

LAMPIRAN

Lampiran 1. Daftar Perusahaan yang Memenuhi Kriteria Sampel

No	Kode	Nama Perusahaan
1	AKRA	PT AKR Corporindo Tbk
2	BUMI	PT Bumi Resources Tbk
3	BYAN	PT Bayan Resources Tbk
4	DOID	PT BUMA Internasional Grup Tbk
5	ELSA	PT Elnusa Tbk
6	DSSA	PT Dian Swastatika Makmur Tbk
7	ENRG	PT Energi Mega Persada Tbk
8	INDY	PT Indika Energy Tbk
9	ADRO	PT Alamtri Resources Indonesia Tbk
10	MBSS	PT Mitrabahtera Energi Internasional Tbk
11	PTBA	PT Bukit Asam Tbk
12	DEWA	PT Darma Henwa Tbk
13	PTRO	PT Petrosea Tbk
14	SOCI	PT Soechi Lines Tbk
15	TOBA	PT TBS Energi Utama Tbk
16	WINS	PT Wintermar Offshore Marine Tbk
17	PSSI	PT IMC Pelita Logistik Tbk
18	MCOL	PT Prima Andalan Mandiri Tbk
19	RMKE	PT RMK Energy Tbk
20	BBRM	PT Pelayaran Nasional Bina Buana Tbk
21	BSSR	PT Baramulti Sukessarana Tbk
22	SGER	PT Sumber Global Energy Tbk
23	LEAD	PT Logindo Samudramakmur Tbk
24	TCPI	PT Transcoal Pasific Tbk
25	RIGS	PT Rig Tenders Indonesia Tbk
26	FIRE	PT Alfa Energi Investama Tbk
27	BESS	PT Batulicin Nusantara Maritim Tbk
28	SEMA	PT Semacom Integrated Tbk

Lampiran 2. Data yang Digunakan Untuk Analisis Penelitian

Tahun	Kode Perusahaan	Dewan direksi wanita (X1)	Dewan komisaris independen (X2)	Pengungkapan Emisi Karbon (Y)					Paparan Media (Z)	Ukuran Perusahaan	Ln Ukuran Perusahaan (=LN)
				Menyebutkan Protokol Kyoto, Pemanasan Global (1)	Mempunyai rencana untuk mengatasi pemanasan global (2)	Informasi mengenai biaya saat ini dalam mengurangi emisi gas rumah kaca (3)	Informasi tentang jumlah emisi gas karbon (3)	Total Skor			
2021	AKRA	0,43	0,33	0	2	0	3	5	1	23.508.585.736	23,88063
2022	AKRA	0,43	0,33	0	2	0	3	5	0	27.187.608.036	24,02603
2023	AKRA	0,43	0,33	0	2	0	3	5	0	30.296.571.806	24,1343
2024	AKRA	0,43	0,33	0	2	0	3	5	0	33.108.684.368	24,22306
2021	BUMI	0,09	0,38	1	2	0	3	6	1	4.223.787.285	22,164
2022	BUMI	0,10	0,50	1	2	0	3	6	1	4.488.046.968	22,22468
2023	BUMI	0,07	0,63	1	2	0	3	6	1	4.202.694.216	22,15899
2024	BUMI	0,08	0,50	0	2	0	3	5	2	4.163.401.077	22,1496
2021	BYAN	0,29	0,50	0	2	0	3	5	0	2.433.712.191	21,61268
2022	BYAN	0,22	0,50	0	2	0	3	5	1	3.945.458.865	22,09583
2023	BYAN	0,33	0,50	1	2	0	3	6	0	3.444.319.816	21,95999
2024	BYAN	0,36	0,50	1	2	0	3	6	2	3.521.455.934	21,98214
2021	DOID	0,67	0,60	0	2	0	3	5	0	1.635.958.307	21,21549
2022	DOID	0,67	0,75	0	2	3	3	8	0	1.571.087.407	21,17503
2023	DOID	0,50	0,75	1	2	3	3	9	0	1.874.599.404	21,35166
2024	DOID	0,33	0,50	1	2	0	3	6	0	1.587.043.414	21,18514
2021	ELSA	0,40	0,50	0	0	0	3	3	1	7.234.857	15,79442

