



LAMPIRAN 1

PROYEKSI KEUANGAN ALTERNATIF SATU



Lampiran 1.2. PROYEKSI LABA / (RUGI) ALTERNATIF SATU

KETERANGAN	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total	Rata-rata	% naik Pen.			
PENJUALAN	335.522.416	540.277.561	577.665.963	539.101.234	679.436.252	416.514.635	570.259.431	1.052.094.904	1.363.289.253	1.258.727.320	1.523.552.269	2.081.185.477	2.754.129.215	2.634.459.215	2.623.216.660	20.000.660.446	1.333.577.363	102.007%			
BAYAR VAGIAPEL	285.200.287	429.204.967	555.346.311	582.155.321	630.923.627	746.029.401	986.364.437	1.051.722.702	1.245.109.612	1.428.781.255	1.756.732.131	1.987.335.902	2.049.122.340	2.213.052.129	2.301.056.209	18.299.024.617	1.215.989.309	31.17%			
BAYAR TEGAS / (RUGI) RUGI	13.192.744	21.920.160	36.272.328	31.322.861	30.650.186	41.249.513	42.214.179	44.830.016	48.982.455	40.105.270	51.395.447	52.911.801	56.051.004	53.808.401	62.801.543	657.013.061	43.045.931	3.26%			
BAYAR ALAMAT	11.217.776	10.538.173	13.429.479	12.429.598	13.760.043	14.984.096	15.363.213	17.337.470	19.724.487	20.222.405	21.160.219	23.587.438	25.474.431	27.512.996	29.713.397	277.234.982	19.482.305	1.39%			
1-14. RUGI / 1E14%	24.557.919	36.502.069	51.100.798	43.370.718	53.412.249	56.126.656	52.027.322	62.176.496	66.578.923	80.246.066	73.215.066	77.460.237	82.125.465	87.121.963	92.517.900	204.246.843	42.289.256	4.67%			
MABA PUPOK PRODUKSI	301.764.706	344.797.536	403.306.997	504.827.046	594.236.356	504.121.008	946.200.303	1.113.309.251	1.325.896.935	1.540.000.000	1.900.007.797	1.974.934.730	2.151.247.937	2.300.175.932	2.492.614.239	19.172.273.960	1.279.151.984	36.94%			
LAB-RUGI K31,4%	19.981.704	5.482.166	29.560.014	4.910.124	3.129.681	12.532.592	24.170.061	38.650.503	56.812.584	59.038.503	102.544.487	112.321.738	122.891.558	134.285.302	146.601.940	881.946.399	55.425.739	4.10%			
BIAYA ADMINISTRASI & PEMB.																					
