

DAFTAR PUSTAKA

- Ajiatmo, D. (2023). Transmisi dan Distribusi Tenaga Listrik (Setiawan Ari & Oktora Siwi Rimayani, Ed.; 1 ed.). Eureka Media Aksara.
- Amir, Moh., & Winarno, I. A. (2020). analisis susut tegangan saluran transmisi tegangan ekstra tinggi 500 kV. *Sinusoida*, 22(2).
- Ariangga, A. R., Hardyudo, S. I., Kartini, U. T., & Aribowo, W. (2021). Analisis Rugi Daya Dan Jatuh Tegangan Pada Sistem Kelistrikan Pt Pertamina Ledok Untuk Meningkatkan Keandalan Sistem. *Jurnal Teknik Elektro*, 10(3), 649–659.
- Handayani, O., Darmana, T., & Widyastuti, C. (2019). Analisis Perbandingan Efisiensi Penyaluran Listrik Antara Penghantar ACSR dan ACCC pada Sistem Transmisi 150kV. *Energi dan Kelistrikan: Jurnal Ilmiah*, 11(1), 37–45.
- Ihsan, M., Sara, I. D., & Lubis, R. S. (2017). Pengaruh Suhu dan Angin Terhadap Andongan dan Kekuatan Tarik Konduktor Jenis ACCC Lisbon. *KITEKTRO: Jurnal Online Teknik Elektro*, 2(3), 42–50.
- Naomi, J. V. W., Patras, L. S., & Mangindaan, G. (2022). Analisa Efek Korona pada Saluran Transmisi Gardu Induk Paniki. 1–10.
- Octary, W., Eteruddin, H., & Tanjung, A. (2020). Susut Tegangan pada Penghantar ACCC di Saluran Transmisi 150 kV di PT. PLN (Persero) Unit Pelayanan Transmisi Pekanbaru. *SainETIn (Jurnal Sain, Energi, Teknologi & Industri)*, 5(1), 1–7.
- Prayoga, K. A. I., Patras, L. S., & Tulung, N. M. (2022). Analisa Perhitungan Andongan Kawat Saluran Pada Jaringan Transmisi 150 KV Jalur Lopana – GIS Teling. 1–11.
- PURNOMO, H. (2016). Analisis Sistem Daya Bagian : Saluran Transmisi Daya Elektrik.
- Rifal, Utomo, S. B., & Haddin, M. (2019). Analisis Perhitungan Rugi-Rugi Daya pada Saluran Transmisi Tegangan Tinggi 150 kV Gardu Induk Tambak Lorok – Bawen dengan menggunakan Etap 12.6.0. Prosiding Konferensi Ilmiah Mahasiswa Unissula (KIMU) 2.

Stevenson, D. (1984). Analisis Sistem Tenaga Listrik.

Syabhana, R. (2019). Analisa Terbentuknya Korona Pada Saluran Kubicle Tegangan 20kv Serta Pengaruhnya Terhadap Rugi-Rugi Daya. LENSANA, 2(48), 14–22.