2022	ELSA	0,40	0,50	1	2	0	3	6	1	8.836.089	15,99435
2023	ELSA	0,20	0,50	1	2	0	3	6	1	9.601.482	16,07743
2024	ELSA	0,20	0,50	1	2	0	3	6	1	10.628.300	16,17903
2021	DSSA	0,17	0,60	1	2	0	3	6	0	3.010.072.696	21,82523
2022	DSSA	0,17	0,80	1	2	0	3	6	0	6.431.179.918	22,58442
2023	DSSA	0,17	0,80	1	2	0	3	6	1	3.063.273.017	21,84275
2024	DSSA	0,14	0,80	1	2	0	3	6	0	3.695.071.259	22,03027
2021	ENRG	0,33	0,40	1	2	0	3	6	0	1.064.042.572	20,78534
2022	ENRG	0,33	0,20	1	2	0	3	6	0	1.194.330.409	20,90085
2023	ENRG	0,17	0,33	1	2	0	3	6	0	1.368.757.121	21,03717
2024	ENRG	0,33	0,33	1	2	0	3	6	0	1.583.258.786	21,18275
2021	INDY	0,20	0,40	1	0	0	3	4	1	3.691.477.101	22,02929
2022	INDY	0,20	0,40	1	0	0	3	4	0	3.593.872.042	22,0025
2023	INDY	0,20	0,40	1	0	0	3	4	1	3.113.102.390	21,85889
2024	INDY	0,25	0,40	1	0	0	3	4	0	2.962.763.809	21,80939
2021	ADRO	0,17	0,40	0	2	0	0	2	0	7.586.936	15,84194
2022	ADRO	0,17	0,40	0	2	0	3	5	0	10.782.307	16,19342
2023	ADRO	0,17	0,40	0	2	0	3	5	1	10.472.711	16,16428
2024	ADRO	0,25	0,50	0	2	0	3	5	2	6.702.127	15,71794
2021	MBSS	0,50	0,50	0	0	0	3	3	0	177.639.085	18,99526
2022	MBSS	0,67	0,33	0	2	0	3	5	0	210.993.872	19,16734
2023	MBSS	0,67	0,33	1	2	0	3	6	0	3.808.801.999.176	28,96834
2024	MBSS	0,33	0,33	0	0	0	3	3	0	3.994.058.624.702	29,01583
2021	PTBA	0,20	0,33	1	2	0	3	6	1	36.123.703	17,40246
2022	PTBA	0,20	0,33	1	2	0	3	6	1	45.359.207	17,63012
2023	PTBA	0,20	0,50	1	2	0	3	6	1	38.765.189	17,47303

