

DAFTAR RIWAYAT HIDUP



Data Personal

NIM : 2013-11-218
Nama : NURHADIANTO
Tempat/Tgl. Lahir : Cirebon, 12 September 1995
JenisKelamin : Laki - Laki
Agama : Islam
Status Perkawinan : Belum Kawin
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Pendidikan

Jenjang	Nama Lembaga	Jurusan	Tahun Lulus
SD	SD Merpati Kota Tangerang	-	2007
SMP	SMPN 5 Kota Tangerang	-	2010
SMA	SMA Islamic Village	IPA	2013

Demikian daftar riwayat hidup ini dibuat dengan sebenarnya.

Jakarta, 8 Januari 2018
Mahasiswa.

(NURHADIANTO)

LAMPIRAN B



PT. PLN (PERSERO)
DISTRIBUSI BANTEN

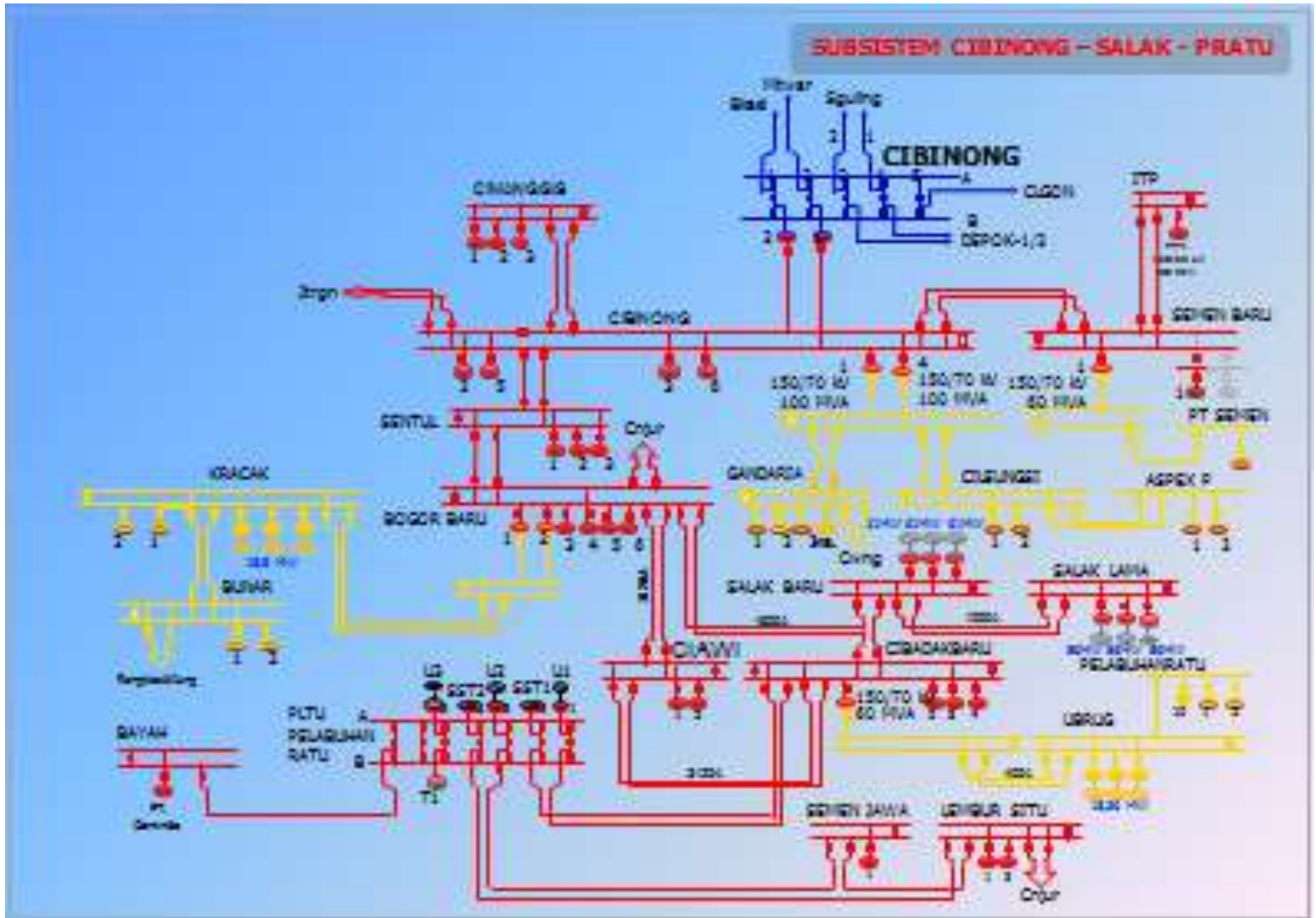
REKAP UKUR GARDU PENYULANG CISOLOK NOVEMBER 2017

NO	NAMA GARDU	ALAMAT GARDU	DAYA TRAFO (KVA)	BEBAN TRAFO (KVA)	BEBAN FASA R (KVA)	BEBAN FASA S (KVA)	BEBAN FASA T (KVA)	BEBAN FASA N (KVA)	TEGANGAN DI GARDU F-N (VOLT)			TEGANGAN DI GARDU F-F (VOLT)			BEBAN TOTAL PER FASA (A)				JENIS GARDU
									R-N	S-N	T-N	R-S	R-T	S-T	R	S	T	N	
1	GADA	SISIPAN GAD	50	6,26	1,6744509	2,487630058	2,0974	5,5896	204	203	205	353,338	351,606	355,07	14,2	21,2	17,7	27,4	CANTOL
2	CRQA	SISIPAN CRQ	50	19,88	6,3178035	6,212947977	7,3526	8,2338	211	212	212	365,463	367,195	367,19	51,8	50,7	60	38,9	CANTOL
3	CRQ	GEMPOL SAWARNA	100	48,56	19,302659	14,49757225	14,764	19,866	216	214	215	374,123	370,659	372,39	154,6	117,2	118,8	92,4	CANTOL
4	CIZA	SISIPAN CIZ	50	29,77	8,8286705	10,20687861	10,738	9,102	222	221	223	384,515	382,783	386,25	68,8	79,9	83,3	41	CANTOL
5	SEL	SELAWI	50	11,79	4,8110983	1,439190751	5,5399	10,968	204	211	207	353,338	365,463	358,53	40,8	11,8	46,3	52,9	CANTOL
6	SELA	SISIPAN SEL	50	23,13	9,3410405	5,468092486	8,3195	20,733	202	203	203	349,874	351,606	351,61	80	46,6	70,9	102,3	CANTOL
7	GAD	GONDANG	50	12,66	4,4491329	4,799537572	3,4086	5,332	215	214	216	372,391	370,659	374,12	35,8	38,8	27,3	24,8	CANTOL
8	PWD	PURWADADI	50	9,11	3,6640462	2,823815029	2,6223	2,772	212	207	211	367,195	358,535	365,46	29,9	23,6	21,5	13,2	CANTOL
9	CTB	CITARATE BAWAH	50	7,53	2,666185	2,710578035	2,1484	5,8153	205	203	202	355,07	351,606	349,87	22,5	23,1	18,4	28,6	CANTOL
10	SNR	SINAR RASA	50	17,97	8,9782659	4,232138728	4,7612	10,636	206	208	208	356,802	360,267	360,27	75,4	35,2	39,6	51,3	CANTOL
11	PBLA	SISIPAN PBL	100	16,54	5,9746821	4,848381503	5,7184	5,3218	214	219	216	370,659	379,319	374,12	48,3	38,3	45,8	24,6	CANTOL
12	PBL	PAMUMBULAN	50	19,66	6,8727168	3,508901734	9,2832	10,596	221	224	220	382,783	387,979	381,05	53,8	27,1	73	47,8	CANTOL
13	CSP	CISALADA PAMUMBULAN	50	1,74	0,8153179	0,354450867	0,569	1,3217	217	219	214	375,855	379,319	370,66	6,5	2,8	4,6	6,1	CANTOL
14	PBLB	SISIPAN PBL	50	21,25	8,9572254	6,509132948	5,7827	15,789	208	207	205	360,267	358,535	355,07	74,5	54,4	48,8	76,4	CANTOL
15	CHD	CIHIDENG	50	11,82	3,4182659	5,569710983	2,836	6,0252	224	221	222	387,979	382,783	384,52	26,4	43,6	22,1	27,1	CANTOL
16	NGI	NEGLARASI CIKATOMAS	25	4,32	3,9023121	0,391907514	0,0261	2,5124	215	226	226	372,391	391,443	391,44	31,4	3	0,2	11,3	CANTOL
17	CEB	CIKESIK BAWAH	50	16	4,8444509	7,778959538	3,3784	9,42	209	208	211	361,999	360,267	365,46	40,1	64,7	27,7	45	CANTOL
18	CTN	CIPICUNG	25	9,93	3,8135838	4,040751445	2,0719	7,1429	203	205	206	351,606	355,07	356,8	32,5	34,1	17,4	34,9	CANTOL
19	CWH	CIAWI HILIR	50	17,14	4,716763	5,64797688	6,7731	8,3675	204	207	215	353,338	358,535	372,39	40	47,2	54,5	40,1	CANTOL
20	CUD	CIBUNAR	100	15,28	9,4078035	1,502080925	4,3708	14,572	215	213	213	372,391	368,927	368,93	75,7	12,2	35,5	68,2	CANTOL