LAMPIRAN

Lampiran 1 Nilai Kerugian Saluran Transmisi ACSR TERN 795

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	5920,523	28801,998	3271,204	3872,221	41865,946	Rp41.729.463,44	1,20512
28-Apr-24	6076,764	27085,884	1684,413	1946,434	36793,496	Rp36.673.548,84	1,05911
29-Apr-24	6254,680	25006,991	1777,900	2032,408	35071,978	Rp34.957.643,78	1,00956
30-Apr-24	6225,599	23467,320	1683,732	1948,615	33325,267	Rp33.216.626,36	0,95928
01-May-24	5955,279	26675,471	1807,374	2051,349	36489,473	Rp36.370.517,39	1,05036
02-May-24	7747,414	25954,325	11055,898	10993,266	55750,904	Rp55.569.156,01	1,60480
03-May-24	7730,618	25925,421	12605,949	12609,793	58871,781	Rp58.679.859,27	1,69464
04-May-24	7817,986	28641,814	12599,927	12575,450	61635,177	Rp61.434.246,12	1,77418
05-May-24	7793,205	22212,023	13379,663	13324,949	56709,840	Rp56.524.966,24	1,63241
06-May-24	7374,967	20789,352	38439,519	40440,519	107044,357	Rp106.695.392,46	3,08130
07-May-24	6995,176	15929,958	29206,698	31741,598	83873,431	Rp83.600.003,51	2,41432
08-May-24	7198,536	23083,714	38931,653	41752,333	110966,236	Rp110.604.485,69	3,19419
09-May-24	8023,037	28520,970	42222,671	45595,582	124362,260	Rp123.956.838,76	3,57980
10-May-24	7795,277	27853,912	32170,152	35112,301	102931,643	Rp102.596.085,76	2,96291
11-May-24	7800,335	24702,192	37672,092	40444,128	110618,748	Rp110.258.130,52	3,18419
12-May-24	7874,206	24160,991	54124,180	57560,052	143719,428	Rp143.250.902,49	4,13700
13-May-24	7923,088	22702,640	42708,235	45562,470	118896,433	Rp118.508.830,61	3,42246
14-May-24	7667,965	11534,243	25492,457	26332,422	71027,086	Rp70.795.537,27	2,04453
15-May-24	7740,108	15570,647	15173,829	15132,991	53617,576	Rp53.442.782,46	1,54340
16-May-24	7546,682	17376,921	7534,668	7508,438	39966,709	Rp39.836.417,53	1,15045
17-May-24	6264,120	27097,419	978,025	1114,897	35454,461	Rp35.338.879,57	1,02057
18-May-24	5980,703	27080,442	1610,121	1776,062	36447,327	Rp36.328.509,03	1,04915
19-May-24	6058,872	27829,752	1544,969	1707,191	37140,784	Rp37.019.705,10	1,06911
20-May-24	6496,814	27211,887	-29,007	110,172	33789,865	Rp33.679.710,00	0,97265
21-May-24	4495,399	9609,352	2882,055	3066,424	20053,231	Rp19.987.856,98	0,57724
22-May-24	2128,271	8133,822	4744,863	4735,903	19742,858	Rp19.678.496,57	0,56830
23-May-24	2078,102	8339,185	4178,198	4200,976	18796,460	Rp18.735.183,78	0,54106
24-May-24	2064,976	8633,158	4360,653	4353,074	19411,860	Rp19.348.577,59	0,55878
25-May-24	2620,731	19677,524	4112,425	3986,337	30397,018	Rp30.297.923,25	0,87499
26-May-24	3257,618	17599,925	3814,868	3758,546	28430,957	Rp28.338.272,13	0,81839
27-May-24	5935,123	14448,345	374,210	518,740	21276,418	Rp21.207.056,52	0,61245
28-May-24	1762,363	15273,954	5187,697	5046,552	27270,566	Rp27.181.664,07	0,78499
29-May-24	4568,045	23395,853	2401,664	2551,887	32917,449	Rp32.810.137,85	0,94754
30-May-24	5915,367	25319,711	1653,108	1787,994	34676,180	Rp34.563.135,71	0,99816
Total Kerugian						Rp1.873.216.542,65	54,09739

Lampiran 2 Nilai Kerugian AAC Lilac

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	5940,320	28915,926	3280,353	3883,824	42020,423	Rp41.883.436,32	1,20957
28-Apr-24	6096,940	27192,945	1686,850	1949,940	36926,675	Rp36.806.294,00	1,06294
29-Apr-24	6275,583	25105,070	1780,726	2036,273	35197,652	Rp35.082.907,51	1,01317
30-Apr-24	6246,386	23558,708	1686,177	1952,141	33443,413	Rp33.334.387,53	0,96268
01-May-24	5974,964	26780,070	1810,334	2055,304	36620,673	Rp36.501.289,15	1,05414
02-May-24	7774,503	26055,886	11097,255	11034,368	55962,012	Rp55.779.575,44	1,61088
03-May-24	7757,638	26026,867	12652,968	12656,828	59094,301	Rp58.901.653,79	1,70104

