

Lampiran 1

Data Emiten Obligasi

No	Emiten	Bond ID
1	Adhi Karya	ADHI01BCN2
2	Aneka Gas Industri	AGII02
3	TPS Food	AISA01
4	AKR Corpindo	AKRA01B
5	ANTAM	ANTM01BCN1
6	Agung Podomoro Land	APLN01CN1
7	Bumi Serpong Damai	BSDE01BCN1
8	Fast Food Indonesia	FAST01
9	Indofood Sukses Makmur	INDF06
10	JAPFA	JPFA01CN1
11	Lautan Luas	LTLS01CN1
12	Medco Energi International	MEDC01CN1
13	Mayora Indah	MYOR04
14	Jaya Ancol	PJAA02B
15	PP	PTPP01CN1
16	ROTI	ROTI01CN1
17	SMART	SMAR01ACN1
18	Sumberdaya Sewatama	SSMM01B
19	Tunas Baru Lampung	TBLA02
20	Telkom	TLKM02B
21	Serasi Autoaya	TRAC03D
22	Waskita Karya	WSKT02B

Lampiran 2

Data Yield To Maturity

No	Bond ID	YTM		
		2013	2014	2015
1	ADHI01BCN2	0.08711	0.10304	0.10199
2	AGII02	0.09746	0.1008	0.11904
3	AISA01	0.10858	0.10997	0.10988
4	AKRA01B	0.08451	0.10253	0.10611
5	ANTM01BCN1	0.08543	0.09997	0.09933
6	APLN01CN1	0.08908	0.10546	0.10673
7	BSDE01BCN1	0.08985	0.09774	0.0959
8	FAST01	0.08896	0.0938	0.12529
9	INDF06	0.09403	0.11672	0.1155
10	JPFA01CN1	0.09549	0.09591	0.10652
11	LTLS01CN1	0.09892	0.1101	0.12195
12	MEDC01CN1	0.09478	0.11424	0.12612
13	MYOR04	0.08288	0.09874	0.10315
14	PJAA02B	0.08714	0.0969	0.11735
15	PTPP01CN1	0.09052	0.10133	0.09849
16	ROTI01CN1	0.08253	0.09899	0.11115
17	SMAR01ACN1	0.08829	0.09	0.09526
18	SSMM01B	0.10705	0.09952	0.1064
19	TBLA02	0.09665	0.12503	0.11961
20	TLKM02B	0.08511	0.10046	0.0995
21	TRAC03D	0.08569	0.09644	0.0899
22	WSKT02B	0.10186	0.10347	0.09345

Lampiran 3

Data Peringkat Obligasi Perusahaan

No	Bond ID	Rating	
		2013-2015	
1	ADHI01BCN2	1	A-
2	AGII02	1	A-
3	AISA01	1	A
4	AKRA01B	1	AA-
5	ANTM01BCN1	1	BBB+
6	APLN01CN1	1	BBB
7	BSDE01BCN1	1	AA-
8	FAST01	0	BB
9	INDF06	1	AA+
10	JPFA01CN1	1	A
11	LTLS01CN1	1	A-
12	MEDC01CN1	0	BB+
13	MYOR04	1	AA-
14	PJAA02B	1	AA-
15	PTPP01CN1	1	A+
16	ROTI01CN1	1	AA-
17	SMAR01ACN1	1	AA-
18	SSMM01B	1	A
19	TBLA02	0	BB+
20	TLKM02B	1	AAA
21	TRAC03D	1	A+
22	WSKT02B	1	A-