Biaya Adminstrasi	431.152	711.053	1.040.016	900.159	972.786	242.812	1.019.021	1.050.407	1.167.400	1.182.112	1.395.006	1.466.807	1.615.472	1.744.709	1.994.295	1.750.264	1.172.084	0.00%			
Biaya Adminstrasi A.Um-r.p	1.227.396	1.773.133	2.065.046	2.020.346	2.19.913	2.356.530	2.545.023	2.740.657	2.905.550	3.200.033	3.462.516	3.739.517	4.036.079	4.361.773	4.710.715	43.982.410	2.300.161	0.22%			
Sut.1.14%	1.712.034	2.480.787	3.167.056	2.929.479	3.06.172	3.209.142	3.393.074	3.648.120	4.055.885	4.489.447	5.864.550	5.236.294	6.105.402	6.396.001	6.153.374	4.022.205	0.31%				
LAB-RUGI OPERASI	17.102.930	3.001.269	23.537.074	1.461.771	144.919	9.293.457	20.563.994	34.981.450	52.466.955	74.208.402	37.860.874	107.098.413	117.227.009	129.178.950	140.006.839	789.953.615	51.223.574	3.65%			
Hasil Operasi	2.300.278	3.665.937	3.443.568	11.161.305	11.161.295	11.161.295	2.317.771	7.464.217	5.560.003	3.727.109	1.963.554				99.827.382	5.985.531	0.45%				
LAB-AJIRUN BERSAMA Sistem Pajak	7.912.371	-	6.695.963	-	42.290.329	-	9.050.554	11.056.006	-	1.927.869	11.336.217	27.307.248	46.986.032	70.461.114	98.803.420	107.098.413	117.227.009	128.178.950	140.006.839	69.025.853	4.34%
Fgdp	2.372.211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LAB-AJIRUN BERSAMA Sistem Pajak	6.085.568	-	4.249.632	-	3.650.554	-	11.036.406	-	1.307.969	11.336.217	27.307.248	42.986.201	67.089.394	74.380.468	90.059.306	69.725.196	476.017.967	31.734.530	2.39%		
Apungas Alat.1 Rugi	5.501.660	1.116.303	-44.937.540	-53.751.054	64.903.500	65.785.400	-55.405.151	-	29.027.255	14.940.265	64.146.496	191.269.900	205.229.369	298.367.295	398.013.170	476.017.967	1.50.309.309	60.355.291	-		
Apungas Alat.1 Rugi	-	5.655.569	-41.056.200	-50.306.754	70.372.160	72.306.227	60.263.911	30.546.556	13.230.497	80.790.151	172.614.171	298.703.565	412.987.592	532.106.442	672.112.292	1.618.712.142	123.206.046	-			