04-May-24	7845,360	28754,299	12646,852	12622,275	61868,785	Rp61.667.093,03	1,78091
05-May-24	7820,484	22298,232	13429,741	13374,803	56923,259	Rp56.737.689,60	1,63855
06-May-24	7400,527	20869,849	38591,982	40601,150	107463,508	Rp107.113.176,85	3,09337
07-May-24	7019,169	15992,687	29321,351	31866,597	84199,803	Rp83.925.311,39	2,42371
08-May-24	7223,357	23176,065	39086,059	41918,252	111403,732	Rp111.040.555,61	3,20679
09-May-24	8051,251	28635,506	42390,622	45777,300	124854,679	Rp124.447.652,58	3,59397
10-May-24	7822,552	27963,216	32296,969	35251,127	103333,865	Rp102.996.996,65	2,97449
11-May-24	7827,642	24798,552	37821,293	40604,643	111052,130	Rp110.690.100,32	3,19666
12-May-24	7901,806	24255,295	54340,649	57790,545	144288,294	Rp143.817.914,28	4,15338
13-May-24	7950,904	22790,872	42877,995	45743,880	119363,651	Rp118.974.525,42	3,43591
14-May-24	7694,722	11576,878	25591,875	26435,268	71298,744	Rp71.066.310,12	2,05235
15-May-24	7767,165	15630,326	15231,114	15190,109	53818,715	Rp53.643.265,68	1,54919
16-May-24	7572,950	17443,632	7565,138	7538,801	40120,521	Rp39.989.728,29	1,15488
17-May-24	6285,175	27203,733	979,869	1117,300	35586,076	Rp35.470.064,94	1,02435
18-May-24	6000,609	27186,667	1612,394	1779,011	36578,681	Rp36.459.434,10	1,05293
19-May-24	6079,097	27938,946	1546,969	1709,853	37274,865	Rp37.153.348,56	1,07297
20-May-24	6518,847	27319,694	-27,736	112,011	33922,816	Rp33.812.227,52	0,97648
21-May-24	4509,328	9644,262	2889,461	3074,583	20117,634	Rp20.052.050,57	0,57909
22-May-24	2132,503	8162,950	4759,915	4750,918	19806,285	Rp19.741.716,54	0,57013
23-May-24	2082,118	8368,943	4190,903	4213,774	18855,738	Rp18.794.268,12	0,54277
24-May-24	2068,949	8664,106	4374,120	4366,509	19473,684	Rp19.410.199,55	0,56056
25-May-24	2626,974	19753,530	4124,873	3998,271	30503,647	Rp30.404.205,16	0,87806
26-May-24	3266,465	17667,426	3826,088	3769,537	28529,516	Rp28.436.510,23	0,82123
27-May-24	5954,915	14503,470	375,600	520,720	21354,706	Rp21.285.089,26	0,61470
28-May-24	1765,240	15331,748	5204,489	5062,768	27364,244	Rp27.275.036,83	0,78769
29-May-24	4582,388	23488,604	2407,094	2557,930	33036,016	Rp32.928.318,62	0,95095
30-May-24	5935,176	25420,780	1655,451	1790,888	34802,295	Rp34.688.839,75	1,00179
Total Kerugian						Rp1.880.311.173,32	54,30228

