

LAMPIRAN

Lampiran 1. Daftar Penghantar AAC

Penampang nominal (mm ²)	Jari-jari (mm)	Banyak Urat	GMR (mm)	Impedansi Urutan positif (Ω/km)	Impedansi Urutan Nol (Ω/km)
16	2,2563	7	1,6380	1,8382 + j 0,4035	1,9862 + j1,6910
25	2,8203	7	2,0475	1,1765 + j 0,3895	1,3245 + j1,6770
35	3,3371	7	2,4227	0,8403 + j 0,3791	0,9883 + j 1,6666
50	3,9886	7	2,8957	0,5882 + j 0,3677	0,7362+ j1,6552
70	4,7193	7	3,4262	0,4202 + j 0,3572	0,5682+ j1,6447
95	5,4979	19	4,674	0,3096 + j 0,3464	0,4576+ j1,6339
120	6,1791	19	4,6837	0,2451 + j 0,3375	0,3931+ j1,6250
150	6,9084	19	5,2365	0,1961+ j 0,3305	0,344 + j1,6180
185	7,6722	19	5,8155	0,1590 + j 0,3239	0,3070+ j1,6114
240	8,7386	19	6,6238	0,1225+ j 0,3157	0,2705 + j1,6030

Lampiran 2. Daftar Penghantar AAAC

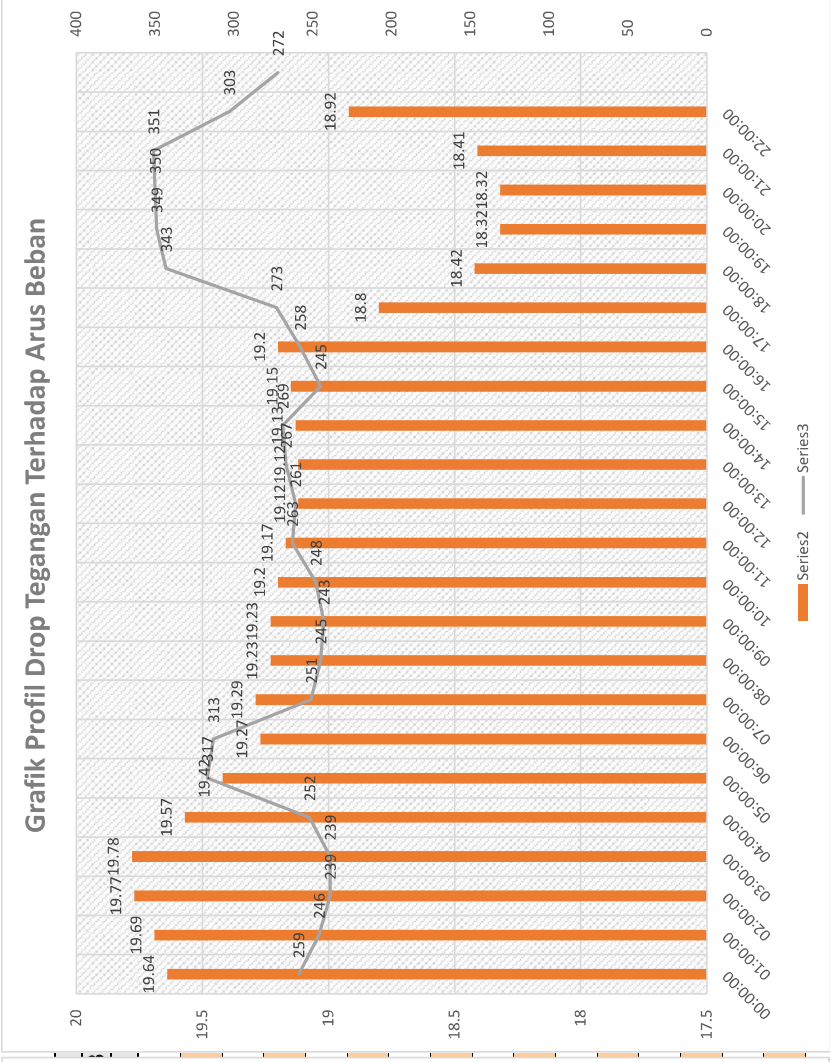
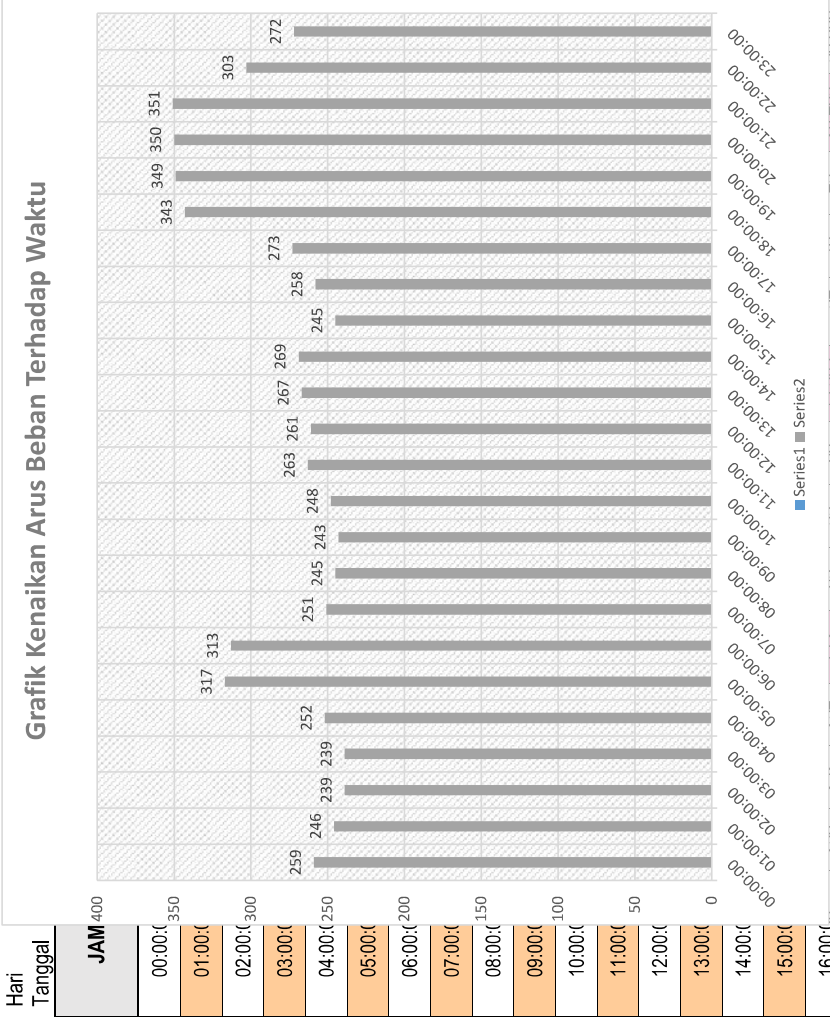
Penampang nominal (mm ²)	Jari-jari (mm)	Banyak Urat	GMR (mm)	Impedansi Urutan positif (Ω /km)	Impedansi Urutan Nol (Ω /km)
16	2,2563	7	1,6380	2,0161+ j 0,4036	2,1641+ j1,6911
25	2,8203	7	2,0475	1,2903+ j 0,3895	1,4384+ j1,6770
35	3,3371	7	2,4227	0,9217+ j 0,3790	1,0697+ j1,6665
50	3,9886	7	2,8957	0,6452+ j 0,3678	0,7932+ j1,6553
70	4,7193	7	3,4262	0,4608+ j 0,3572	0,6088+ j1,6447
95	5,4979	19	4,674	0,3396+j 0,3449	0,4876+ j1,6324
120	6,1791	19	4,6837	0,2688+j 0,3376	0,4168+ j1,6251
150	6,9084	19	5,2365	0,2162+j0,330 5	0,3631+ j1,6180
185	7,6722	19	5,8155	0,1744+j0,323 9	0,3224+ j1,6114
240	8,7386	19	6,6238	0,1344+j0,315 8	0,2824+ j1,6033