Lampiran 1.4 PROYEKSI NERADA ALTERNATIF SATU

KETEBANGAN	1998	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total	Rata-rata	% RATA	
AKTIVA																		
AKTIVA LANKAR																		
Has	125.17.230	6.650.324	61.026.422	37.269.921	29.194.650	10.299.896	1.062.055	51.104.619	106.469.987	151.223.086	250.971.719	334.966.720	406.367.893	545.420.693	682.725.413	2.424.161.588	16.161.772	32.04%
Persediaan Bahan Baku	2.616.245	61.767.366	64.244.396	12.684.170	12.960.530	102.160.916	121.159.398	144.170.355	203.066.346	203.066.346	219.312.346	206.057.306	255.905.923	265.065.923	276.210.397	210.165.187	140.570.725	27.87%
Catatan Sisa & Biaya Pemasaran	1.427.045	2.302.154	2.026.309	2.325.204	2.726.739	3.220.364	3.940.364	4.571.967	6.491.385	6.492.463	7.066.215	9.278.786	9.341.050	9.656.354	10.426.660	70.252.134	5.285.076	1.05%
Persediaan Bahan Baku	38.395.170	36.579.246	43.642.027	41.185.246	45.188.948	47.188.948	47.188.948	51.152.000	55.194.207	56.193.982	63.931.172	81.144.672	73.505.722	79.327.119	95.614.415	872.415.007	58.621.669	11.82%
Persediaan Barang Tidak Jadi	323.264	1.318.730	1.465.300	1.599.630	1.796.561	2.124.910	1.524.275	2.369.808	3.952.550	4.292.303	5.026.902	5.430.329	5.964.755	6.370.326	6.840.051	51.996.611	3.465.307	0.89%
Jumlah Aktiva Lankar	51.350.450	9.215.162	50.424.666	71.982.907	30.329.948	12.792.217	172.571.591	226.493.300	414.220.080	514.946.398	641.462.447	757.357.265	202.831.418	1.048.670.841	5.543.365.244	369.557.750	72.26%	
AKTIVA TEP																		
Aliva Fisik, Mesin, Peralatan dan Aset	254.529.039	264.559.633	254.592.039	254.599.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	254.600.633	50.07%	
Asumsi Pendek Tahunan	707.366	92.221.201	76.425.862	50.193.732	51.964.010	77.755.399	19.136.446	18.867.962	15.209.360	175.890.915	195.551.302	215.222.348	214.989.367	254.964.394	1.775.395.121	119.682.255	20.73%	
Uang Dulu	251.95.273	241.950.704	259.162.777	216.371.644	192.703.929	177.029.911	157.361.724	137.650.777	116.019.759	91.346.242	78.617.724	50.005.707	30.336.665	12.664.672	6.346	2.022.995.764	134.995.394	26.74%
Aset Non Finansial																	0.00%	
Jumlah Aktiva TEP	252.95.273	241.950.709	239.162.777	216.371.646	192.703.929	177.029.911	157.361.724	137.650.777	116.019.759	91.346.242	78.617.724	50.006.707	30.336.665	12.664.672	6.346	2.022.995.764	134.995.394	26.74%
TOTAL AKTIVA	305.321.722	333.945.970	282.572.425	289.371.753	281.020.015	300.951.048	329.609.426	327.145.026	458.744.000	512.554.000	613.554.000	700.469.154	806.659.653	202.469.050	1.046.661.265	7.006.365.008	504.921.394	101.00%
KEWAHIBAN & MODAL SENDIRI																		
Kewajiban Lancar	45.134.472	73.054.140	98.136.307	87.610.208	102.317.896	19.017.896	10.533.373	10.353.075	10.263.073	10.353.073	10.353.073	301.919.219	275.462.063	352.042.153	380.208.173	2.301.408.156	133.426.405	39.35%
Hutang Pajak	45.134.472	73.054.140	98.136.307	87.610.208	102.317.896	19.017.896	10.533.373	10.353.075	10.263.073	10.353.073	10.353.073	301.919.219	275.462.063	352.042.153	380.208.173	2.301.408.156	133.426.405	39.35%
Hutang Seluruh Lainnya																		
Jumlah Kewajiban Lancar																		
Kewajiban Jangka Panjang																		
Hutang Jangka Panjang																		
Jumlah Kewajiban Jangka Panjang																		
MODAL SENDIRI																		
Modal Sendiri	132.040.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	132.140.196	38.15%	
Amortisasi	5.539.680	6.665.561	11.909.939	44.070.540	53.737.034	64.833.500	66.761.365	56.455.161	26.027.305	131.269.965	208.229.060	299.267.975	378.013.710	51.020.760	774.311.406	10.23%		
Likuiditas Lain Pada Pendek	131.918.936	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	31.734.530	6.22%	
Likuiditas Lain Panjang	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	131.918.937	4.136.311.963	27.735.467	54.69%	
TOTAL KEWAHIBAN & MODAL	305.201.722	330.045.472	281.521.455	289.371.753	281.020.015	300.951.048	329.609.426	327.145.026	458.744.000	512.554.000	613.554.000	700.469.154	806.659.653	202.469.050	1.046.661.265	7.006.365.008	504.921.394	101.00%