21	ILT	INDOSAT LEBAK TIPAR	50	4,62	1,1646243	1,106358382	2,3526	2,5622	219	220	220	379,319	381,051	381,05	9,2	8,7	18,5	11,5	CANTOL
22	TIR	LEBAK TIPAR	100	28,68	7,2754913	5,439017341	15,966	12,198	206	205	204	356,802	355,07	353,34	61,1	45,9	135,4	59,5	CANTOL
23	CLTP	CIPICUNG LEBAK TIPAR	25	8,16	4,2986127	3,864797688	0	7,82	206	207	206	356,802	358,535	356,8	36,1	32,3	0	37,9	CANTOL
24	PHU	PASIR HAUR	25	9,32	5,0130636	0,240462428	4,0665	9,02	206	208	201	356,802	360,267	348,14	42,1	2	35	44	CANTOL
25	PKB	PASIR KADAL	50	0,32	0,1513295	0,131618497	0,0361	0,1605	187	207	208	323,894	358,535	360,27	1,4	1,1	0,3	0,8	CANTOL
26	CBOS	CISALAK	50	19,18	5,1320231	6,631387283	7,4164	8,7353	179	189	198	310,037	327,358	342,95	49,6	60,7	64,8	46,3	CANTOL
27	BBY	PASIR BUNGUR	50	19,37	6,5241618	5,753757225	7,089	8,0367	203	210	210	351,606	363,731	363,73	55,6	47,4	58,4	38,7	CANTOL
28	SNRA	SISIPAN SNR	50	19,34	4,3630058	9,52982659	5,4494	16,544	222	221	225	384,515	382,783	389,71	34	74,6	41,9	74,3	CANTOL
29	TJLS	TANJUNG LAYAR SAWARNA	100	18,45	7,0713873	4,779017341	6,5978	7,4202	215	217	217	372,391	375,855	375,86	56,9	38,1	52,6	34,3	CANTOL
30	CIZ	CIBEAS	100	26,23	9,2263584	12,12086705	4,8806	18,445	172	207	195	297,913	358,535	337,75	92,8	101,3	43,3	96,4	CANTOL
31	CBOD	CISALAK BARU	50	13,41	5,3239306	4,09017341	4	4,6037	232	232	200	401,836	401,836	346,41	39,7	30,5	34,6	20,8	CANTOL
32	CSCBR	CISALAK LAMA	50	18,85	5,2455491	4,511965318	9,0922	7,7645	196	189	193	339,482	327,358	334,29	46,3	41,3	81,5	40,3	CANTOL
33	CPCPL	CIPERNA	50	15,77	5,6021965	5,676763006	4,4866	9,4075	174	198	197	301,377	342,946	341,21	55,7	49,6	39,4	49,6	CANTOL
34	PJPJB	JAYANTI	50	14,77	4,3250867	8,31583815	2,1288	12,453	199	196	198	344,678	339,482	342,95	37,6	73,4	18,6	63	CANTOL
35	CBOT	CIBODAS	50	11,18	3,5276301	4,221965318	3,4351	5,35	209	220	213	361,999	381,051	368,93	29,2	33,2	27,9	25	CANTOL
36	CBOE	SISIPAN CIBODAS	50	13,44	4,0442775	5,244971098	4,1525	6,3093	234	213	199	405,3	368,927	344,68	29,9	42,6	36,1	29,3	CANTOL
37	GCUA	SISIPAN GUNUNG CURI	50	0,42	0,0115029	0,264453	0,1443	0,2352	199	197	192	344,678	341,214	332,55	0,1	1,2	1,3	1,2	CANTOL
38	BICB	BUNIWANGI	50	12,07	7,4135838	2,806242775	1,8532	11,988	227	229	229	393,176	396,64	396,64	56,5	21,2	14	52,5	CANTOL
39	CTRTC	CITEPUS	100	34,46	10,769827	9,747514451	13,942	20,533	198	197	199	342,946	341,214	344,68	94,1	85,6	121,2	103,7	CANTOL
40	CBOL	CIBADAK	50	17,14	4,716763	5,647630058	6,7731	8,3675	204	207	215	353,338	358,535	372,39	40	47,2	54,5	40,1	CANTOL
41	CKBA	CIOGRANG BARAT	25	11,15	4,6257225	2,644855491	3,8747	5,95	165	164	171	285,788	284,056	296,18	48,5	27,9	39,2	35,7	CANTOL
42	CDG	CIKAMUNDING	50	20,93	8,1594798	5,530751445	7,2443	8,7063	223	222	223	386,247	384,515	386,25	63,3	43,1	56,2	39,1	CANTOL
43	GNT	GUNUNG TUMPANG	50	5,91	3,0298266	1,021387283	1,8621	2,4469	224	186	182	387,979	322,161	315,23	23,4	9,5	17,7	12,4	CANTOL
44	LKBA	LEBAK CIOGRANG	50	12,63	5,2108092	3,956184971	3,4668	7,7794	199	187	196	344,678	323,894	339,48	45,3	36,6	30,6	40,1	CANTOL
45	CLRA	SISIPAN CIOGRANG	100	14,11	4,1919075	5,274913295	4,6394	7,8114	185	187	182	320,429	323,894	315,23	39,2	48,8	44,1	42,3	CANTOL
46	CLRB	SISIPAN CLR	50	14,34	5,0324277	3,437861272	5,8738	6,8864	181	183	174	313,501	316,965	301,38	48,1	32,5	58,4	38,4	CANTOL
47	CTOA	SISIPAN CIKATOMAS	50	12,07	7,4135838	2,806242775	1,8532	11,988	227	229	229	393,176	396,64	396,64	56,5	21,2	14	52,5	CANTOL
48	KSW	KAMPUNG SAWAH	50	4,64	1,3789595	2,923583815	0,334	5,1516	213	209	214	368,927	361,999	370,66	11,2	24,2	2,7	24,3	CANTOL