Lampiran 4

Data Komisaris Independen dan Komite Audit Perusahaan

No	Bond ID	KI			KA		
		2013	2014	2015	2013	2014	2015
1	ADHI01BCN2	0.33333	0.33333	0.33333	1	0	1
2	AGII02	0.4	0.4	0.33333	1	1	1
3	AISA01	0.33333	0.4	0.4	1	1	1
4	AKRA01B	0.33333	0.33333	0.33333	1	1	1
5	ANTM01BCN1	0.33333	0.33333	0.33333	1	1	1
6	APLN01CN1	0.14286	0.16667	0.16667	1	1	1
7	BSDE01BCN1	0.375	0.375	0.4	1	1	1
8	FAST01	0.33333	0.33333	0.33333	1	1	1
9	INDF06	0.375	0.375	0.375	1	1	1
10	JPFA01CN1	0.33333	0.5	0.5	1	1	1
11	LTLS01CN1	0.5	0.5	0.4	1	1	1
12	MEDC01CN1	0.33333	0.33333	0.33333	1	1	1
13	MYOR04	0.4	0.4	0.4	1	1	1
14	PJAA02B	0.5	0.5	0.5	1	1	1
15	PTPP01CN1	0.4	0.4	0.33333	1	1	1
16	ROTI01CN1	0.33333	0.33333	0.33333	1	1	1
17	SMAR01ACN1	0.55556	0.5	0.42857	1	1	1
18	SSMM01B	0.33333	0.33333	0.33333	1	1	1
19	TBLA02	0.33333	0.33333	0.33333	1	1	1
20	TLKM02B	0.33333	0.42857	0.42857	1	1	1
21	TRAC03D	0.25	0.25	0.4	1	1	1
22	WSKT02B	0.33333	0.33333	0.33333	1	1	1

Lampiran 5

Data *Debt to Equity Ratio* Perusahaan

No	Bond ID	DER		
		2013	2014	2015
1	ADHI01BCN2	5.658169	5.37433	2.24693
2	AGH02	2.224478	1.99774	1.793
3	AISA01	1.130352	1.05633	1.28414
4	AKRA01B	1.723491	1.47919	1.08657
5	ANTM01BCN1	0.709082	0.84786	0.65733
6	APLN01CN1	1.728514	1.80984	1.70694
7	BSDE01BCN1	0.6829	0.52964	0.63021
8	FAST01	1.059077	1.05756	5.0724
9	INDF06	1.108712	1.13728	5.1296
10	JPFA01CN1	1.88582	2.04254	1.80856
11	LTLS01CN1	2.28737	2.04595	2.33
12	MEDC01CN1	1.866683	2.00733	3.14743
13	MYOR04	1.495618	1.52585	1.18362
14	PJAA02B	0.818052	0.82528	4.7501
15	PTPP01CN1	5.384064	5.24393	2.73677
16	ROTI01CN1	1.345912	1.2472	1.27702
17	SMAR01ACN1	1.838544	1.6846	2.14282
18	SSMM01B	3.845429	4.06819	4.31624
19	TBLA02	2.459627	4.9865	2.22524
20	TLKM02B	0.652601	0.64925	0.77862
21	TRAC03D	2.992133	2.76105	2.58081
22	WSKT02B	2.780311	3.53604	2.1233

