

**Lampiran 1 Laporan Keuangan dan Harga Saham Perusahaan-Perusahaan  
Pertambangan Subsektor Batubara yang terdaftar di BEI**

**LAPORAN KEUANGAN DAN HARGA SAHAM  
PERUSAHAAN-PERUSAHAAN PERTAMBANGAN  
SUBSEKTOR BATUBARA YANG TERDAFTAR DI BEI**

PT ADARO ENERGY TBK							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		1592715	1979162	1600294	2109924	1731619
2	CURRENT LIABILITIES		644555	773302	816443	1232601	1144923
3	NET SALES		2524239	3258333	3619751	3457154	2534842
4	TOTAL ASSET		6522257	6814147	7060755	7217105	6381566
5	TOTAL LIABILITIES		2736375	2722520	2758063	3233710	2429852
6	TOTAL EQUITIES		3785882	4091627	4302692	3983395	3951714
7	NET PROFIT		340686	536438	477541	435002	158505
8	EPS		0.0202	0.02917	0.02521	0.0244	0.00887
9	Harga Saham	515	1695	1860	1215	1555	1430
PT DARMA HENWA TBK							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		129048673	117660431	108985511	199332102	220662767
2	CURRENT LIABILITIES		115871191	140872328	137066835	197038944	197845919
3	NET SALES		259095490	242790874	276097099	344647459	303195141
4	TOTAL ASSET		381339706	401800150	415098432	549518597	550639564
5	TOTAL LIABILITIES		156210035	174247616	184294296	315255563	281239286
6	TOTAL EQUITIES		225129671	227552534	230804136	234263034	269400278
7	NET PROFIT		549890	2769140	2565336	3773979	1647892
8	EPS		0.024	0.13	0.12	0.17	0.08
9	Harga Saham	50	50	50	50	50	50
PT DELTA DUNIA MAKMUR Tbk							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		299288034	347013523	441719196	471509645	367620154
2	CURRENT LIABILITIES		219305122	218393751	278812380	257349435	220348158
3	NET SALES		611231812	764608154	892458605	881812079	601691969
4	TOTAL ASSET		882275704	945581412	1184094711	1181911191	974449753
5	TOTAL LIABILITIES		755806919	768413436	922583702	901340212	710718334
6	TOTAL EQUITIES		126468785	177167976	261511009	280570979	263731419
7	NET PROFIT		37089185	46747301	75643300	20480591	23436370
8	EPS		0.00889	0.01101	0.01764	0.00475	0.00542
9	Harga Saham	54	510	715	525	280	352

PT GOLDEN ENERGY Tbk							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		203411699	414782753	327576563	367763825	407856734
2	CURRENT LIABILITIES		53894292	246554242	248222303	277997670	330623136
3	NET SALES		384339836	759448383	1045058516	1107464101	1.061E+09
4	TOTAL ASSET		377670000	590469384	701046630	780646167	813717765
5	TOTAL LIABILITIES		112751314	298251273	385233714	422379157	464283221
6	TOTAL EQUITIES		264918686	292218111	315812916	358267010	349434544
7	NET PROFIT		48916736	120106040	100548578	66765857	95856553
8	EPS		0.00586	0.02001	0.01679	0.01112	0.01597
9	Harga Saham	1400	2700	2750	2550	2550	2550
PT HARUM ENERGY Tbk							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		268174019	314799790	310761349	288389905	249455822
2	CURRENT LIABILITIES		52932232	55354920	68153325	31270572	24761588
3	NET SALES		217121593	325599861	336707790	262590669	157819047
4	TOTAL ASSET		413365853	459443071	467989195	447001954	498702216
5	TOTAL LIABILITIES		57935532	63582349	79502404	47418441	43905598
6	TOTAL EQUITIES		355430321	395860722	388486791	399583513	454796618
7	NET PROFIT		17979743	40205422	55748001	20122589	60292315
8	EPS		0.00502	0.01739	0.01239	0.00721	0.02328
9	Harga Saham	675	2140	2050	1400	1320	2980
PT PETROSEA Tbk							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		147736	178316	250174	222064	222014
2	CURRENT LIABILITIES		68442	103665	147864	146671	135578
3	NET SALES		209370	313476	465742	476441	340688
4	TOTAL ASSET		393425	454201	555591	551044	529688
5	TOTAL LIABILITIES		222976	265373	364459	338481	298248
6	TOTAL EQUITIES		170449	188828	191132	212563	231440
7	NET PROFIT		-7825	11887	23166	31324	32498
8	EPS		-0.0079	0.0115	0.0228	0.0309	0.0323
9	Harga Saham	290	720	1660	1785	1605	1930
RESOURCE ALAM INDONESIA							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		39530587	40211048	29163504	39197070	33085205
2	CURRENT LIABILITIES		9758434	11357496	19728859	18033350	10844104
3	NET SALES		92636624	83764246	56942510	114851737	72221596
4	TOTAL ASSET		98708750	105053598	117265221	126354537	108688283
5	TOTAL LIABILITIES		14299044	16433699	30558484	32971463	24437727
6	TOTAL EQUITIES		84409706	88619899	86706737	93383074	84250556
7	NET PROFIT		9472864	13439975	475600	5414352	-8668015
8	EPS		0.01	0.003	0.0001	0.0012	-0.0016
9	Harga Saham	84	300	324	354	236	266
SAMINDO							
NO	KETERANGAN	2015	2016	2017	2018	2019	2020
1	CURRENT ASSET		84058269	85963275	102654561	113903995	115743411
2	CURRENT LIABILITIES		19555540	30214626	29539108	34675727	18348172
3	NET SALES		190106455	188070083	241114622	254454591	173471808
4	TOTAL ASSET		147254262	136067975	151326098	160181748	151108859
5	TOTAL LIABILITIES		39773001	33526632	37338363	37882793	22061137
6	TOTAL EQUITIES		107481261	102541343	113987735	122298955	129047722
7	NET PROFIT		21258853	12306356	30928664	26098429	22533662
8	EPS		0.0096	0.0056	0.014	0.014	0.0102
9	Harga Saham	52	630	700	1045	1295	1300

