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APPENDIX
PARAMETER ANALYSIS ON FINANCIAL
MODEL

Balance Sheet (Unit in Thousand USD)
(Selling Price Price of PTA Change)

<i>Assets</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
Current Assets											
1 Cash in hand and deposit at bank	40,000	47,392	74,993	87,448	105,462	119,024	136,723	157,958	178,422	201,968	229,194
2 Account receivable	19,800	21,377	23,075	24,943	25,685	26,465	27,244	28,061	28,915	29,806	31,030
3 Inventory	9,228	9,930	10,649	11,472	11,809	12,132	12,507	12,849	13,213	13,600	14,009
4 Other current assets (0.5% of Total assets)	1,796	1,749	1,806	1,786	1,787	1,772	1,771	1,789	1,804	1,834	1,891
Total current assets	70,824	80,448	110,523	125,649	144,744	159,392	178,245	200,657	222,353	247,207	276,124
5 Plant, property and equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
6 Catalyst and chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
7 Other assets (2% of Total assets)	7,183	6,994	7,222	7,145	7,149	7,086	7,085	7,157	7,214	7,336	7,564
Total assets	359,175	349,709	361,112	357,261	357,460	354,312	354,264	357,847	360,701	366,776	378,188
Liabilities and Equities											
Current Liabilities											
8 Overdraft and short-term loan	13,760	0	0	0	0	0	0	0	0	0	0
9 Account payable	9,228	9,930	10,649	11,472	11,809	12,132	12,507	12,849	13,213	13,600	14,009
10 Current portion of long-term	0	0	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
11 Other current liabilities (2% of total assets)	7,183	6,994	7,222	7,145	7,149	7,086	7,085	7,157	7,214	7,336	7,564
Total current liabilities	30,171	16,924	39,871	40,617	40,959	41,218	41,592	42,006	42,427	42,935	43,572
Long-term Liabilities											
12 Long-term debt	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Total liabilities	250,171	236,924	237,871	216,617	194,959	173,218	151,592	130,006	108,427	86,935	65,572
Shareholders' Equities											
13 Registered capital	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
14 Retained earnings	997	2,785	13,240	30,644	52,501	69,766	89,803	113,175	135,862	161,459	191,616
15 Legal reserve	0	0	0	0	0	1,328	2,869	4,667	6,412	8,381	11,000
Total Shareholders' Equities	109,003	112,785	123,240	140,644	162,501	181,094	202,672	227,842	252,274	279,841	312,616
Total Liabilities & Shareholders' Equities	359,175	349,709	361,112	357,261	357,460	354,312	354,264	357,847	360,701	366,776	378,188
Total Assets exclude Cash in hand	359,175	302,317	286,119	269,813	251,998	235,288	217,541	199,889	182,279	164,808	148,994
Total Liabilities & Shareholders' Equities exclude	345,415	349,709	361,112	357,261	357,460	354,312	354,264	357,847	360,701	366,776	378,188
Difference	13,760	(47,392)	(74,993)	(87,448)	(105,462)	(119,024)	(136,723)	(157,958)	(178,422)	(201,968)	(229,194)

Balance Sheet (Unit in Thousand USD)
(Selling Price Price of PTA Change)

<i>Assets</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
Current Assets				
1 Cash in hand and deposit at bank	260,954	295,520	347,311	401,522
2 Account receivable	31,958	32,923	33,926	34,965
3 Inventory	14,459	14,894	15,371	15,832
4 Other current assets (0.5% of Total assets)	1,964	2,051	2,228	2,417
Total current assets	309,335	345,389	398,835	454,736
5 Plant, property and equipment	74,667	56,000	37,333	18,667
6 Catalyst and chemical	934	700	467	233
7 Other assets (2% of Total assets)	7,856	8,206	8,911	9,666
Total assets	392,791	410,295	445,546	483,302
Liabilities and Equities				
Current Liabilities				
8 Overdraft and short-term loan	0	0	0	0
9 Account payable	14,459	14,894	15,371	15,832
10 Current portion of long-term	22,000	0	0	0
11 Other current liabilities (2% of total assets)	7,856	8,206	8,911	9,666
Total current liabilities	44,315	23,100	24,282	25,498
Long-term Liabilities				
12 Long-term debt	0	0	0	0
Total liabilities	44,315	23,100	24,282	25,498
Shareholders' Equities				
13 Registered capital	110,000	110,000	110,000	110,000
14 Retained earnings	227,477	266,195	300,264	336,804
15 Legal reserve	11,000	11,000	11,000	11,000
Total Shareholders' Equities	348,477	387,195	421,264	457,804
Total Liabilities & Shareholders' Equities	392,791	410,295	445,546	483,302
Total Assets exclude Cash in hand	131,837	114,775	98,235	81,780
Total Liabilities & Shareholders' Equities exclude	392,791	410,295	445,546	483,302
Difference	(260,954)	(295,520)	(347,311)	(401,522)