2024	PTBA	0,20	0,60	1	2	0	3	6	1	41.854.334	17,54971
2021	DEWA	0,33	0,50	0	2	0	3	5	0	563.496.598	20,14967
2022	DEWA	0,25	0,50	0	2	0	3	5	0	547.971.275	20,12173
2023	DEWA	0,33	0,50	0	2	0	3	5	0	8.137.619.055	22,81976
2024	DEWA	0,20	0,60	0	2	0	3	5	0	8.806.355.222	22,89874
2021	PTRO	0,33	0,50	0	2	0	3	5	0	532.736	13,18578
2022	PTRO	0,20	0,50	0	2	0	3	5	1	59.642	10,99612
2023	PTRO	0,20	0,33	0	2	0	3	5	0	727.945	13,49798
2024	PTRO	0,20	0,33	0	2	0	3	5	0	867.265	13,6731
2021	SOCI	0,33	0,50	0	2	0	3	5	0	629.210.009	20,25998
2022	SOCI	0,33	0,50	1	2	0	3	6	0	633.959.947	20,2675
2023	SOCI	0,33	0,50	1	2	0	3	6	0	604.303.565	20,21959
2024	SOCI	0,33	0,50	0	2	0	3	5	0	602.681.935	20,2169
2021	TOBA	0,25	0,75	0	2	0	3	5	1	858.101.884	20,57023
2022	TOBA	0,20	0,50	0	2	0	3	5	1	899.329.557	20,61716
2023	TOBA	0,17	0,75	1	0	0	3	4	0	947.837.728	20,66969
2024	TOBA	0,17	0,75	1	0	0	3	4	1	893.736.128	20,61092
2021	WINS	0,20	0,67	0	2	3	3	8	0	196.081.516	19,09404
2022	WINS	0,25	0,67	1	2	3	3	9	0	189.445.736	19,05961
2023	WINS	0,25	0,67	0	2	3	3	8	0	194.795.420	19,08746
2024	WINS	0,25	0,67	0	2	3	3	8	0	232.544.068	19,26459
2021	PSSI	0,33	0,40	0	2	0	0	2	0	161.236.150	18,89838
2022	PSSI	0,33	0,33	0	2	0	3	5	0	179.354.447	19,00487
2023	PSSI	0,33	0,33	0	2	3	3	8	0	203.871.968	19,133
2024	PSSI	0,33	0,50	1	2	3	3	9	0	189.560.738	19,06022
2021	MCOL	0,25	0,33	0	0	0	3	3	0	576.551.349	20,17257

2022	MCOL	0,25	0,33	0	2	0	3	5	0	734.626.993	20,41487
2023	MCOL	0,25	0,33	1	2	0	3	6	1	744.875.988	20,42873
2024	MCOL	0,25	0,33	1	2	0	3	6	0	759.216.464	20,4478
2021	RMKE	0,33	0,50	0	2	0	0	2	0	1.400.383.315.761	27,96777
2022	RMKE	0,33	0,50	0	2	0	0	2	0	1.676.835.378.416	28,14793
2023	RMKE	0,33	0,67	0	2	0	3	5	0	2.247.694.981.530	28,44093
2024	RMKE	0,25	0,67	0	2	0	3	5	0	2.369.161.891.844	28,49356
2021	BBRM	0,33	0,33	0	2	0	0	2	0	33.646.502	17,33142
2022	BBRM	0,33	0,33	0	2	0	0	2	0	34.008.974	17,34213
2023	BBRM	0,33	0,33	1	2	0	3	6	0	34.786.295	17,36473
2024	BBRM	0,33	0,50	1	2	0	3	6	0	43.262.669	17,5828
2021	BSSR	0,25	0,38	0	2	0	3	5	0	435.317.386	19,89159
2022	BSSR	0,14	0,38	0	2	0	3	5	0	404.831.175	19,81898
2023	BSSR	0,14	0,29	0	2	0	3	5	0	408.454.573	19,82789
2024	BSSR	0,14	0,38	1	2	0	3	6	2	383.118.825	19,76386
2021	SGER	0,33	0,50	0	2	0	0	2	0	1.237.084.547.855	27,84378
2022	SGER	0,33	0,50	0	2	0	0	2	0	3.370.495.011.962	28,84608
2023	SGER	0,33	0,50	0	2	0	0	2	1	4.519.310.426.697	29,13938
2024	SGER	0,33	0,50	0	2	0	0	2	0	4.638.206.457.168	29,16535
2021	LEAD	0,25	0,33	0	2	0	0	2	0	136.627.191	18,73277
2022	LEAD	0,25	0,33	0	2	0	0	2	0	133.760.666	18,71156
2023	LEAD	0,25	0,33	1	2	0	0	3	0	129.522.421	18,67936
2024	LEAD	0,20	0,33	1	2	0	0	3	0	129.978.635	18,68288
2021	TCPI	0,20	0,50	0	2	0	3	5	0	2.847.296	14,86188
2022	TCPI	0,20	0,50	0	2	0	3	5	0	2.809.869	14,84865
2023	TCPI	0,25	0,50	1	2	0	3	6	0	3.509.253	15,07091