Lampiran 3 Nilai Kerugian Acar 853,7

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	5853,396	28649,709	3210,867	3809,896	41523,868	Rp41.388.500,07	1,19528
28-Apr-24	6007,826	26933,685	1627,858	1889,038	36458,407	Rp36.339.552,31	1,04946
29-Apr-24	6185,132	24867,346	1720,961	1974,649	34748,088	Rp34.634.809,35	1,00023
30-Apr-24	6156,121	23337,415	1627,057	1891,089	33011,682	Rp32.904.063,84	0,95025
01-May-24	5886,684	26533,454	1750,191	1993,379	36163,707	Rp36.045.813,70	1,04098
02-May-24	7671,852	25815,800	10960,708	10898,288	55346,648	Rp55.166.217,47	1,59317
03-May-24	7655,110	25786,950	12513,023	12516,855	58471,939	Rp58.281.320,17	1,68313
04-May-24	7742,221	28494,726	12507,808	12483,413	61228,167	Rp61.028.563,09	1,76247
05-May-24	7717,451	22086,963	13285,264	13230,734	56320,411	Rp56.136.806,77	1,62120
06-May-24	7300,740	20668,014	38259,490	40253,729	106481,973	Rp106.134.841,58	3,06511
07-May-24	6922,411	15801,864	29059,303	31585,657	83369,235	Rp83.097.451,21	2,39981
08-May-24	7125,109	22926,826	38750,788	41561,946	110364,669	Rp110.004.880,59	3,17688
09-May-24	7946,538	28345,854	42029,435	45390,956	123712,784	Rp123.309.479,90	3,56110
10-May-24	7719,652	27709,088	32011,961	34944,186	102384,888	Rp102.051.113,12	2,94718
11-May-24	7724,571	24568,886	37496,207	40258,887	110048,551	Rp109.689.792,76	3,16778
12-May-24	7798,283	24027,798	53891,428	57315,688	143033,197	Rp142.566.909,04	4,11725
13-May-24	7846,811	22575,706	42515,298	45359,894	118297,709	Rp117.912.058,13	3,40523
14-May-24	7592,736	11444,913	25358,328	26195,455	70591,432	Rp70.361.303,79	2,03199
15-May-24	7664,589	15461,458	15074,698	15033,997	53234,742	Rp53.061.197,00	1,53238

16-May-24	7471,803	17265,452	7412,176	7386,037	39535,469	Rp39.406.583,06	1,13804
17-May-24	6193,276	26954,071	898,202	1034,638	35080,187	Rp34.965.825,18	1,00979
18-May-24	5910,714	26937,361	1552,255	1717,665	36117,995	Rp36.000.250,40	1,03967
19-May-24	5988,626	27685,134	1487,387	1649,093	36810,240	Rp36.690.238,62	1,05959
20-May-24	6424,868	27056,668	-145,037	-6,300	33330,199	Rp33.221.542,51	0,95942
21-May-24	4429,365	9524,997	2820,647	3004,430	19779,439	Rp19.714.958,08	0,56936
22-May-24	2070,458	8051,804	4676,883	4667,953	19467,098	Rp19.403.635,69	0,56037
23-May-24	2020,574	8258,807	4112,474	4135,176	18527,031	Rp18.466.632,91	0,53331
24-May-24	2007,378	8551,890	4294,140	4286,586	19139,994	Rp19.077.597,91	0,55095
25-May-24	2561,286	19559,400	4046,771	3921,110	30088,568	Rp29.990.478,93	0,86611
26-May-24	3196,007	17489,055	3750,318	3694,198	28129,578	Rp28.037.875,41	0,80972
27-May-24	5864,477	14342,617	273,878	417,961	20898,933	Rp20.830.802,33	0,60158
28-May-24	1704,182	15173,229	5119,003	4978,326	26974,740	Rp26.886.802,29	0,77647
29-May-24	4500,451	23247,696	2341,984	2491,740	32581,871	Rp32.475.654,19	0,93788
30-May-24	5843,699	25159,863	1596,265	1730,724	34330,550	Rp34.218.632,51	0,98821
Total Kerugian						Rp1.859.502.183,91	53,70132