Income Statement (Unit in Thousand USD)
(Selling Price Price of PTA Change)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales											
16 Sale revenues	160,600	173,394	187,167	202,316	208,337	214,660	220,982	227,606	234,530	241,756	251,691
17 Other income	0	370	1,750	2,372	3,273	3,951	4,836	5,898	6,921	8,098	9,460
Total revenues	160,600	173,763	188,917	204,689	211,611	218,611	225,818	233,504	241,451	249,854	261,151
Expenses											
18 Cost of goods sold	112,277	120,815	129,562	139,572	143,681	147,603	152,167	156,326	160,757	165,462	170,437
Land lease	111	111	111	111	111	111	111	111	111	111	111
19 Depreciation & amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Administrative management expense	653	686	720	756	794	833	875	919	965	1,013	1,064
20 Selling administrative expense	8,030	8,670	9,358	10,116	10,417	10,733	11,049	11,380	11,727	12,088	12,585
Earning before interest and tax	19,629	23,581	29,266	34,233	36,708	39,430	41,716	44,867	47,992	51,281	58,054
21 Interest expense	20,626	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Earnings before tax	-997	3,781	10,456	17,403	21,858	26,560	30,826	35,957	41,062	46,331	55,084
22 Income tax	0	0	0	0	0	0	0	0	6,159	6,950	8,263
Net earnings	-997	3,781	10,456	17,403	21,858	26,560	30,826	35,957	34,903	39,381	46,822
Retaining Earnings											
Beginning of year	0	-997	2,785	13,240	30,644	52,501	69,766	89,803	113,175	135,862	161,459
Net earnings	-997	3,781	10,456	17,403	21,858	26,560	30,826	35,957	34,903	39,381	46,822
Dividends	0	0	0	0	0	(7,968)	(9,248)	(10,787)	(10,471)	(11,814)	(14,047)
Legal reserve	0	0	0	0	0	(1,328)	(1,541)	(1,798)	(1,745)	(1,969)	(2,619)
End-of-year	-997	2,785	13,240	30,644	52,501	69,766	89,803	113,175	135,862	161,459	191,616
Accumulate legal reserve	0	0	0	0	0	(1,328)	(2,869)	(4,667)	(6,412)	(8,381)	(11,000)

Income Statement (Unit in Thousand USD)
(Selling Price Price of PTA Change)

	2012	2013	2014	2015
Sales				
16 Sale revenues	259,218	267,045	275,174	283,604
17 Other income	11,048	12,776	15,366	18,076
Total revenues	270,265	279,821	290,540	301,680
Expenses				
18 Cost of goods sold	175,916	181,212	187,009	192,625
Land lease	111	111	111	111
19 Depreciation & amortization expenses	18,900	18,900	18,900	18,900
Administrative management expense	1,117	1,173	1,231	1,293
20 Selling administrative expense	12,961	13,352	13,759	14,180
Earning before interest and tax	61,260	65,073	69,529	74,571
21 Interest expense	990	0	0	0
Earnings before tax	60,270	65,073	69,529	74,571
22 Income tax	9,041	9,761	20,859	22,371
Net earnings	51,230	55,312	48,671	52,199
Retaining Earnings				
Beginning of year	191,616	227,477	266,195	300,264
Net earnings	51,230	55,312	48,671	52,199
Dividends	(15,369)	(16,594)	(14,601)	(15,660)
Legal reserve	0	0	0	0
End-of-year	227,477	266,195	300,264	336,804
Accumulate legal reserve	(11,000)	(11,000)	(11,000)	(11,000)

(Selling Price Price of PTA Change)
Statement of Cash Flows (Unit in Thousand USD)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cash flows from Operating activities									
Net Earnings	997	3,781	10,456	17,403	21,858	26,560	30,826	35,957	34,903
Adjustments to reconcile net income to net cash provided from (used by) operating activities									
Depreciation and amortization	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900
Provision for bad debts	0	0	0	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	0	47	(57)	19	(1)	16	0	(18)	(14)
Cash provided from operating activities before changes in current accounts	18,903	23,729	30,299	37,323	41,757	46,476	50,726	55,839	54,789
(Increase) decrease in current assets/liabilities									
Accounts receivable	0	(1,577)	(1,698)	(1,868)	(742)	(779)	(779)	(817)	(854)
Inventories	0	(702)	(719)	(823)	(338)	(322)	(375)	(342)	(364)
Accounts payable	0	(702)	(719)	(823)	(338)	(322)	(375)	(342)	(364)
Accrued liabilities	0	0	0	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	0	(2,981)	(3,136)	(3,513)	(1,418)	(1,424)	(1,530)	(1,500)	(1,582)
Net cash provided from (used by) operating activities	18,903	20,748	27,163	33,809	40,339	45,052	49,196	54,339	53,207
Cash Flows from Operating activities	18,903	20,748	27,163	33,809	40,339	45,052	49,196	54,339	53,207
Year	1	2	3	4	5	6	7	8	9
DCR (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%
(1+DCR) ⁿ	1	1	1	1	2	2	2	2	2
CFO/(1+DCR) ⁿ	17,185	17,147	20,408	23,092	25,047	25,431	25,246	25,349	22,565
Accumulate CFO/(1+DCR) ⁿ	17,185	34,332	54,740	77,832	102,879	128,310	153,556	178,905	201,470
Sum of CFO/(1+DCR) ⁿ	322,388								
NPV	322,388								