49	CTM	Q KATOMAS PASAR	25	9,54	3,4085549	3,545895954	2,5824	7,0808	234	213	204	405,3	368,927	353,34	25,2	28,8	21,9	32,4	CANTO L
50	CTO	CIKATOMAS	25	4,63	1,6679191	1,467572254	1,4938	3,6195	199	217	219	344,678	375,855	379,32	14,5	11,7	11,8	17,1	CANTO L
51	CCB	Q JENGKOL	50	35,47	7,2249711	21,02566474	7,2166	20,552	217	216	216	375,855	374,123	374,12	57,6	168,4	57,8	95	CANTO L
52	CLB	CILUBANG	50	6,07	1,9054335	1,884624277	2,2844	2,1424	201	209	208	348,142	361,999	360,27	16,4	15,6	19	10,4	CANTO L
53	CLR	CILOGRANG	100	47,5	15,418613	12,71184971	19,368	14,087	174	181	182	301,377	313,501	315,23	153,3	121,5	184,1	78,7	CANTO L
54	LBM	LEBAK LAME	25	6,56	1,7916763	3,235144509	1,5376	5,8497	189	212	200	327,358	367,195	346,41	16,4	26,4	13,3	29,2	CANTO L
55	CUU	CI BUNTU	50	9,04	2,7025434	2,998612717	3,3365	3,8285	194	198	197	336,018	342,946	341,21	24,1	26,2	29,3	19,5	CANTO L
56	BBD	BATU BEDIL BAYAH	25	0,32	0,0221965	0,079906358	0,2142	0,3887	192	196	195	332,554	339,482	337,75	0,2	0,7	1,9	2	CANTO L
57	SGOG	CINANGGA	100	29,63	11,57341	5,057456647	12,996	17,335	188	194	192	325,626	336,018	332,55	106,5	45,1	117,1	90,6	CANTO L
58	GOGA	CINANGGA	50	33,09	11,01104	9,445086705	12,63	14,988	193	190	192	334,286	329,09	332,55	98,7	86	113,8	78,2	CANTO L
59	BGD	BANTAR GADUNG	100	14,25	9,1291329	2,839017341	2,2821	11,237	208	209	210	351,606	361,999	363,73	77,8	23,5	18,8	54,2	CANTO L
60	BGDA	BANTAR GADUNG	50	18,85	5,2455491	4,511965318	9,0922	7,7645	196	189	193	339,482	327,358	334,29	46,3	41,3	81,5	40,3	CANTO L
61	WRG	RANCA PASUNG	25	11,15	4,6257225	2,644855491	3,8747	5,95	165	164	171	285,788	284,056	296,18	48,5	27,9	39,2	35,7	CANTO L
62	WRGA	SISI PAN WRG	25	18,48	5,2401156	6,029479789	7,2111	11,289	174	190	184	301,377	329,09	318,7	52,1	54,9	67,8	61,8	CANTO L
63	SWRG	WARUNG KERUPUK	50	19,11	7,4910983	5,586986416	6,0294	3,9633	179	181	178	310,087	313,501	308,31	72,4	53,4	58,6	22,1	CANTO L
64	TORA	SISI PAN TOR	50	30,5	13,496879	10,73063584	6,2681	11,565	188	182	186	325,626	315,233	322,16	124,2	102	58,3	62,4	CANTO L
65	TOR	CIKOTO K PASAR	250	76,17	23,674162	30,08121387	22,415	35,325	189	185	183	327,358	320,429	316,97	216,7	281,3	211,9	136,4	PORTAL
66	PSLB	PASIR LOA	50	26,59	13,080751	6,786986416	6,7752	17,743	186	198	199	322,161	342,946	344,68	121,2	59,3	58,9	91,3	CANTO L
67	ATM	A NEKA TAMBANG	50	15,77	5,6021965	5,676763006	4,4866	9,4075	174	198	197	301,377	342,946	341,21	55,7	49,6	39,4	48,6	CANTO L
68	SMR	SITUME KAR CIKOTOK	50	12,77	3,6643353	4,250635838	4,8527	8,2511	187	192	198	323,894	332,554	342,95	33,9	38,3	42,4	42,9	CANTO L
69	CRBA	CILOGRANG BEBER	50	14,77	4,3250867	8,31583815	2,1288	12,453	199	196	198	344,678	339,482	342,95	37,6	73,4	18,6	63	CANTO L
70	PNQ	PASIR NAN GKA	250	53,18	14,015896	19,16786127	19,994	16,526	183	182	181	316,965	315,233	313,5	132,5	182,2	191,1	90,8	PORTAL
71	CBMA	SISI PAN CBM	50	19,83	7,9963006	6,191791908	5,6421	9,633	176	198	196	304,841	342,946	339,48	78,6	54,1	49,8	50,7	CANTO L
72	GCH	GARUNG CIGUHA	100	36,07	10,695029	10,72069364	14,65	22,989	196	199	198	339,482	344,678	342,95	94,4	99,2	128	116,3	CANTO L
73	GAK	GARUNG LEBAK	100	34,46	10,769827	9,747514451	13,942	20,533	198	197	199	342,946	341,214	344,68	94,1	85,6	121,2	108,7	CANTO L
74	CHG	CIHERANG	160	47,7	14,923699	18,0250289	14,749	25,205	195	199	189	337,75	344,678	327,36	132,4	156,7	135	129,7	PORTAL
75	CKCB	Q KONEN G CIBEER	100	37,66	10,881734	13,86971098	12,904	24,923	199	197	196	344,678	341,214	339,48	94,6	121,8	113,9	126,3	CANTO L
76	KKW	KADU KALAHANG WARUNG	50	30,13	9,632948	9,788959538	10,712	19,605	202	199	201	349,874	344,678	348,14	82,5	85,1	92,2	97,7	CANTO L
77	MSBJ	MESSA MUDERA BANTEN JAYA	50	14,77	4,3250867	8,31583815	2,1288	12,453	199	196	198	344,678	339,482	342,95	37,6	73,4	18,6	63	CANTO L
78	CUBA	SISI PAN CARUCUB	50	19,18	5,1320231	6,631387283	7,4164	8,7353	179	189	198	310,087	327,358	342,95	49,6	60,7	64,8	46,3	CANTO L
79	SNC	SOREANG NEGLASARI CIBEER	50	21,33	6,1149711	8,126011561	7,0918	9,5023	197	180	192	341,214	311,769	332,55	53,7	78,1	63,9	50,1	CANTO L
80	CUB	CI CARUCUB	100	38,31	15,197803	10,52947977	12,583	19,245	187	198	197	323,894	342,946	341,21	140,6	92	110,5	99,2	CANTO L
81	CUBB	SISI PAN CARUCUB	50	33,85	11,508208	12,91317919	9,4324	21,523	188	189	199	325,626	327,358	344,68	105,9	118,2	82	112,1	CANTO L
82	TODA	WARUNG BANTEN	50	21,22	6,2947977	6,369190751	8,5518	12,167	198	189	197	342,946	327,358	341,21	55	58,3	75,1	62,5	CANTO L
83	CBDA	SISI PAN CIBADAK	50	30,93	9,9962428	10,21439306	10,721	17,862	189	197	199	327,358	341,214	344,68	91,5	89,7	93,2	91,6	CANTO L
84	CLBA	CILEMBU UTARA	50	11,82	3,4182659	5,569710983	2,836	6,0252	224	221	222	387,979	382,783	384,52	26,4	43,6	22,1	27,1	CANTO L
85	CAYS	Q AYUNAN	100	21,16	6,4206936	8,735028902	6,0045	11,88	198	196	199	342,946	339,482	344,68	56,1	77,1	52,2	60,1	CANTO L
86	CYS	Q AYUNAN	50	12,63	5,2108092	3,956184971	3,4668	7,7794	199	187	196	344,678	323,894	339,48	45,3	36,6	30,6	40,1	CANTO L
87	DKL	DENGLIENG SUKA MULYA	50	28,2	9,1882081	12,82572254	6,1829	18,915	196	199	187	339,482	344,678	323,89	81,1	111,5	57,2	97,5	CANTO L
88	CBS	CURUG BANDUNG SUKA MULYA	50	34,81	15,011272	9,544566474	10,255	19,253	199	187	198	344,678	323,894	342,95	130,5	88,3	89,6	98,9	CANTO L
89	NJC	NAGAJAYA Q KATOMAS	50	10,08	3,3365896	4,413872832	2,3339	4,3483	213	230	206	368,927	398,372	356,8	27,1	33,2	19,6	20,1	CANTO L
90	YKCC	SAN KAHURI PAN MADANI	50	4	1,5089995	1,342023121	1,1502	3,1195	227	213	201	398,176	368,927	348,14	11,5	10,9	9,9	14,6	CANTO L
91	PPT	PASIR PETELU	25	9,54	3,4085549	3,545895954	2,5824	7,0808	234	213	204	405,3	368,927	353,34	25,2	28,8	21,9	32,4	CANTO L
92	CBBA	SISI PAN CBB	25	6,41	2,0162428	1,97583815	2,4162	6,4842	231	211	200	400,104	365,463	346,41	15,1	16,2	20,9	30,3	CANTO L
93	CBB	CIBEER	50	8,95	2,9915607	3,549190751	2,4046	6,3787	229	211	200	396,64	365,463	346,41	22,6	29,1	20,8	29,9	CANTO L
94	CPN	CIPINANG	25	8,03	2,5969942	2,412485549	3,0225	6,9973	208	222	210	360,267	384,515	363,73	21,6	18,8	24,9	32,8	CANTO L
95	LBR	LEBAK LA RANG	50	7,16	2,5863584	2,63583815	1,9342	4,2778	188	200	198	325,626	346,41	342,95	23,8	22,8	16,9	21,9	CANTO L
96	CLD	CI LADU	100	11,88	3,9242775	4,54265896	3,4179	5,5594	186	222	219	322,161	384,515	379,32	36,5	35,4	27	26,6	CANTO L