**Lampiran 2 Perhitungan Rasio Keuangan Perusahaan-Perusahaan Pertambangan subsektor yang terdaftar di BEI**

**PERHITUNGAN RASIO KEUANGAN PERUSAHAAN-  
PERUSAHAAN PERTAMBANGAN SUBSEKTOR BATUBARA  
YANG TERDAFTAR DI BEI**

Perusahaan	Tahun	CR	DER	TATO	ROE	PER	RETURN
PT Adaro Energy Tbk	2016	2.47	0.553	0.387	0.090	1.59	2.341
PT Adaro Energy Tbk	2017	2.56	0.476	0.478	0.131	1.11	0.122
PT Adaro Energy Tbk	2018	1.96	0.451	0.513	0.111	8.14	-0.329
PT Adaro Energy Tbk	2019	1.71	0.502	0.479	0.109	1.14	0.326
PT Adaro Energy Tbk	2020	1.51	0.325	0.397	0.040	2.89	-0.052
PT Darma Henwa Tbk	2016	1.11	0.179	0.679	0.002	1.99	0
PT Darma Henwa Tbk	2017	0.84	0.147	0.604	0.012	3.24	0
PT Darma Henwa Tbk	2018	0.80	0.205	0.665	0.011	4.91	0
PT Darma Henwa Tbk	2019	1.01	0.505	0.627	0.016	2.9	0
PT Darma Henwa Tbk	2020	1.12	0.310	0.551	0.006	6.49	0
PT Delta Dunia Makmur Tbk	2016	1.36	5.976	0.693	0.293	1.3	8.444
PT Delta Dunia Makmur Tbk	2017	1.59	3.105	0.809	0.264	1.4	0.402
PT Delta Dunia Makmur Tbk	2018	1.58	2.462	0.754	0.289	6.15	-0.266
PT Delta Dunia Makmur Tbk	2019	1.83	2.295	0.746	0.073	1.7	-0.467
PT Delta Dunia Makmur Tbk	2020	1.67	1.859	0.617	-0.089	-1.4	0.257
PT Golden Energy Mines Tbk	2016	3.77	0.222	1.018	0.132	4.9	0.929
PT Golden Energy Mines Tbk	2017	1.68	0.177	1.286	0.411	1.9	0.070

PT Golden Energy Mines Tbk	2018	1.32	0.434	1.491	0.318	1.6	-0.055
PT Golden Energy Mines Tbk	2019	1.32	0.403	1.419	0.186	2.7	0.015
PT Golden Energy Mines Tbk	2020	1.23	0.383	1.304	0.274	1	0
PT Harum Energy Tbk	2016	5.07	0.014	0.525	0.051	3.5	2.170
PT Harum Energy Tbk	2017	5.69	0.021	0.709	0.141	9.19	-0.042
PT Harum Energy Tbk	2018	4.56	0.029	0.719	0.119	9.22	-0.196
PT Harum Energy Tbk	2019	9.22	0.040	0.587	0.050	1.9	-0.029
PT Harum Energy Tbk	2020	10.07	0.042	0.316	0.133	1.8	1.258
PT Petrosea Resource Tbk	2016	2.16	0.907	0.532	-0.046	-9	1.483
PT Petrosea Resource Tbk	2017	1.72	0.856	0.69	0.063	1.41	1.306
PT Petrosea Resource Tbk	2018	1.69	1.133	0.838	0.121	7	0.113
PT Petrosea Resource Tbk	2019	1.51	0.902	0.865	0.147	5	-0.032
PT Petrosea Resource Tbk	2020	1.64	0.703	0.643	0.140	5	0.270
PT Resource Alam Indonesia Tbk	2016	4.05	0.054	0.938	0.112	3.41	2.810
PT Resource Alam Indonesia Tbk	2017	3.54	0.057	0.797	0.152	1.9	0.130
PT Resource Alam Indonesia Tbk	2018	1.48	0.125	0.486	0.006	3	0.099
PT Resource Alam Indonesia Tbk	2019	2.17	0.160	0.909	0.058	2.3	-0.323
PT Resource Alam Indonesia Tbk	2020	3.05	0.161	0.664	-0.103	-1.7	0.212
PT Samindo Tbk	2016	4.30	0.188	1.291	0.198	0	0.200
PT Samindo Tbk	2017	2.85	0.032	1.382	0.120	6.44	0.111