2024	TCPI	0,25	0,50	0	2	0	3	5	0	3.684.202	15,11956
2021	RIGS	0,33	0,25	0	2	0	0	2	0	648.509.542.780	27,19794
2022	RIGS	0,33	0,25	0	2	0	0	2	0	698.659.351.251	27,27243
2023	RIGS	0,33	0,33	0	2	0	3	5	0	774.124.347.310	27,375
2024	RIGS	0,33	0,33	0	2	0	0	2	0	870.427.370.732	27,49225
2021	FIRE	0,33	0,50	0	2	0	3	5	0	494.252.757.734	26,92631
2022	FIRE	0,33	0,50	0	2	0	3	5	0	364.324.214.971	26,62131
2023	FIRE	0,67	0,33	0	2	0	3	5	0	418.812.724.436	26,76069
2024	FIRE	0,67	0,33	0	2	0	3	5	0	347.213.226.151	26,5732
2021	BESS	0,50	0,33	0	2	0	0	2	0	667.408.015.354	27,22667
2022	BESS	0,50	0,33	0	2	0	3	5	0	772.666.449.902	27,37311
2023	BESS	0,50	0,33	0	2	0	3	5	0	689.803.373.589	27,25967
2024	BESS	0,50	0,33	1	2	0	3	6	0	662.287.328.271	27,21897
2021	SEMA	0,25	0,33	0	2	0	0	2	0	190.079.229.490	25,97071
2022	SEMA	0,25	0,33	0	2	0	3	5	1	233.256.998.781	26,17541
2023	SEMA	0,25	0,33	0	2	0	3	5	1	285.132.935.909	26,37622
2024	SEMA	0,33	0,33	1	2	0	3	6	0	268.072.344.066	26,31452

Lampiran 3. Hasil Analisis Data Deskriptif

Variable	Obs	Mean	Std. dev.	Min	Max
DW	112	.2973661	.1294621	.0666667	.6666667
DK	112	.4546161	.1358275	.2	.8
PE	112	4.910714	1.663349	2	9
ME	112	.2946429	.5308228	0	2
SIZE	112	21.32361	4.218537	10.99612	29.16535

Lampiran 4. Hasil Uji Chow

pe	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
dw	1.646188	1.885915	0.87	0.385	-2.105497	5.397873
dk	3.914796	1.892603	2.07	0.042	.1498049	7.679787
_cons	2.641465	1.070375	2.47	0.016	.5121478	4.770782
sigma_u	1.2030867					
sigma_e	1.1905424					
rho	.50524058	(fraction of variance due to u_i)				
F test that all u_i=0: F(27, 82) = 4.01 Prob > F = 0.0000						

Lampiran 5. Hasil Uji Hausman

----- Coefficients -----				
	(b)	(B)	(b-B)	$\sqrt{\text{diag}(V_b - V_B)}$
	fe	re	Difference	S.E.
dw	1.646188	.9869004	.6592871	1.279318
dk	3.914796	4.198323	-.2835267	1.327994

b = consistent under Ho and Ha; obtained from `xtreg`
 B = inconsistent under Ha, efficient under Ho; obtained from `xtreg`

Test: Ho: difference in coefficients not systematic

$$\begin{aligned} \text{chi2}(2) &= (b-B)'[(V_b - V_B)^{-1}](b-B) \\ &= 0.32 \\ \text{Prob} > \text{chi2} &= 0.8537 \end{aligned}$$

Lampiran 6. Hasil Uji Lagrange Multiplier

Breusch and Pagan Lagrangian multiplier test for random effects

$$pe[id,t] = Xb + u[id] + e[id,t]$$

Estimated results:

	Var	sd = sqrt(Var)
pe	2.766731	1.663349
e	1.417391	1.190542
u	1.17104	1.082146

Test: $Var(u) = 0$

chibar2(01) = 29.92
 Prob > chibar2 = 0.0000

Lampiran 7. Hasil Uji Normalitas

Variable	Obs	W	V	z	Prob>z
res	112	0.99188	0.812	-0.415	0.66087

Lampiran 8. Hasil Uji Multikolinearitas

Variable	VIF	1/VIF
dk	1.03	0.971146
dw	1.03	0.971146
Mean VIF	1.03	

Lampiran 9. Hasil Uji Heterokedastisitas

Breusch-Pagan / Cook-Weisberg test for heteroskedasticity

H0: Constant variance

Variables: fitted values of pe

chi2(1) = 0.05
 Prob > chi2 = 0.8210

Lampiran 10. Hasil Model Regresi Tanpa Moderasi

pe	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
dw	1.429695	1.388341	1.03	0.303	-1.291403	4.150794
dk	4.094829	1.315032	3.11	0.002	1.517414	6.672243
size	-.0786595	.0495472	-1.59	0.112	-.1757703	.0184513
_cons	4.301301	1.275975	3.37	0.001	1.800436	6.802166
sigma_u	.97111735					
sigma_e	1.1868135					
rho	.4010337	(fraction of variance due to u_i)				

Lampiran 11. Hasil Model Regresi Dengan Moderasi

pe	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
dw	2.295946	1.450208	1.58	0.113	-.54641	5.138301
dk	5.17953	1.404096	3.69	0.000	2.427554	7.931507
size	-.0841344	.0477116	-1.76	0.078	-.1776474	.0093785
me	2.893161	1.208321	2.39	0.017	.5248954	5.261427
dw_me	-2.508199	2.528526	-0.99	0.321	-7.464018	2.447621
dk_me	-4.322937	2.13338	-2.03	0.043	-8.504284	-.1415888
_cons	3.588041	1.26425	2.84	0.005	1.110157	6.065926
sigma_u	.89526251					
sigma_e	1.1795856					
rho	.36549259	(fraction of variance due to u_i)				

Lampiran 12. Hasil Koefisien Determinasi Tanpa Moderasi

R-sq:
 within = 0.0354
 between = 0.3081
 overall = 0.1925

Lampiran 13. Hasil Koefisien Determinasi Dengan Moderasi

R-sq:
 within = 0.0724
 between = 0.4002
 overall = 0.2566

Lampiran 14. Hasil Uji Statistik t

pe	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
dw	1.429695	1.388341	1.03	0.303	-1.291403	4.150794
dk	4.094829	1.315032	3.11	0.002	1.517414	6.672243
size	-.0786595	.0495472	-1.59	0.112	-.1757703	.0184513
_cons	4.301301	1.275975	3.37	0.001	1.800436	6.802166
sigma_u	.97111735					
sigma_e	1.1868135					
rho	.4010337	(fraction of variance due to u_i)				

Lampiran 15. Hasil Uji Moderasi

pe	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
dw	2.295946	1.450208	1.58	0.113	-.54641	5.138301
dk	5.17953	1.404096	3.69	0.000	2.427554	7.931507
size	-.0841344	.0477116	-1.76	0.078	-.1776474	.0093785
me	2.893161	1.208321	2.39	0.017	.5248954	5.261427
dw_me	-2.508199	2.528526	-0.99	0.321	-7.464018	2.447621
dk_me	-4.322937	2.13338	-2.03	0.043	-8.504284	-.1415888
_cons	3.588041	1.26425	2.84	0.005	1.110157	6.065926
sigma_u	.89526251					
sigma_e	1.1795856					
rho	.36549259	(fraction of variance due to u_i)				