97	CHN	CIHANEUT	50	9,51	2,7352601	3,102138728	3,669	6,5361	182	201	213	315,233	348,142	368,93	26	26,7	29,8	32,9	CANTOL
98	CNGK	CINANGKA	50	8,58	2,5234682	2,328034682	3,7306	4,2372	204	225	213	353,338	389,711	368,93	21,4	17,9	30,3	19,8	CANTOL
99	CCD	CICADAS GIRIMUKTI CILOGRANG	50	8,32	3,1520809	2,887052023	2,2775	7,36	219	221	200	379,319	382,783	346,41	24,9	22,6	19,7	34,5	CANTOL
100	SWG	SUKAREDAH	50	5,38	0,6655491	2,491040462	2,2198	3,5927	202	221	211	349,874	382,783	365,46	5,7	19,5	18,2	17	CANTOL
101	CCRG	CICARIANG	50	12,86	4,5516763	5,025491329	3,2873	7,0052	193	227	213	334,286	393,176	368,93	40,8	38,3	26,7	33,2	CANTOL
102	CLGI	CILEUNGSIR	50	13,41	5,3239306	4,09017341	4	4,6037	232	232	200	401,836	401,836	346,41	39,7	30,5	34,6	20,8	CANTOL
103	CLBAS	CILEMBU SELATAN	50	19,66	6,8727168	3,508901734	9,2832	10,596	221	224	220	382,783	387,979	381,05	53,8	27,1	73	47,8	CANTOL
104	TLU	TEGAL UMBU	100	10,7	4,3824277	3,140289017	3,1817	5,2163	234	199	198	405,3	344,678	342,95	32,4	27,3	27,8	24,8	CANTOL
105	CPHM	CIPANGGUNG HEGAR MANAH	50	10,26	3,4343931	3,451907514	3,3699	6,5588	233	222	212	403,568	384,515	367,19	25,5	26,9	27,5	29,5	CANTOL
106	PLHM	PASIR LIMUS HEGAR MANAH	50	8,9	2,7653179	3,173468208	2,9595	5,672	230	217	200	398,372	375,855	346,41	20,8	25,3	25,6	26,3	CANTOL
107	HGF	HARENDONG GREEN FARM	100	9,52	3,6124855	3,282774566	2,622	6,3332	224	229	216	387,979	396,64	374,12	27,9	24,8	21	28,4	CANTOL
108	CBOLS	CIBADAK SELATAN	50	15,77	5,6021965	5,676763006	4,4866	9,4075	174	198	197	301,377	342,946	341,21	55,7	49,6	39,4	49,6	CANTOL
109	PWDA	SISIPAN PURWADADI	25	7,87	5,0345665	1,454046243	1,379	3,6594	214	215	213	370,659	372,391	368,93	40,7	11,7	11,2	17,1	CANTOL
110	PRC	PASIR RAYA	50	20,34	4,6915607	6,467976879	9,179	22,101	197	197	198	341,214	341,214	342,95	41,2	56,8	80,2	112	CANTOL
111	PBY	PASIRBUNGUR RAYA	50	14,9	4,7500578	5,483583815	4,6649	7,5708	192	194	189	332,554	336,018	327,36	42,8	48,9	42,7	39,5	CANTOL
112	CKPT	CIKAMUNDING TIPAR	50	24,04	9,1709827	7,590520231	7,28	6,7034	186	186	182	322,161	322,161	315,23	85,3	70,6	69,2	36,3	CANTOL
113	CBNR	CIBARENO	50	16,13	4,4369942	6,157456647	5,5401	10,298	190	198	196	329,09	342,946	339,48	40,4	53,8	48,9	52,9	CANTOL
114	SBIS	SAWARNA INDAH	100	25,07	6,2861272	7,702023121	11,085	14,274	174	189	186	301,377	327,358	322,16	62,5	70,5	103,1	78	CANTOL
115	CAW	CURUG WETAN	50	9,04	2,7025434	2,998612717	3,3365	3,8285	194	198	197	336,018	342,946	341,21	24,1	26,2	29,3	19,5	CANTOL
116	CRKS	CIRAKAS	50	11,18	3,5276301	4,221965318	3,4351	5,35	209	220	213	361,999	381,051	368,93	29,2	33,2	27,9	25	CANTOL
117	HGM	HARENDONG GREEN MANAH	25	6,93	3,4705202	2,571791908	0,8832	4,0005	190	196	191	329,09	339,482	330,82	31,6	22,7	8	20,8	CANTOL
118	LPH	LEBAK PASIR	100	28,58	10,560694	9,107514451	8,9133	6,292	203	202	200	351,606	349,874	346,41	90	78	77,1	31,2	CANTOL
119	SUM	SOREANG UTARA	250	52,56	20,886416	15,65965318	16,011	22,523	195	192	197	337,75	332,554	341,21	185,3	141,1	140,6	115,7	PORTAL
120	LMT	LEBAK CIHAMBALI	50	11,18	3,5276301	4,221965318	3,4351	5,35	209	220	213	361,999	381,051	368,93	29,2	33,2	27,9	25	CANTOL
121	LWB	LEBAK WARUNG BANTEN	50	14,77	4,3250867	8,31583815	2,1288	12,453	199	196	198	344,678	339,482	342,95	37,6	73,4	18,6	63	CANTOL
122	LBH	SISIPAN LEBAK CIHAMBALI	50	11,82	3,4182659	5,569710983	2,836	6,0252	224	221	222	387,979	382,783	384,52	26,4	43,6	22,1	27,1	CANTOL
123	KBCH	CIHAMBALI BARAT	50	12,63	5,2108092	3,956184971	3,4668	7,7794	199	187	196	344,678	323,894	339,48	45,3	36,6	30,6	40,1	CANTOL
124	LGCH	GARUNG CIHAMBALI	100	37,66	10,881734	13,86971098	12,904	24,923	199	197	196	344,678	341,214	339,48	94,6	121,8	113,9	126,3	CANTOL
125	CSRH	CIHAMBALI SUKAMAJU RAYA	100	34,46	10,769827	9,747514451	13,942	20,533	198	197	199	342,946	341,214	344,68	94,1	85,6	121,2	103,7	CANTOL
126	NWB	WARUNG BANTEN ARAH UTARA	50	8,95	2,9915607	3,549190751	2,4046	6,3787	229	211	200	396,64	365,463	346,41	22,6	29,1	20,8	29,9	CANTOL
127	CBD	CIBADAK UTAMA	50	14,77	4,3250867	8,31583815	2,1288	12,453	199	196	198	344,678	339,482	342,95	37,6	73,4	18,6	63	CANTOL
128	MSHM	MUHARA RAYA	50	7,16	2,5863584	2,63583815	1,9342	4,2778	188	200	198	325,626	346,41	342,95	23,8	22,8	16,9	21,9	CANTOL
129	TOD	BEDENG PASAR	50	15,77	5,6021965	5,676763006	4,4866	9,4075	174	198	197	301,377	342,946	341,21	55,7	49,6	39,4	49,6	CANTOL
130	PAC	BEDENG PASAR CIHERANG	100	49,24	14,585549	14,04052023	20,613	16,79	195	197	191	337,75	341,214	330,82	129,4	123,3	186,7	86,4	CANTOL
131	PNQA	SISIPAN PNQA	100	34,81	15,011272	9,544566474	10,255	19,253	199	187	198	344,678	323,894	342,95	130,5	88,3	89,6	98,9	CANTOL
132	KSO	SISIPAN KSO	50	9,11	3,6640462	2,823815029	2,6223	2,772	212	207	211	367,195	358,535	365,46	29,9	23,6	21,5	13,2	CANTOL
133	KSOA	MEKAR JAYA	50	13,44	4,0442775	5,244971098	4,1525	6,3093	234	213	199	405,3	368,927	344,68	29,9	42,6	36,1	29,3	CANTOL
134	MTB	CIPALABUH GIRANG	250	41,55	11,618497	11,63011561	18,299	14,677	200	201	208	346,41	348,142	360,27	144,509	100,5	100,1	152,2	PORTAL
135	CBM	WARUNG UYUM	50	14,25	9,1291329	2,839017341	2,2821	11,237	203	209	210	351,606	361,999	363,73	77,8	23,5	18,8	54,2	CANTOL
136	CDH	SISIPAN CDH	25	5,38	0,6655491	2,491040462	2,2198	3,5927	202	221	211	349,874	382,783	365,46	5,7	19,5	18,2	17	CANTOL
137	BEA	SINDANG JAYA	50	11,15	4,6257225	2,644855491	3,8747	5,95	165	164	171	285,788	284,056	296,18	48,5	27,9	39,2	35,7	CANTOL
138	LMCB	SINDANG JAYA	50	11,82	3,4182659	5,569710983	2,836	6,0252	224	221	222	387,979	382,783	384,52	26,4	43,6	22,1	27,1	CANTOL
139	DIG	SISIPAN DIG	50	6,56	1,7916763	3,235144509	1,5376	5,8497	189	212	200	327,358	367,195	346,41	16,4	26,4	13,3	29,2	CANTOL
140	DIGA	PANENJOAN	50	12,07	7,4135838	2,806242775	1,8532	11,988	227	229	229	393,176	396,64	396,64	56,5	21,2	14	52,5	CANTOL
141	NUC	PANENJOAN	50	8,32	3,1520809	2,887052023	2,2775	7,36	219	221	200	379,319	382,783	346,41	24,9	22,6	19,7	34,5	CANTOL
142	TCB	PANENJOAN	50	10,26	3,9060116	3,209306358	3,1474	5,4201	226	199	198	391,443	344,678	342,95	29,9	27,9	27,5	26,1	CANTOL
143	CMT	MEKARSARI	50	9,61	2,4616185	3,243815029	3,9031	5,2445	214	199	204	370,659	344,678	353,34	19,9	28,2	33,1	25,5	CANTOL
144	NYP	CILAKSANA	50	11,15	4,6257225	2,644855491	3,8747	5,95	165	164	171	285,788	284,056	296,18	48,5	27,9	39,2	35,7	CANTOL
145	GCU	GUNUNG CURI	25	9,93	3,8135838	4,040751445	2,0719	7,1429	203	205	206	351,606	355,07	356,8	32,5	34,1	17,4	34,9	CANTOL
146	CHNA	CIHANEUT ATAS	50	11,82	3,4182659	5,569710983	2,836	6,0252	224	221	222	387,979	382,783	384,52	26,4	43,6	22,1	27,1	CANTOL