Lampiran 6

Data Perhitungan Yield to Maturity

No	Bond ID	Price			Rede mption	Cou pon	Sisa Waktu Jatuh Tempo			YTM		
		2013	2014	2015			2013- 2015	2013- 2015	20 13	20 14	20 15	2013
1	ADHI01BCN2	98.87	91.73	93.23	100	8.5	7	6	5	0.087106	0.103044	0.101992
2	AGII02	100.18	99.27	96.24	100	9.8	4	3	2	0.097462	0.100801	0.119038
3	AISA01	97.61	97.55	98.1	100	10.25	5	4	3	0.108578	0.109972	0.109877
4	AKRA01B	101.43	94.02	93.86	100	8.75	6	5	4	0.084512	0.102526	0.106108
5	ANTM01BCN1	103.02	95.09	95.92	100	9.05	8	7	6	0.085435	0.099969	0.099326
6	APLN01CN1	101.40	95.72	96.32	100	9.25	5	4	3	0.089076	0.105457	0.106731
7	BSDE01BCN1	100.90	98.63	99.38	100	9.25	4	3	2	0.089846	0.097736	0.095897
8	FAST01	101.6	100.22	97.15	100	9.5	3	2	1	0.088955	0.093797	0.125285
9	INDF06	92.75	88.71	92.29	100	7.25	4	3	2	0.094034	0.116722	0.115503
10	JPFA01CN1	101.18	100.81	98.64	100	9.9	4	3	2	0.095487	0.095912	0.106524
11	LTLS01CN1	99.43	95.87	93.8	100	9.75	5	4	3	0.098922	0.110099	0.121947
12	MEDC01CN1	97.72	93.28	93.23	100	8.8	4	3	2	0.09478	0.114238	0.126119
13	MYOR04	101.02	94.49	93.98	100	8.5	6	5	4	0.082877	0.09874	0.103155
14	PJAA02B	98.93	96.62	94.03	100	8.4	4	3	2	0.087141	0.096904	0.117353
15	PTPP01CN1	97.26	94.17	96.16	100	8.38	5	4	3	0.09052	0.101329	0.098491
16	ROTI01CN1	98.95	93.66	91.99	100	8	5	4	3	0.082533	0.098988	0.111152
17	SMAR01ACN1	100.58	100	99.04	100	9	4	3	2	0.088294	0.09	0.095257
18	SSMM01B	96.36	99.08	98.12	100	9.6	4	3	2	0.107048	0.099524	0.1064
19	TBLA02	102.8	94.94	97.39	100	10.5	4	3	2	0.096647	0.12503	0.119611
20	TLKM02B	109.11	100.71	101	100	10.2	7	6	5	0.085109	0.10046	0.099502
21	TRAC03D	100.48	98.37	99.77	100	8.75	3	2	1	0.085694	0.096436	0.089903
22	WSKT02B	98.55	98.45	100.74	100	9.75	4	3	2	0.101864	0.103469	0.093454

Lampiran 7

Data Perhitungan Debt to Equity Ratio (Total Hutang)

No	Bond ID	Total Hutang		
		2013	2014	2015
1	ADHI01BCN2	8260956452543	8818101139073	11598931718043
2	AGII02	1763256590	2226798084	3074584
3	AISA01	2666648	3787932	5094072
4	AKRA01B	9258308594	8824408103	7916954220
5	ANTM01BCN1	9071629859	10114640953	12040131928
6	APLN01CN1	12467225599	15256157344	15486506060
7	BSDE01BCN1	9159555291958	9766689326644	13925458006310
8	FAST01	1043156952	1111567925	5655306665
9	INDF06	40893841	45803053	221196523
10	JPFA01CN1	9760149	10579414	11049774
11	LTLS01CN1	3155452	3140124	3773710
12	MEDC01CN1	1633764117	1780677237	2208214969
13	MYOR04	5820959652752	6220960735713	6148255759034
14	PJAA02B	1182136501661	1316133605313	8495733220000
15	PTPP01CN1	10451612924350	12244221865951	14009876890457
16	ROTI01CN1	1045725133498	1189311196709	1517788685162
17	SMAR01ACN1	11905555	13361397	16334245
18	SSMM01B	2792893	2950389	3204437
19	TBLA02	4416686	12236093	6405298
20	TLKM02B	50527	55830	72745
21	TRAC03D	5867840	5580429	5215672
22	WSKT02B	6463546672374	9777062657796	20604904309804

Lampiran 8

Data Perhitungan Debt to Equity Ratio (Total Ekuitas)

No	Bond ID	Total Ekuitas		
		2013	2014	2015
1	ADHI01BCN2	1460005311878	1640780545201	5162131796836
2	AGII02	792660670	1114657344	1714769
3	AISA01	2359130	3585936	3966907
4	AKRA01B	5371834672	5965695808	7286175343
5	ANTM01BCN1	12793487532	11929561267	18316718962
6	APLN01CN1	7212683391	8429580500	9072668928
7	BSDE01BCN1	13412737191553	18440169832934	22096690483336
8	FAST01	984967711	1051065885	1114917330
9	INDF06	36884099	40274198	43121593
10	JPFA01CN1	5175547	5179545	6109692
11	LTLS01CN1	1379511	1534803	1619620
12	MEDC01CN1	875223304	887085493	701593859
13	MYOR04	3892009269933	4077036284827	5194459927187
14	PJAA02B	1445061916683	1594771706141	1788537761351
15	PTPP01CN1	1941212720425	2334932870254	5119072234163
16	ROTI01CN1	776963913610	953583079507	1188534951872
17	SMAR01ACN1	6475534	7931489	7622770
18	SSMM01B	726289	725233	742414
19	TBLA02	1795673	2453844	2878477
20	TLKM02B	77424	85992	93428
21	TRAC03D	1961089	2021123	2020941
22	WSKT02B	2324756565246	2764978687052	9704206867663

