81
5503B	U34	63,571	165,721	2,122	64,535	-12921,2	-2518,56	13164,38
5503B	U33	63,755	164,901	2,122	64,535	12910,13	2687,577	13186,9
5509B	U32	56,203	165,394	2,19	64,535	-11410	-2290,03	11637,52
5509B	U33	56,399	164,438	2,19	64,535	11401,02	2469,703	11665,45
5509A	U31	56,157	165,618	0,443	72,343	-11410,7	-2247,41	11629,92
5509A	U32	56,199	165,4	0,443	72,343	11409,43	2288,602	11636,7
MLE	U31	14,704	-17,31	4694,781	14,071	2953,832	740,349	3045,2
MAD	U33	143,332	-17,409	481,025	14,07	28757,06	7207,18	29646,45
5573	U33	22,568	163,054	0,383	72,343	-4536,88	-1098,2	4667,905
5573	U38	22,613	162,589	0,383	72,343	4536,703	1136,64	4676,925
5572	U33	22,568	163,054	0,383	72,343	-4536,88	-1098,2	4667,905
5572	U38	22,613	162,589	0,383	72,343	4536,703	1136,64	4676,925
SVIT	U38	45,229	-17,415	1524,286	14,07	9073,784	2274,102	9354,416
5574A	U33	42,306	170,814	5,184	64,535	-8704,96	-891,434	8750,482
5574A	U39	42,594	167,778	5,184	64,535	8692,915	1334,635	8794,772
5574B	U39	42,594	167,777	1,074	72,343	-8692,96	-1334,84	8794,849
5574B	U40	42,677	167,078	1,074	72,343	8691,185	1438,092	8809,359
SLU	U40	55,106	-17,597	1248,616	14,07	11033,72	2765,355	11374,98
568B	U40	13,046	-33,073	1,074	72,343	2342,775	1327,944	2692,96
568B	U41	12,794	-31,019	1,074	72,343	-2342,94	-1219,65	2641,381
568A	U41	12,792	-31,012	8,473	64,537	2342,749	1219,183	2641
568A	VST	11,558	-14,501	8,473	64,537	-2344,35	-457,464	2388,565
567	U33	11,945	-165,102	13,655	64,54	-2346,68	773,227	2470,783
567	VST	11,558	165,499	13,655	64,54	2344,347	457,469	2388,564
5594A	PRT	13,151	-95,182	3,736	68,797	-3,608	2691,965	2691,967
5594A	U20a	11,412	-95,192	3,736	68,797	2,995	-2337,51	2337,514
5594B	U20a	11,412	-95,193	5,862	68,947	-3,033	2337,406	2337,408
5594B	U42	8,755	-95,213	5,862	68,947	2,387	-1794,73	1794,734
KNC	U20	36,421	-14,784	1893,062	14,07	7307,475	1831,465	7533,489
V8	U20	81,743	6,078	3,582	71,764	16789,34	-1999,76	16908,01
V8	U43	81,894	6,928	3,582	71,764	-16811,8	2184,466	16953,17
T3	U43	147,519	2,738	2,037	86,602	30490,38	-1711,57	30538,38
T3	U44	705,526	2,738	2,037	86,602	-30678,9	-1462,98	30713,74
K2	U44	352,762	2,738	0,471	57,109	15339,38	731,378	15356,81
K2	U45	352,629	3,182	0,471	57,109	-15434,9	-759,543	15453,6
K1	U44	352,762	2,738	0,471	57,109	15339,38	731,378	15356,81
K1	U45	352,629	3,182	0,471	57,109	-15434,9	-759,543	15453,6

Tab.7-56d Proudý a výkony ve větvích

Prvek	Uzel	I [A]	Úhel [°]	Z [Ohm]	Úhel [°]	P [kW]	Q [kVAr]	S [kVA]
T4	U45	705,132	3,405	0,001	83,169	30869,94	1398,955	30901,62
T4	U47	22482,46	3,405	0,001	83,169	-31076	-3119,34	31232,18