LAMPIRAN C



LAMPIRAN D

1. Tegangan pada Titik 6a

Diketahui :

$$V_6 = (19776.2983-j79.618) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{6a} &= V_6 - (I_{6a} \times Z_{6a}) \\ &= \{(19776.2983-j79.618) - (14.1110+j1.4831)\} \text{ Volt} \\ &= (19762.1873-j81.1011) \text{ Volt} \end{aligned}$$

2. Tegangan pada Titik 6b

Diketahui :

$$V_{6a} = (19762.1873-j81.1011) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{6b} &= V_{6a} - (I_{6b} \times Z_{6b}) \\ &= \{(19762.1873-j81.1011) - (10.8796-j1.8070)\} \text{ Volt} \\ &= (19751.3077-j79.2941) \text{ Volt} \end{aligned}$$

3. Tegangan pada Titik 6c

Diketahui :

$$V_{6b} = (19751.3077-j79.2941) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{6c} &= V_{6b} - (I_{6c} \times Z_{6c}) \\ &= \{(19751.3077-j79.2941) - (10.6321+j1.1175)\} \text{ Volt} \\ &= (19740.6756-j80.4116) \text{ Volt} \end{aligned}$$

4. Tegangan pada Titik 6d

Diketahui :

$$V_{6c} = (19740.6756-j80.4116) \text{ Volt}$$

Jadi,

$$V_{6d} = V_{6c} - (I_{6d} \times Z_{6d})$$

$$= \{(19740.6756-j80.4116) - (10.5885-j1.7586)\} \text{ Volt}$$

$$= (19730.0871-j78.653) \text{ Volt}$$

5. Tegangan pada Titik 7

Diketahui :

$$V_{6d} = (19730.0871-j78.653) \text{ Volt}$$

Jadi,

$$V_7 = V_{6d} - (I_7 \times Z_7)$$

$$= \{(19730.0871-j78.653) - (32.3690+j15.1146)\} \text{ Volt}$$

$$= (19697.7181-j93.7676) \text{ Volt}$$

6. Tegangan pada Titik 7a

Diketahui :

$$V_7 = (19697.7181-j93.7676) \text{ Volt}$$

Jadi,

$$V_{7a} = V_7 - (I_{7a} \times Z_{7a})$$

$$= \{(19697.7181-j93.7676) - (30.0093+j3.1541)\} \text{ Volt}$$

$$= (19667.7088-j96.9217) \text{ Volt}$$

7. Tegangan pada Titik 8

Diketahui :

$$V_{7a} = (19667.7088-j96.9217) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_8 &= V_{7a} - (I_8 \times Z_8) \\
 &= \{(19667.7088-j96.9217) - (7.1178+j0.7481)\} \text{ Volt} \\
 &= (19660.591-j97.6698) \text{ Volt}
 \end{aligned}$$