Lampiran 3. Rating Kapasitor

Volt rms (VL-L)	kVAr	Jumlah phasa	BIL, KV
216	5. 7,5. 13,5. 20 dan 25	1 dan 3	30
240	2,5. 5. 7,5. 10. 15. 20. 25 dan 50	1 dan 3	30
480, 600	5. 10. 15. 20. 25. 35. 50. 60 dan 100	1 dan 3	30
2400	50. 100. 150. 200. 300 dan 400	1 dan 3	75. 95. 125. 150 dan 200
2770	50. 100. 150. 200. 300. 400 dan 500	1 dan 3	75. 95. 125. 150 dan 200
4160 4800	50. 100. 150. 200. 300. 400. 500. 600. 700 dan 800	1	75. 95. 125. 150 dan 200
6640 7200	50. 100. 150. 200. 300. 400. 500. 600. 700 dan 800	1	95. 125. 150 dan 200
7620 7960			
8320 9540			
9960 11400			
12470. 13280			
13800 . 14400			

Lampiran 5. Data Tegangan Penyulang GH Bireuen

Lampiran 4. Grafik Beban dan Grafik Drop Tegangan



16:00:00	273	310	284	18.80	62	60	67	18.452	34	16	45	20.441	80.838	92.502	112.316	18.207	103	94	101	18.433	58	95	56	18.211	39	37	43	20.388
18:00:00	343	331	315	18.42	76	75	84	18.616	41	21	57	19.589	93.636	110.808	138.672	18.304	157	144	87	18.582	87	132	86	18.291	45	41	55	19.525
19:00:00	349	337	346	18.32	74	75	83	18.593	40	21	55	19.591	93.312	109.998	138.024	18.275	158	146	94	18.57	86	131	86	18.269	44	39	54	19.518
20:00:00	350	347	349	18.32	72	73	81	18.632	39	20	55	19.622	88.128	104.004	131.058	18.331	154	141	104	18.598	86	128	84	18.32	42	38	52	19.552
21:00:00	351	349	337	18.41	66	68	73	18.408	38	19	52	19.403	77.922	92.34	113.238	18.246	133	122	98	18.381	78	120	77	18.243	40	36	49	19.346
22:00:00	303	334	287	18.92	59	62	66	18.458	36	18	47	19.44	65.124	77.436	93.15	18.394	109	101	87	18.438	67	107	66	18.396	35	32	44	19.389
23:00:00	272	301	258	18.91	55	58	61	19.549	34	16	45	19.518	55.89	68.04	82.134	18.555	96	88	87	19.3	60	98	59	18.548	32	29	40	19.493