K3	U45	2,747	-83,999	0,471	57,109	0,004	120,372	120,372
K3	U46	0	-64,158	0,471	57,109	-0,006	-0,016	0,017
T1	U42	8,755	-95,213	1,273	87,877	-2,385	1794,733	1794,735
T1	U48	41,872	-95,213	1,273	87,877	2,125	-1801,73	1801,731
K4	U48	20,936	-95,213	2,121	57,118	-1,064	900,862	900,863
K4	U49	8,789	-95,253	2,121	57,118	0,257	-378,882	378,882
K5	U48	20,936	-95,213	2,121	57,118	-1,064	900,862	900,863
K5	U49	8,789	-95,253	2,121	57,118	0,257	-378,882	378,882
T2	U49	0	90	0,001	85,737	0	0	0
T2	U50	0	90	0,001	85,737	0	0	0
K6	U49	17,578	-95,253	3,063	57,128	-0,515	757,769	757,769
K6	U51	0	-171,416	3,063	57,128	0,001	0	0,001
AS1	U47	22482,46	-176,595	0,021	-174,268	-31076	-3119,31	31232,18
AS3	U20	35,329	179,286	1951,613	-180	-7307,48	0	7307,475
AS4	PRT	5,639	174,895	12100	-180	-1154,33	0	1154,332
AS5	U19	35,182	176,033	1951,613	-180	-7247,13	0	7247,129
BO	U52	173,929	-18,966	396,379	18,195	34174,3	11232,5	35972,93
K7	PRT	17,361	-95,1	0,159	74,831	0,284	3553,869	3553,869
K7	U53	0,012	-87,999	0,159	74,831	-0,296	-2,376	2,394
T5	U53	0,001	87,852	0,084	87,159	-0,006	-0,114	0,114
T5	U54	0,005	87,763	0,084	87,159	0,005	0,104	0,105
T6	U53	0,001	86,028	0,106	88,915	-0,002	-0,102	0,102
T6	U55	0,004	85,914	0,106	88,915	0,002	0,092	0,092
T7	U53	0,001	86,028	0,106	88,915	-0,002	-0,102	0,102
T7	U55	0,004	85,914	0,106	88,915	0,002	0,092	0,092
V9	U43	66,115	177,545	3,582	71,764	-13678,5	-472,863	13686,69
V9	U56	66,167	176,487	3,582	71,764	13663,8	681,149	13680,77
5597	U52	111,026	-41,543	4,628	80,297	17390,14	14996,17	22963,06
5597	U60	109,014	-40,307	4,628	80,297	-17418,5	-14516,3	22674,35
VOP	U56	89,936	-18,854	766,333	18,195	17665,56	5806,432	18595,34
526c	U56	31,48	-52,697	0,083	72,343	4003,838	5131,619	6508,781
526c	U57	31,447	-52,651	0,083	72,343	-4003,91	-5123,39	6502,341
526b	U57	31,397	-52,619	0,113	72,343	4000,492	5112,996	6492,047
526b	U58	31,354	-52,556	0,113	72,343	-4000,59	-5101,83	6483,32
526a	U58	31,374	-52,569	4,589	72,344	4001,974	5106,024	6487,471
526a	U59	29,628	-49,874	4,589	72,344	-4005,86	-4650,62	6138,013
526	U59	29,627	-49,874	11,171	72,346	4005,822	4650,516	6137,908
526	U60	25,697	-41,829	11,171	72,346	-4013,59	-3529,69	5344,868
V18	U20	83,256	-167,861	0,412	72,343	-16789,5	3830,934	17220,98
V18	U58	83,211	-167,997	0,412	72,343	16786,86	-3797,16	17210,96
V17	U58	83,212	-168,001	0,412	72,343	-16787,2	3796,023	17211,04
V17	U52	83,167	-168,137	0,412	72,343	16784,61	-3762,25	17201,09
t402	U60	134,703	139,403	5,411	89,218	21432,06	18045,94	28017,65
t402	U61	40,748	139,403	5,411	89,218	-21435,7	-18313,7	28193,63
Čebín	U61	40,748	139,403	11,484	90	-21435,7	-18313,6	28193,55