8. Tegangan pada Titik 8a

Diketahui :

$$V_8 = (19660.591-j97.6698) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{8a} &= V_8 - (I_{8a} \times Z_{8a}) \\
 &= \{(19660.591-j97.6698) - (9.8515+j4.6001)\} \text{ Volt} \\
 &= (19650.7395-j102.2699) \text{ Volt}
 \end{aligned}$$

9. Tegangan pada Titik 8b

Diketahui :

$$V_{8a} = (19650.7395-j102.2699) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{8b} &= V_{8a} - (I_{8b} \times Z_{8b}) \\
 &= \{(19650.7395-j102.2699) - (10.8382+j1.1392)\} \text{ Volt} \\
 &= (19639.9013-j103.4091) \text{ Volt}
 \end{aligned}$$

10. Tegangan pada Titik 8c

Diketahui :

$$V_{8b} = (19639.9013-j103.4091) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{8c} &= V_{8b} - (I_{8c} \times Z_{8c}) \\
 &= \{(19639.9013-j103.4091) - (7.7571+j3.6221)\} \text{ Volt} \\
 &= (19632.1442-j107.0312) \text{ Volt}
 \end{aligned}$$

11. Tegangan pada Titik 8d

Diketahui :

$$V_{8c} = (19632.1442 - j107.0312) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{8d} &= V_{8c} - (I_{8d} \times Z_{8d}) \\ &= \{(19632.1442 - j107.0312) - (11.2048 + j1.1777)\} \text{ Volt} \\ &= (19620.9394 - j108.2089) \text{ Volt} \end{aligned}$$

12. Tegangan pada Titik 8e

Diketahui :

$$V_{8d} = (19620.9394 - j108.2089) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{8e} &= V_{8d} - (I_{8e} \times Z_{8e}) \\ &= \{(19620.9394 - j108.2089) - (14.6970 + j6.8627)\} \text{ Volt} \\ &= (19606.2424 - j115.0716) \text{ Volt} \end{aligned}$$

13. Tegangan pada Titik 8f

Diketahui :

$$V_{8e} = (19606.2424 - j115.0716) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{8f} &= V_{8e} - (I_{8f} \times Z_{8f}) \\ &= \{(19606.2424 - j115.0716) - (10.3812 + j1.0911)\} \text{ Volt} \\ &= (19595.8612 - j116.1627) \text{ Volt} \end{aligned}$$

14. Tegangan pada Titik 8g

Diketahui :

$$V_{8f} = (19595.8612 - j116.1627) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{8g} &= V_{8f} - (I_{8g} \times Z_{8g}) \\&= \{(19595.8612-j116.1627) - (53.7053+j25.0774)\} \text{ Volt} \\&= (19542.1559-j141.2401) \text{ Volt}\end{aligned}$$

15. Tegangan pada Titik 8h

Diketahui :

$$V_{8g} = (19542.1559-j141.2401) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{8h} &= V_{8g} - (I_{8h} \times Z_{8h}) \\&= \{(19542.1559-j141.2401) - (10.1585+j1.0677)\} \text{ Volt} \\&= (19531.9974-j142.3078) \text{ Volt}\end{aligned}$$

16. Tegangan pada Titik 8i

Diketahui :

$$V_{8h} = (19531.9974-j142.3078) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{8i} &= V_{8h} - (I_{8i} \times Z_{8i}) \\&= \{(19531.9974-j142.3078) - (6.0977+j0.6409)\} \text{ Volt} \\&= (19525.8997-j142.9487) \text{ Volt}\end{aligned}$$

17. Tegangan pada Titik 8j

Diketahui :

$$V_{8i} = (19525.8997-j142.9487) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{8j} &= V_{8i} - (I_{8j} \times Z_{8j}) \\&= \{(19525.8997-j142.9487) - (10.2246+j4.7744)\} \text{ Volt}\end{aligned}$$

$$= (19515.6751-j147.7231) \text{ Volt}$$

18. Tegangan pada Titik 9

Diketahui :

$$V_{8j} = (19515.6751-j147.7231) \text{ Volt}$$

Jadi,

$$V_9 = V_{8j} - (I_9 \times Z_9)$$

$$= \{(19515.6751-j147.7231) - (43.3182+j20.2272)\} \text{ Volt}$$

$$= (19472.3569-j167.9503) \text{ Volt}$$

19. Tegangan pada Titik 10

Diketahui :

$$V_9 = (19472.3569-j167.9503) \text{ Volt}$$

Jadi,

$$V_{10} = V_9 - (I_{10} \times Z_{10})$$

$$= \{(19472.3569-j167.9503) - (7.5747+j3.5370)\} \text{ Volt}$$

$$= (19464.7822-j171.4873) \text{ Volt}$$

20. Tegangan pada Titik 10a

Diketahui :

$$V_{10} = (19464.7822-j171.4873) \text{ Volt}$$

Jadi,

$$V_{10a} = V_{10} - (I_{10a} \times Z_{10a})$$

$$= \{(19464.7822-j171.4873) - (21.9561+j2.3077)\} \text{ Volt}$$

$$= (19442.8261-j173.795) \text{ Volt}$$

21. Tegangan pada Titik 11

Diketahui :

$$V_{10a} = (19442.8261-j173.795) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{11} &= V_{10a} - (I_{11} \times Z_{11}) \\ &= \{(19442.8261-j173.795) - (11.7222+j5.4736)\} \text{ Volt} \\ &= (19431.1039-j179.2686) \text{ Volt} \end{aligned}$$

22. Tegangan pada Titik 12

Diketahui :

$$V_{11} = (19431.1039-j179.2686) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{12} &= V_{11} - (I_{12} \times Z_{12}) \\ &= \{(19431.1039-j179.2686) - (12.9731+j6.0577)\} \text{ Volt} \\ &= (19418.1308-j185.3263) \text{ Volt} \end{aligned}$$

23. Tegangan pada Titik 12a

Diketahui :

$$V_{12} = (19418.1308-j185.3263) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{12a} &= V_{12} - (I_{12a} \times Z_{12a}) \\ &= \{(19418.1308-j185.3263) - (13.3284+j1.4009)\} \text{ Volt} \\ &= (19404.8024-j186.7272) \text{ Volt} \end{aligned}$$

24. Tegangan pada Titik 13

Diketahui :

$$V_{12a} = (19404.8024-j186.7272) \text{ Volt}$$

Jadi,

$$V_{13} = V_{12a} - (I_{13} \times Z_{13})$$

$$= \{(19404.8024-j186.7272) - (44.7585+j20.8998)\} \text{ Volt}$$

$$= (19360.0439-j207.627) \text{ Volt}$$

25. Tegangan pada Titik 14

Diketahui :

$$V_{13} = (19360.0439-j207.627) \text{ Volt}$$

Jadi,

$$V_{14} = V_{13} - (I_{14} \times Z_{14})$$

$$= \{(19360.0439-j207.627) - (17.2502+j8.0549)\} \text{ Volt}$$

$$= (19342.7937-j215.6819) \text{ Volt}$$

26. Tegangan pada Titik 15

Diketahui :

$$V_{14} = (19342.7937-j215.6819) \text{ Volt}$$

Jadi,

$$V_{15} = V_{14} - (I_{15} \times Z_{15})$$

$$= \{(19342.7937-j215.6819) - (17.2395+j8.0499)\} \text{ Volt}$$

$$= (19325.5542-j223.7318) \text{ Volt}$$

27. Tegangan pada Titik 15a

Diketahui :

$$V_{15} = (19325.5542-j223.7318) \text{ Volt}$$

Jadi,

$$V_{15a} = V_{15} - (I_{15a} \times Z_{15a})$$

$$= \{(19325.5542-j223.7318) - (16.0010+j1.6818)\} \text{ Volt}$$

$$= (19309.5532-j225.4136) \text{ Volt}$$

28. Tegangan pada Titik 16

Diketahui :

$$V_{15a} = (19309.5532 - j225.4136) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{16} &= V_{15a} - (I_{16} \times Z_{16}) \\ &= \{(19309.5532 - j225.4136) - (30.5590 + j14.2694)\} \text{ Volt} \\ &= (19278.9942 - j239.683) \text{ Volt} \end{aligned}$$