Lampiran 4 Nilai Kerugian ACCC Copenhagen

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	9794,096	50367,619	5165,102	6225,384	71552,202	Rp71.318.941,71	2,05965
28-Apr-24	10023,477	47395,387	2324,452	2786,364	62529,679	Rp62.325.832,64	1,79993
29-Apr-24	10337,772	43597,069	2491,241	2939,957	59366,040	Rp59.172.506,39	1,70887
30-Apr-24	10287,101	40773,711	2326,116	2793,084	56180,011	Rp55.996.864,60	1,61716
01-May-24	9810,569	46466,120	2546,676	2976,826	61800,190	Rp61.598.721,56	1,77893
02-May-24	12995,768	45168,633	19033,279	18922,735	96120,415	Rp95.807.062,36	2,76685
03-May-24	12966,180	45118,551	21595,160	21601,937	101281,827	Rp100.951.648,54	2,91542
04-May-24	13119,554	49900,241	21566,280	21523,085	106109,160	Rp105.763.243,97	3,05438
05-May-24	13077,487	38543,821	22934,479	22837,921	97393,709	Rp97.076.205,61	2,80350
06-May-24	12336,463	36057,797	67189,850	70721,666	186305,776	Rp185.698.419,20	5,36286
07-May-24	11661,790	28019,841	50860,521	55334,433	145876,585	Rp145.401.027,10	4,19910
08-May-24	12020,219	40755,232	68040,165	73018,635	193834,250	Rp193.202.350,45	5,57957
09-May-24	13482,482	50349,331	73878,131	79831,313	217541,257	Rp216.832.072,76	6,26198
10-May-24	13077,981	48518,721	56109,236	61301,986	179007,923	Rp178.424.357,42	5,15279
11-May-24	13089,752	42935,377	65800,244	70692,830	192518,203	Rp191.890.593,89	5,54169
12-May-24	13218,029	42020,107	94868,636	100933,074	251039,847	Rp250.221.456,96	7,22625
13-May-24	13308,732	39414,832	74690,050	79727,788	207141,402	Rp206.466.120,78	5,96262
14-May-24	12853,988	19702,764	44286,929	45769,489	122613,170	Rp122.213.451,29	3,52945
15-May-24	12982,461	26973,475	26070,635	25998,566	92025,136	Rp91.725.134,28	2,64897
16-May-24	12641,292	30072,631	13728,879	13682,550	70125,352	Rp69.896.743,77	2,01858
17-May-24	10383,904	47208,686	1674,766	1916,017	61183,374	Rp60.983.916,10	1,76118
18-May-24	9885,908	47173,817	2229,628	2522,135	61811,489	Rp61.609.983,08	1,77926
19-May-24	10023,764	48473,194	2112,995	2398,913	63008,866	Rp62.803.457,35	1,81373
20-May-24	10802,051	47678,212	819,369	1064,673	60364,305	Rp60.167.517,18	1,73760
21-May-24	7287,978	16340,192	4458,146	4783,108	32869,423	Rp32.762.268,39	0,94615
22-May-24	3102,851	13797,923	7754,683	7738,868	32394,325	Rp32.288.719,29	0,93248
23-May-24	3011,537	14106,097	6746,189	6786,370	30650,193	Rp30.550.273,46	0,88227
24-May-24	2991,007	14622,572	7072,383	7059,011	31744,971	Rp31.641.482,83	0,91379
25-May-24	3971,692	34107,839	6633,312	6410,753	51123,596	Rp50.956.932,95	1,47161
26-May-24	5096,661	30434,829	6105,337	6005,802	47642,628	Rp47.487.313,52	1,37141
27-May-24	9824,301	24999,980	1133,570	1388,165	37346,015	Rp37.224.267,48	1,07501

28-May-24	2493,758	26275,141	8518,363	8269,349	45556,611	Rp45.408.096,53	1,31136
29-May-24	7446,788	41078,358	3607,128	3871,763	56004,036	Rp55.821.463,11	1,61209
30-May-24	9814,847	44595,107	2278,254	2515,986	59204,193	Rp59.011.187,79	1,70421
Total Kerugian						Rp3.230.699.634,33	93,30070