PT Samindo Tbk	2018	3.48	0.068	1.593	0.271	1.64	0.493
PT Samindo Tbk	2019	3.28	0.026	1.589	0.213	7.62	0.356
PT Samindo Tbk	2020	6.31	0.029	1.148	0.175	1.88	0.078

**Lampiran 3 Hausman test**

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

	Chi-Sq.		
Test Summary	Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	32.490	5	0.000

\*\* WARNING: estimated cross-section random effects variance is zero.

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
CR	0.084	0.170	0.019	0.534
DER	2.250	0.882	0.063	0.000
TATO	-0.625	-0.153	1.661	0.713
ROE	-1.431	0.406	1.821	0.173
PER	-0.041	-0.051	0.000	0.730

### Lampiran 4 Lagrange Multiplier

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided

(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	0.578 (0.446)	10.804 (0.001)	11.383 (0.000)
Honda	-0.760 --	3.287 (0.000)	1.786 (0.037)
King-Wu	-0.760 --	3.287 (0.000)	2.163 (0.015)
Standardized Honda	0.110 (0.456)	3.801 (0.000)	-0.258 --
Standardized King- Wu	0.110 (0.456)	3.801 (0.000)	0.219 (0.413)
Gourierioux, et al.*	--	--	10.804 ( $< 0.01$ )

\*Mixed chi-square asymptotic critical values:

1%	7.289
5%	4.321
10%	2.952

Lagrange Multiplier Tests for Random Effects

### Lampiran 5 Uji Heterokedastisitas

Dependent Variable: RESABS

Method: Panel Least Squares

Date: 09/29/22 Time: 17:39

Sample: 2016 2020

Periods included: 5

Cross-sections included: 8

Total panel (balanced) observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.347088	0.760979	-0.456107	0.6520
CR	0.073440	0.088727	0.827712	0.4151
DER	0.160637	0.168879	0.951195	0.3499
TATO	0.847555	0.800325	1.059014	0.2990
ROE	-1.061075	1.304893	-0.813151	0.4232
PER	0.004691	0.030249	0.155079	0.8779

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.324	Mean dependent var	0.541
Adjusted R-squared	0.024	S.D. dependent var	0.504
S.E. of regression	0.498	Akaike info criterion	1.700
Sum squared resid	6.698	Schwarz criterion	2.249
Log likelihood	-21.016	Hannan-Quinn criter.	1.899
F-statistic	1.082	Durbin-Watson stat	2.500
Prob(F-statistic)	0.411		



### Lampiran 6 Uji autokorelasi

Dependent Variable: RESABS

Method: Panel Least Squares

Date: 09/29/22 Time: 17:39

Sample: 2016 2020

Periods included: 5

Cross-sections included: 8

Total panel (balanced) observations: 40

			t-Statistic	Prob.
CR	0.073	0.088	0.755	0.456
DER	0.160	0.168	-0.252	0.802
TATO	0.847	0.800	8.521	0.000
ROE	-1.061	1.304	-1.494	0.146
PER	0.004	0.030	-0.852	0.401
			-0.998	0.327

Adjusted R-squared 0.024691

S.D.

dependent

var

Log likelihood

-21.016

Hannan-Quinn criter.

0.595

F-statistic	1.082	Durbin-Watson stat	1.538
Prob(F-statistic)	0.411		19.758
			1.807

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Date: 09/29/22

Time: 17:39

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Cross-sections

included: 8 0.555

Total panel

(balanced)

observations: 40 1.520

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## Lampiran 7 Tabel Durbin Watson

14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029
36	1.4107	1.5245	1.3537	1.5872	1.2953	1.6539	1.2358	1.7245	1.1755	1.7987
37	1.4190	1.5297	1.3635	1.5904	1.3068	1.6550	1.2489	1.7233	1.1901	1.7950
38	1.4270	1.5348	1.3730	1.5937	1.3177	1.6563	1.2614	1.7223	1.2042	1.7916
39	1.4347	1.5396	1.3821	1.5969	1.3283	1.6575	1.2734	1.7215	1.2176	1.7886
40	1.4421	1.5444	1.3908	1.6000	1.3384	1.6589	1.2848	1.7209	1.2305	1.7859

**Lampiran 8 Daftar Riwayat Hidup Peneliti****DAFTAR RIWAYAT HIDUP PENELITI****Data Pribadi**

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**Pendidikan Formal**

SDN 03 Pagi, Jakarta : Lulus Tahun 2012  
SMPN 52, Jakarta : Lulus Tahun 2015  
SMAN 50, Jakarta : Lulus Tahun 2018  
STEI, Jakarta : 2018 sampai sekarang

**Pengalaman Organisasi**

2016-2018 : Wakil Ketua Ekstrakurikuler Voli SMAN 50 Jakarta.