29. Tegangan pada Titik 16a

Diketahui :

$$V_{16} = (19278.9942 - j239.683) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{16a} &= V_{16} - (I_{16a} \times Z_{16a}) \\ &= \{(19278.9942 - j239.683) - (24.2722 + j11.3338)\} \text{ Volt} \\ &= (19254.722 - j251.0168) \text{ Volt} \end{aligned}$$

30. Tegangan pada Titik 16b

Diketahui :

$$V_{16a} = (19254.722 - j251.0168) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{16b} &= V_{16a} - (I_{16b} \times Z_{16b}) \\ &= \{(19254.722 - j251.0168) - (48.1357 + j22.9437)\} \text{ Volt} \\ &= (19206.5863 - j273.9605) \text{ Volt} \end{aligned}$$

31. Tegangan pada Titik 17

Diketahui :

$$V_{16b} = (19206.5863 - j273.9605) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{17} &= V_{16b} - (I_{17} \times Z_{17}) \\
 &= \{(19206.5863-j273.9605) - (23.9717+j11.1935)\} \text{ Volt} \\
 &= (19182.6146-j285.154) \text{ Volt}
 \end{aligned}$$

32. Tegangan pada Titik 17a

Diketahui :

$$V_{17} = (19182.6146-j285.154) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{17a} &= V_{17} - (I_{17a} \times Z_{17a}) \\
 &= \{(19182.6146-j285.154) - (22.6448+j2.3801)\} \text{ Volt} \\
 &= (19159.9698-j287.5341) \text{ Volt}
 \end{aligned}$$

33. Tegangan pada Titik 18

Diketahui :

$$V_{17a} = (19159.9698-j287.5341) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{18} &= V_{17a} - (I_{18} \times Z_{18}) \\
 &= \{(19159.9698-j287.5341) - (31.1468+j14.5439)\} \text{ Volt} \\
 &= (19128.823-j302.078) \text{ Volt}
 \end{aligned}$$

34. Tegangan pada Titik 19

Diketahui :

$$V_{18} = (19128.823-j302.078) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{19} &= V_{18} - (I_{19} \times Z_{19}) \\
 &= \{(19128.823-j302.078) - (20.6079+j9.6228)\} \text{ Volt} \\
 &= (19108.2151-j311.7008) \text{ Volt}
 \end{aligned}$$

35. Tegangan pada Titik 19a

Diketahui :

$$V_{19} = (19108.2151 - j311.7008) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{19a} &= V_{19} - (I_{19a} \times Z_{19a}) \\ &= \{(19108.2151 - j311.7008) - (10.3915 + j1.0922)\} \text{ Volt} \\ &= (19097.8236 - j312.793) \text{ Volt} \end{aligned}$$

36. Tegangan pada Titik 20

Diketahui :

$$V_{19a} = (19097.8236 - j312.793) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{20} &= V_{19a} - (I_{20} \times Z_{20}) \\ &= \{(19097.8236 - j312.793) - (38.9920 + j18.2071)\} \text{ Volt} \\ &= (19058.8316 - j331.0001) \text{ Volt} \end{aligned}$$

37. Tegangan pada Titik 21

Diketahui :

$$V_{20} = (19058.8316 - j331.0001) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{21} &= V_{20} - (I_{21} \times Z_{21}) \\ &= \{(19058.8316 - j331.0001) - (148.9595 + j69.5559)\} \text{ Volt} \\ &= (18909.8721 - j400.556) \text{ Volt} \end{aligned}$$

38. Tegangan pada Titik 22

Diketahui :

$$V_{21} = (18909.8721 - j400.556) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{22} &= V_{21} - (I_{22} \times Z_{22}) \\&= \{(18909.8721-j400.556) - (21.7778+j10.1690)\} \text{ Volt} \\&= (18888.0943-j410.725) \text{ Volt}\end{aligned}$$

39. Tegangan pada Titik 22a

Diketahui :

$$V_{22} = (18888.0943-j410.725) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{22a} &= V_{22} - (I_{22a} \times Z_{22a}) \\&= \{(18888.0943-j410.725) - (37.9002+j3.9835)\} \text{ Volt} \\&= (18850.1941-j414.7085) \text{ Volt}\end{aligned}$$

40. Tegangan pada Titik 23

Diketahui :

$$V_{22a} = (18850.1941-j414.7085) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{23} &= V_{22a} - (I_{23} \times Z_{23}) \\&= \{(18850.1941-j414.7085) - (102.3660+j47.7993)\} \text{ Volt} \\&= (18747.8281-j462.5078) \text{ Volt}\end{aligned}$$

41. Tegangan pada Titik 24

Diketahui :

$$V_{23} = (18747.8281-j462.5078) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{24} &= V_{23} - (I_{24} \times Z_{24}) \\&= \{(18747.8281-j462.5078) - (101.9302+j47.5958)\} \text{ Volt}\end{aligned}$$

$$= (18645.8979-j510.1036) \text{ Volt}$$

42. Tegangan pada Titik 24a

Diketahui :

$$V_{24} = (18645.8979-j510.1036) \text{ Volt}$$

Jadi,

$$V_{24a} = V_{24} - (I_{24a} \times Z_{24a})$$

$$= \{(18645.8979-j510.1036) - (116.2661+j54.2899)\} \text{ Volt}$$

$$= (18529.6318-j564.3935) \text{ Volt}$$

43. Tegangan pada Titik 24b

Diketahui :

$$V_{24a} = (18529.6318-j564.3935) \text{ Volt}$$

Jadi,

$$V_{24b} = V_{24a} - (I_{24b} \times Z_{24b})$$

$$= \{(18529.6318-j564.3935) - (88.6884+j41.4126)\} \text{ Volt}$$

$$= (18440.9434-j605.8061) \text{ Volt}$$

44. Tegangan pada Titik 25

Diketahui :

$$V_{24b} = (18440.9434-j605.8061) \text{ Volt}$$

Jadi,

$$V_{25} = V_{24b} - (I_{25} \times Z_{25})$$

$$= \{(18440.9434-j605.8061) - (77.7701+j36.3144)\} \text{ Volt}$$

$$= (18363.1733-j642.1205) \text{ Volt}$$

45. Tegangan pada Titik 25a

Diketahui :

$$V_{25} = (18363.1733-j642.1205) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{25a} &= V_{25} - (I_{25a} \times Z_{25a}) \\ &= \{(18363.1733-j642.1205) - (107.2331+j50.0720)\} \text{ Volt} \\ &= (18255.9402-j692.1925) \text{ Volt} \end{aligned}$$

46. Tegangan pada Titik 26

Diketahui :

$$V_{25a} = (18255.9402-j692.1925) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{26} &= V_{25a} - (I_{26} \times Z_{26}) \\ &= \{(18255.9402-j692.1925) - (10.8641+j5.0729)\} \text{ Volt} \\ &= (18245.0761-j697.2654) \text{ Volt} \end{aligned}$$