Lampiran 5 Nilai Kerugian ACCC Brussles

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	5559,248	26816,741	3092,436	3651,226	39119,651	Rp38.992.121,23	1,12607
28-Apr-24	5708,374	25216,581	1620,532	1864,153	34409,640	Rp34.297.465,00	0,99049
29-Apr-24	5873,756	23294,484	1707,288	1943,924	32819,453	Rp32.712.461,39	0,94472
30-Apr-24	5846,666	21871,787	1619,661	1865,944	31204,058	Rp31.102.332,67	0,89822
01-May-24	5595,306	24851,956	1734,406	1961,247	34142,913	Rp34.031.607,45	0,98281
02-May-24	7259,608	24183,539	10319,115	10260,885	52023,146	Rp51.853.551,02	1,49750
03-May-24	7243,987	24156,593	11774,561	11778,136	54953,277	Rp54.774.129,66	1,58184
04-May-24	7325,282	26683,104	11770,468	11747,711	57526,565	Rp57.339.028,47	1,65592
05-May-24	7302,104	20705,911	12496,053	12445,184	52949,253	Rp52.776.638,74	1,52416
06-May-24	6913,507	19381,177	35792,450	37652,808	99739,942	Rp99.414.790,15	2,87104
07-May-24	6560,778	14818,816	27211,292	29568,031	78158,918	Rp77.904.119,76	2,24982
08-May-24	6749,881	21460,694	36251,451	38873,880	103335,905	Rp102.999.029,70	2,97455
09-May-24	7515,832	26515,985	39308,734	42444,579	115785,130	Rp115.407.670,39	3,33291
10-May-24	7304,293	25949,832	29964,961	32700,325	95919,411	Rp95.606.713,46	2,76107
11-May-24	7308,760	23021,342	35081,800	37659,005	103070,907	Rp102.734.895,84	2,96692
12-May-24	7377,611	22514,875	50375,034	53569,411	133836,930	Rp133.400.621,72	3,85253
13-May-24	7422,690	21161,625	39763,896	42417,520	110765,730	Rp110.404.633,67	3,18842
14-May-24	7185,872	10778,330	23759,656	24540,584	66264,443	Rp66.048.420,56	1,90744
15-May-24	7252,849	14518,845	14166,621	14128,652	50066,967	Rp49.903.748,94	1,44119
16-May-24	7073,004	16205,513	6970,225	6945,839	37194,582	Rp37.073.327,17	1,07066
17-May-24	5880,096	25244,426	914,449	1041,711	33080,682	Rp32.972.839,03	0,95224
18-May-24	5616,421	25229,048	1548,464	1702,753	34096,687	Rp33.985.531,88	0,98148
19-May-24	5689,104	25927,607	1488,037	1638,869	34743,616	Rp34.630.352,20	1,00010
20-May-24	6095,814	25328,730	-98,006	31,402	31357,940	Rp31.255.713,58	0,90265
21-May-24	4233,622	8985,890	2732,294	2903,719	18855,526	Rp18.794.057,15	0,54276
22-May-24	2033,571	7608,913	4463,328	4454,998	18560,811	Rp18.500.302,51	0,53428
23-May-24	1987,161	7804,327	3937,202	3958,380	17687,071	Rp17.629.410,71	0,50913
24-May-24	1974,741	8077,834	4106,482	4099,435	18258,492	Rp18.198.968,93	0,52558
25-May-24	2491,426	18346,478	3875,807	3758,582	28472,292	Rp28.379.472,75	0,81958
26-May-24	3083,445	16415,436	3599,421	3547,062	26645,365	Rp26.558.500,77	0,76699
27-May-24	5572,491	13474,832	309,742	444,129	19801,194	Rp19.736.642,11	0,56998
28-May-24	1690,379	14257,500	4876,504	4745,276	25569,659	Rp25.486.302,25	0,73603
29-May-24	4298,637	21769,723	2285,965	2425,645	30779,970	Rp30.679.627,18	0,88601
30-May-24	5552,019	23548,336	1590,684	1716,101	32407,140	Rp32.301.492,66	0,93285
Total Kerugian						Rp1.747.886.520,70	50,47793

Lampiran 6 Nilai Kerugian AAC Arbutus

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	5940,320	28915,926	3280,353	3883,824	42020,423	Rp41.883.436,32	1,20957
28-Apr-24	6096,940	27192,945	1686,850	1949,940	36926,675	Rp36.806.294,00	1,06294
29-Apr-24	6275,583	25105,070	1780,726	2036,273	35197,652	Rp35.082.907,51	1,01317
30-Apr-24	6246,386	23558,708	1686,177	1952,141	33443,413	Rp33.334.387,53	0,96268
01-May-24	5974,964	26780,070	1810,334	2055,304	36620,673	Rp36.501.289,15	1,05414