Lampiran 9
Tabel Durbin Watson

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
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
41	1.4493	1.5490	1.3992	1.6031	1.3480	1.6603	1.2958	1.7205	1.2428	1.7835
42	1.4562	1.5534	1.4073	1.6061	1.3573	1.6617	1.3064	1.7202	1.2546	1.7814
43	1.4628	1.5577	1.4151	1.6091	1.3663	1.6632	1.3166	1.7200	1.2660	1.7794
44	1.4692	1.5619	1.4226	1.6120	1.3749	1.6647	1.3263	1.7200	1.2769	1.7777
45	1.4754	1.5660	1.4298	1.6148	1.3832	1.6662	1.3357	1.7200	1.2874	1.7762
46	1.4814	1.5700	1.4368	1.6176	1.3912	1.6677	1.3448	1.7201	1.2976	1.7748
47	1.4872	1.5739	1.4435	1.6204	1.3989	1.6692	1.3535	1.7203	1.3073	1.7736
48	1.4928	1.5776	1.4500	1.6231	1.4064	1.6708	1.3619	1.7206	1.3167	1.7725
49	1.4982	1.5813	1.4564	1.6257	1.4136	1.6723	1.3701	1.7210	1.3258	1.7716
50	1.5035	1.5849	1.4625	1.6283	1.4206	1.6739	1.3779	1.7214	1.3346	1.7708
51	1.5086	1.5884	1.4684	1.6309	1.4273	1.6754	1.3855	1.7218	1.3431	1.7701
52	1.5135	1.5917	1.4741	1.6334	1.4339	1.6769	1.3929	1.7223	1.3512	1.7694
53	1.5183	1.5951	1.4797	1.6359	1.4402	1.6785	1.4000	1.7228	1.3592	1.7689
54	1.5230	1.5983	1.4851	1.6383	1.4464	1.6800	1.4069	1.7234	1.3669	1.7684
55	1.5276	1.6014	1.4903	1.6406	1.4523	1.6815	1.4136	1.7240	1.3743	1.7681
56	1.5320	1.6045	1.4954	1.6430	1.4581	1.6830	1.4201	1.7246	1.3815	1.7678
57	1.5363	1.6075	1.5004	1.6452	1.4637	1.6845	1.4264	1.7253	1.3885	1.7675
58	1.5405	1.6105	1.5052	1.6475	1.4692	1.6860	1.4325	1.7259	1.3953	1.7673
59	1.5446	1.6134	1.5099	1.6497	1.4745	1.6875	1.4385	1.7266	1.4019	1.7672
60	1.5485	1.6162	1.5144	1.6518	1.4797	1.6889	1.4443	1.7274	1.4083	1.7671
61	1.5524	1.6189	1.5189	1.6540	1.4847	1.6904	1.4499	1.7281	1.4146	1.7671
62	1.5562	1.6216	1.5232	1.6561	1.4896	1.6918	1.4554	1.7288	1.4206	1.7671
63	1.5599	1.6243	1.5274	1.6581	1.4943	1.6932	1.4607	1.7296	1.4265	1.7671
64	1.5635	1.6268	1.5315	1.6601	1.4990	1.6946	1.4659	1.7303	1.4322	1.7672
65	1.5670	1.6294	1.5355	1.6621	1.5035	1.6960	1.4709	1.7311	1.4378	1.7673
66	1.5704	1.6318	1.5395	1.6640	1.5079	1.6974	1.4758	1.7319	1.4433	1.7675
67	1.5738	1.6343	1.5433	1.6660	1.5122	1.6988	1.4806	1.7327	1.4486	1.7676
68	1.5771	1.6367	1.5470	1.6678	1.5164	1.7001	1.4853	1.7335	1.4537	1.7678
69	1.5803	1.6390	1.5507	1.6697	1.5205	1.7015	1.4899	1.7343	1.4588	1.7680
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683