Contoh 1.5. PERHITUNGAN NPV, IRR, PAYBACK PERIOD ALTERNATIP SATU

Lampiran 1.6 PENGHITUNGAN INTERNAL RATE OF RETURN (IRR) ALTERNATIF SATU

KETERANDIAN	Tahapan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	PV & NW
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Irr %	11%	10,397,051	22,623,944	26,954,640	15,940,205	19,226,467	30,087,430	42,011,460	54,963,960	71,270,090	76,663,316	33,286,256	24,337,000	101,411,953	102,052,905	117,304,205	81,467,194
Apabila Rasio RAS = 5%		-	-	-	-	-	-	-	-	-	-	30,599,119	30,266,075	46,932,165	59,314,119	687,300,935	914,671,949
IRR PV	9,901	12,358,732	13,727,748	2,222,177	21,485,184	51,596,004	31,567,554	150,461,414	211,738,532	299,599,119	299,599,119	0,294	0,294	0,294	0,294	0,294	0,294
Present Value	1,451,771	0,912	0,731	0,680	0,580	0,580	0,490	0,490	0,490	0,490	0,490	0,347	0,347	0,347	0,347	0,347	0,347
Net Present Value	25,559,670	-19,960,073	10,511,001	11,455,332	16,086,775	27,056,489	24,677,173	20,245,524	27,890,124	26,798,986	26,798,986	36,164,284	26,300,251	24,616,230	26,671,950	26,300,251	24,616,230
Irig %	12%	26,917,372	24,546,811	264,236,990	24,546,810	24,546,810	24,546,810	19,561,688	19,561,688	126,656,447	96,946,461	63,985,053	42,703,763	19,420,513	6,115,211	6,115,211	6,115,211
Apabila RAS = 5%		-	-	-	-	-	-	-	-	-	-	94,307,000	94,307,000	101,411,953	100,052,905	117,304,205	81,467,194
Apabila RAS = 10%		-	-	-	-	-	-	-	-	-	-	298,569,819	302,065,075	468,932,165	59,314,119	687,300,935	914,671,949
IRR PV	0,803	12,246,702	13,329,748	2,222,177	21,485,184	51,596,004	31,557,554	150,461,414	211,738,532	299,599,119	299,599,119	0,295	0,295	0,295	0,295	0,295	0,295
Present Value	2,275,637	19,681,363	18,486,753	10,144,131	10,329,751	15,264,327	19,266,119	22,391,936	25,731,751	24,746,989	26,968,029	24,244,827	22,365,825	21,486,901	22,365,825	21,486,901	22,365,825
Net Present Value	25,559,670	-261,934,276	-245,300,073	-264,236,990	-254,300,073	-243,755,922	-297,361,156	-298,972,401	-195,001,019	-160,293,261	-155,519,279	-109,551,251	-84,300,819	-61,093,051	-39,723,465	-39,723,465	-39,723,465
IRR %	13%	10,397,051	22,623,944	26,954,640	15,940,205	19,226,467	30,087,430	42,011,460	54,963,960	71,270,090	76,663,316	33,286,256	24,337,000	101,411,953	100,052,905	117,304,205	81,467,194
Apabila Kas Awal = 0		-	-	-	-	-	-	-	-	-	-	94,307,000	94,307,000	101,411,953	100,052,905	117,304,205	81,467,194
Apabila Kas Awal = 10%		-	-	-	-	-	-	-	-	-	-	298,569,819	302,065,075	468,932,165	59,314,119	687,300,935	914,671,949
IRR PV	0,985	0,797	0,712	0,686	0,587	0,587	0,497	0,497	0,497	0,497	0,497	0,303	0,303	0,303	0,303	0,303	0,303
Present Value	3,192,541	17,174,469	17,363,482	10,467,116	9,777,344	14,441,966	17,944,990	21,373,327	22,735,347	22,674,679	24,524,822	21,710,986	20,984,026	19,793,589	19,793,589	19,793,589	19,793,589
Net Present Value	25,559,670	-265,751,190	-246,056,710	-264,236,990	-254,300,073	-243,755,922	-297,361,156	-298,972,401	-195,001,019	-160,293,261	-155,519,279	-109,551,251	-84,300,819	-61,093,051	-39,723,465	-39,723,465	-39,723,465
KIR	11%	6,113,211	12,300,657	12,298,722	13,329,748	2,222,177	21,485,184	51,596,004	31,557,554	150,461,414	211,738,532	299,599,119	0,295	0,295	0,295	0,295	0,295
IRR	12%	-	-	-	-	-	-	-	-	-	-	48,932,165	59,314,119	687,300,935	914,671,949	914,671,949	914,671,949
IRR %	13%	-	-	-	-	-	-	-	-	-	-	302,065,075	468,932,165	59,314,119	687,300,935	914,671,949	914,671,949

= 11% - 1,6 (12,211 / 16,112) + 17,353%

= 11% - 0,26% x 11,26%

- 11,26%