02-May-24	7774,503	26055,886	11097,255	11034,368	55962,012	Rp55.779.575,44	1,61088
03-May-24	7757,638	26026,867	12652,968	12656,828	59094,301	Rp58.901.653,79	1,70104
04-May-24	7845,360	28754,299	12646,852	12622,275	61868,785	Rp61.667.093,03	1,78091
05-May-24	7820,484	22298,232	13429,741	13374,803	56923,259	Rp56.737.689,60	1,63855
06-May-24	7400,527	20869,849	38591,982	40601,150	107463,508	Rp107.113.176,85	3,09337
07-May-24	7019,169	15992,687	29321,351	31866,597	84199,803	Rp83.925.311,39	2,42371
08-May-24	7223,357	23176,065	39086,059	41918,252	111403,732	Rp111.040.555,61	3,20679
09-May-24	8051,251	28635,506	42390,622	45777,300	124854,679	Rp124.447.652,58	3,59397
10-May-24	7822,552	27963,216	32296,969	35251,127	103333,865	Rp102.996.996,65	2,97449
11-May-24	7827,642	24798,552	37821,293	40604,643	111052,130	Rp110.690.100,32	3,19666
12-May-24	7901,806	24255,295	54340,649	57790,545	144288,294	Rp143.817.914,28	4,15338
13-May-24	7950,904	22790,872	42877,995	45743,880	119363,651	Rp118.974.525,42	3,43591
14-May-24	7694,722	11576,878	25591,875	26435,268	71298,744	Rp71.066.310,12	2,05235
15-May-24	7767,165	15630,326	15231,114	15190,109	53818,715	Rp53.643.265,68	1,54919
16-May-24	7572,950	17443,632	7565,138	7538,801	40120,521	Rp39.989.728,29	1,15488
17-May-24	6285,175	27203,733	979,869	1117,300	35586,076	Rp35.470.064,94	1,02435
18-May-24	6000,609	27186,667	1612,394	1779,011	36578,681	Rp36.459.434,10	1,05293
19-May-24	6079,097	27938,946	1546,969	1709,853	37274,865	Rp37.153.348,56	1,07297
20-May-24	6518,847	27319,694	-27,736	112,011	33922,816	Rp33.812.227,52	0,97648
21-May-24	4509,328	9644,262	2889,461	3074,583	20117,634	Rp20.052.050,57	0,57909
22-May-24	2132,503	8162,950	4759,915	4750,918	19806,285	Rp19.741.716,54	0,57013
23-May-24	2082,118	8368,943	4190,903	4213,774	18855,738	Rp18.794.268,12	0,54277
24-May-24	2068,949	8664,106	4374,120	4366,509	19473,684	Rp19.410.199,55	0,56056
25-May-24	2626,974	19753,530	4124,873	3998,271	30503,647	Rp30.404.205,16	0,87806
26-May-24	3266,465	17667,426	3826,088	3769,537	28529,516	Rp28.436.510,23	0,82123
27-May-24	5954,915	14503,470	375,600	520,720	21354,706	Rp21.285.089,26	0,61470
28-May-24	1765,240	15331,748	5204,489	5062,768	27364,244	Rp27.275.036,83	0,78769
29-May-24	4582,388	23488,604	2407,094	2557,930	33036,016	Rp32.928.318,62	0,95095
30-May-24	5935,176	25420,780	1655,451	1790,888	34802,295	Rp34.688.839,75	1,00179
Total Kerugian						Rp1.880.311.173,32	54,30228