47. Tegangan pada Titik 26a

Diketahui :

$$V_{26} = (18245.0761-j697.2654) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{26a} &= V_{26} - (I_{26a} \times Z_{26a}) \\ &= \{(18245.0761-j697.2654) - (19.1194+j2.0095)\} \text{ Volt} \\ &= (18225.9567-j699.2749) \text{ Volt} \end{aligned}$$

48. Tegangan pada Titik 26b

Diketahui :

$$V_{26a} = (18225.9567-j699.2749) \text{ Volt}$$

Jadi,

$$V_{26b} = V_{26a} - (I_{26b} \times Z_{26b})$$

$$= \{(18225.9567-j699.2749) - (29.0132+j3.0494)\} \text{ Volt}$$

$$= (18196.9435-j702.3243) \text{ Volt}$$

49. Tegangan pada Titik 27

Diketahui :

$$V_{26b} = (18196.9435-j702.3243) \text{ Volt}$$

Jadi,

$$V_{27} = V_{26b} - (I_{27} \times Z_{27})$$

$$= \{(18196.9435-j702.3243) - (14.1527+j6.6085)\} \text{ Volt}$$

$$= (18182.7908-j708.9328) \text{ Volt}$$

50. Tegangan pada Titik 27a

Diketahui :

$$V_{27} = (18182.7908-j708.9328) \text{ Volt}$$

Jadi,

$$V_{27a} = V_{27} - (I_{27a} \times Z_{27a})$$

$$= \{(18182.7908-j708.9328) - (31.8801+j3.3507)\} \text{ Volt}$$

$$= (18150.9107-j712.2835) \text{ Volt}$$

51. Tegangan pada Titik 28

Diketahui :

$$V_{27a} = (18150.9107-j712.2835) \text{ Volt}$$

Jadi,

$$V_{28} = V_{27a} - (I_{28} \times Z_{28})$$

$$= \{(18150.9107-j712.2835) - (1.9657+j0.9179)\} \text{ Volt}$$

$$= (18148.945-j713.2014) \text{ Volt}$$

52. Tegangan pada Titik 28a

Diketahui :

$$V_{28} = (18148.945-j713.2014) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{28a} &= V_{28} - (I_{28a} \times Z_{28a}) \\ &= \{(18148.945-j713.2014) - (22.8794+j2.4047) \text{ Volt} \\ &= (18126.0656-j715.6061) \text{ Volt} \end{aligned}$$

53. Tegangan pada Titik 28b

Diketahui :

$$V_{28a} = (18126.0656-j715.6061) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{28b} &= V_{28a} - (I_{28b} \times Z_{28b}) \\ &= \{(18126.0656-j715.6061) - (10.8492+j1.1403)\} \text{ Volt} \\ &= (18115.2164-j716.7464) \text{ Volt} \end{aligned}$$

54. Tegangan pada Titik 29

Diketahui :

$$V_{28b} = (18115.2164-j716.7464) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{29} &= V_{28b} - (I_{29} \times Z_{29}) \\ &= \{(18115.2164-j716.7464) - (4.0127+j1.8737)\} \text{ Volt} \\ &= (18111.2037-j718.6201) \text{ Volt} \end{aligned}$$

55. Tegangan pada Titik 29a

Diketahui :

$$V_{29} = (18111.2037-j718.6201) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{29a} &= V_{29} - (I_{29a} \times Z_{29a}) \\
 &= \{(18111.2037-j718.6201) - (8.1240+j0.8539)\} \text{ Volt} \\
 &= (18103.0797-j719.474) \text{ Volt}
 \end{aligned}$$

56. Tegangan pada Titik 29b

Diketahui :

$$V_{29a} = (18103.0797-j719.474) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{29b} &= V_{29a} - (I_{29b} \times Z_{29b}) \\
 &= \{(18103.0797-j719.474) - (17.3094+j1.8193)\} \text{ Volt} \\
 &= (18085.7703-j721.2933) \text{ Volt}
 \end{aligned}$$

57. Tegangan pada Titik 30

Diketahui :

$$V_{29b} = (18085.7703-j721.2933) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{30} &= V_{29b} - (I_{30} \times Z_{30}) \\
 &= \{(18085.7703-j721.2933) - (21.9062+j10.2290)\} \text{ Volt} \\
 &= (18063.8641-j731.5223) \text{ Volt}
 \end{aligned}$$

58. Tegangan pada Titik 30a

Diketahui :

$$V_{30} = (18063.8641-j731.5223) \text{ Volt}$$

Jadi,

$$\begin{aligned}
 V_{30a} &= V_{30} - (I_{30a} \times Z_{30a}) \\
 &= \{(18063.8641-j731.5223) - (6.6192+j0.6957)\} \text{ Volt} \\
 &= (18057.2449-j732.218) \text{ Volt}
 \end{aligned}$$

59. Tegangan pada Titik 30b

Diketahui :

$$V_{30a} = (18057.2449 - j732.218) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{30b} &= V_{30a} - (I_{30b} \times Z_{30b}) \\ &= \{(18057.2449 - j732.218) - (16.1713 + j1.6997)\} \text{ Volt} \\ &= (18041.0736 - j733.9177) \text{ Volt} \end{aligned}$$

60. Tegangan pada Titik 30c

Diketahui :

$$V_{30b} = (18041.0736 - j733.9177) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{30c} &= V_{30b} - (I_{30c} \times Z_{30c}) \\ &= \{(18041.0736 - j733.9177) - (61.5242 + j6.4665)\} \text{ Volt} \\ &= (17979.5494 - j740.3842) \text{ Volt} \end{aligned}$$

61. Tegangan pada Titik 31

Diketahui :

$$V_{30c} = (17979.5494 - j740.3842) \text{ Volt}$$

Jadi,

$$\begin{aligned} V_{31} &= V_{30c} - (I_{31} \times Z_{31}) \\ &= \{(17979.5494 - j740.3842) - (5.1851 + j2.4212)\} \text{ Volt} \\ &= (17974.3643 - j742.8054) \text{ Volt} \end{aligned}$$

62. Tegangan pada Titik 31a

Diketahui :

$$V_{31} = (17974.3643 - j742.8054) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{31a} &= V_{31} - (I_{31a} \times Z_{31a}) \\&= \{(17974.3643-j742.8054) - (7.7204+j0.8114)\} \text{ Volt} \\&= (17966.6439-j743.6168) \text{ Volt}\end{aligned}$$

63. Tegangan pada Titik 32

Diketahui :

$$V_{31a} = (17966.6439-j743.6168) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{32} &= V_{31a} - (I_{32} \times Z_{32}) \\&= \{(17966.6439-j743.6168) - (19.4140+j9.0653)\} \text{ Volt} \\&= (17947.2299-j752.6821) \text{ Volt}\end{aligned}$$

64. Tegangan pada Titik 32a

Diketahui :

$$V_{32} = (17947.2299-j752.6821) \text{ Volt}$$

Jadi,

$$\begin{aligned}V_{32a} &= V_{32} - (I_{32a} \times Z_{32a}) \\&= \{(17947.2299-j752.6821) - (37.9296+j3.9866)\} \text{ Volt} \\&= (17909.3003-j756.6687) \text{ Volt}\end{aligned}$$

65. Tegangan pada Titik 33

Diketahui :

$$V_{32a} = (17909.3003-j756.6687) \text{ Volt}$$

$$\begin{aligned}\text{Jadi, } V_{33} &= V_{32a} - (I_{33} \times Z_{33}) \\&= \{(17909.3003-j756.6687) - (33.3623+j15.5784)\} \text{ Volt} \\&= (17875.938-j772.2471) \text{ Vol}\end{aligned}$$