Lampiran 7 Nilai Kerugian AAAC 800

Tanggal	Line 1	Line 2	Line 3	Line 4	Total Line	Kerugian (Rp)	MT Nickel
27-Apr-24	6786,625	33802,507	3669,461	4378,241	48636,833	Rp48.478.276,73	1,40002
28-Apr-24	6959,410	31784,338	1787,682	2096,685	42628,115	Rp42.489.147,48	1,22706
29-Apr-24	7169,287	29311,289	1898,266	2198,409	40577,251	Rp40.444.969,65	1,16803
30-Apr-24	7135,099	27478,003	1787,357	2099,735	38500,194	Rp38.374.683,85	1,10824
01-May-24	6816,383	31266,383	1933,601	2221,322	42237,688	Rp42.099.993,20	1,21582
02-May-24	8933,653	30411,840	12868,367	12794,506	65008,365	Rp64.796.438,08	1,87128
03-May-24	8913,855	30377,896	14667,644	14672,178	68631,573	Rp68.407.833,70	1,97558
04-May-24	9016,757	33579,253	14657,530	14628,664	71882,204	Rp71.647.868,30	2,06915
05-May-24	8987,807	25995,235	15575,776	15511,251	66070,070	Rp65.854.681,43	1,90184
06-May-24	8494,079	24321,590	45133,084	47492,853	125441,606	Rp125.032.666,82	3,61087
07-May-24	8045,443	18680,090	34239,434	37228,829	98193,796	Rp97.873.683,90	2,82653
08-May-24	8285,197	27134,748	45710,613	49037,026	130167,583	Rp129.743.237,15	3,74691
09-May-24	9258,754	33546,522	49596,554	53574,210	145976,039	Rp145.500.157,19	4,20196
10-May-24	8989,727	32651,575	37737,210	41206,872	120585,384	Rp120.192.275,57	3,47108
11-May-24	8996,163	28931,326	44222,459	47491,507	129641,455	Rp129.218.824,20	3,73176
12-May-24	9082,935	28299,713	63629,356	67681,260	168693,264	Rp168.143.324,29	4,85588
13-May-24	9141,319	26574,662	50161,713	53527,698	139405,392	Rp138.950.930,18	4,01282

14-May-24	8839,696	13403,378	29856,055	30846,621	82945,749	Rp82.675.346,14	2,38762
15-May-24	8924,969	18188,031	17686,634	17638,474	62438,109	Rp62.234.560,66	1,79730
16-May-24	8696,884	20303,434	8866,241	8835,308	46701,869	Rp46.549.620,41	1,34433
17-May-24	7185,306	31763,628	1053,508	1214,922	41217,364	Rp41.082.995,25	1,18645
18-May-24	6851,419	31742,791	1706,070	1901,766	42202,045	Rp42.064.466,80	1,21480
19-May-24	6943,593	32622,610	1628,934	1820,244	43015,381	Rp42.875.150,38	1,23821
20-May-24	7460,971	31942,950	18,613	182,750	39605,283	Rp39.476.169,98	1,14005
21-May-24	5103,510	11139,004	3203,550	3420,979	22867,042	Rp22.792.495,61	0,65823
22-May-24	2310,411	9409,285	5402,215	5391,649	22513,561	Rp22.440.166,39	0,64806
23-May-24	2250,774	9642,485	4732,497	4759,359	21385,114	Rp21.315.398,23	0,61558
24-May-24	2235,729	9988,772	4948,381	4939,443	22112,325	Rp22.040.239,05	0,63651
25-May-24	2891,182	23012,442	4655,397	4506,703	35065,723	Rp34.951.408,52	1,00938
26-May-24	3642,508	20561,231	4303,936	4237,518	32745,193	Rp32.638.443,58	0,94258
27-May-24	6800,777	16865,669	428,232	598,679	24693,356	Rp24.612.856,07	0,71080
28-May-24	1884,866	17809,019	5921,530	5755,078	31370,494	Rp31.268.225,81	0,90301
29-May-24	5194,239	27465,123	2636,378	2813,539	38109,278	Rp37.985.041,60	1,09699
30-May-24	6781,701	29754,023	1752,245	1911,318	40199,287	Rp40.068.237,10	1,15715
Total Kerugian						Rp1.880.311.173,32	54,30228