(Selling Price Price of PTA Change)
Statement of Cash Flows (Unit in Thousand USD)

	2010	2011	2012	2013	2014	2015
Cash flows from Operating activities						
Net Earnings	39,381	46,822	51,230	55,312	48,671	52,199
Adjustments to reconcile net income to net cash provided from (used by) operating activities						
Depreciation and amortization	19,900	18,900	18,900	18,900	18,900	18,900
Provision for bad debts	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	(30)	(57)	(73)	(88)	(176)	(189)
Cash provided from operating activities before changes in current accounts	59,251	65,665	70,057	74,124	67,394	70,911
(Increase) decrease in current assets/liabilities						
Accounts receivable	(891)	(1,225)	(928)	(965)	(1,002)	(1,039)
Inventories	(387)	(409)	(450)	(435)	(476)	(462)
Accounts payable	(387)	(409)	(450)	(435)	(476)	(462)
Accrued liabilities	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	(1,664)	(2,043)	(1,829)	(1,836)	(1,955)	(1,962)
Net cash provided from (used by) operating activities	57,586	63,622	68,228	72,289	65,439	68,948
Cash Flows from Operating activities	57,586	63,622	68,228	72,289	65,439	68,948
Year	10	11	12	13	14	15
DCR (%)	10%	10%	10%	10%	10%	10%
(1+DCR)^n	3	3	3	3	4	4
CFO/(1+DCR)^n	22,202	22,299	21,740	20,939	17,232	16,506
Accumulate CFO/(1+DCR)^n	223,672	245,971	267,711	288,650	305,883	322,388
Sum of CFO/(1+DCR)^n						
NPV						

Assumptions
(Selling Price Price of PTA Change)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production Capacity	350	350	350	350	350	350	350	350	350	350	350
Capacity Utilization	298	315	333	350	350	350	350	350	350	350	350
Utilization Rate (%)	85%	90%	95%	100%	100%	100%	100%	100%	100%	100%	100%
Selling Price of PTA											
Domestic Selling Price Revised	548	561	576	594	612	630	649	668	689	710	739
Export Price Revised	496	508	522	538	554	571	588	605	624	643	669
Domestic Selling Price (Decrease by 16%)	17%										
Export Price (Decrease by 16%)	17%										
Domestic Selling Price (Original)	657	673	691	712	734	756	778	801	826	851	886
Export Price (Original)	595	610	626	645	664	684	705	726	748	771	803
Product											
% Domestic sales	84%	79%	75%	71%	71%	71%	71%	71%	71%	71%	71%
% Export sales	16%	21%	25%	29%	29%	29%	29%	29%	29%	29%	29%
15 Sales revenues											
Domestic sales	136,971	140,403	144,122	148,459	152,878	157,517	162,156	167,017	172,098	177,400	184,690
Export sales	23,628	32,990	43,046	53,857	55,460	57,143	58,826	60,589	62,432	64,356	67,000
Total sale revenues	160,600	173,394	187,167	202,316	208,337	214,660	220,982	227,606	234,530	241,756	251,691
Feedstocks											
% Domestic paraxylene	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Domestic paraxylene, tons	197,838	209,475	221,113	232,750	232,750	232,750	232,750	232,750	232,750	232,750	232,750
Domestic price, \$/ton	410	417	427	439	452	464	478	491	505	520	536
Domestic paraxylene cost, '000\$	81,114	87,351	94,415	102,177	105,203	107,996	111,255	114,280	117,539	121,030	124,754
Total Paraxylene cost, '000\$	81,114	87,351	94,415	102,177	105,203	107,996	111,255	114,280	117,539	121,030	124,754
Acetic Acid	10,036	10,987	11,249	12,004	12,450	12,924	13,551	13,984	14,431	14,895	15,372
Isobutyl Acetate	614	670	730	793	819	845	872	900	929	958	989
Hydrogen	51	56	61	66	68	70	73	75	77	80	82
Sodium Hydroxide	560	612	667	724	747	771	796	821	848	875	903
Misc. Catalysts	511	559	609	661	682	704	727	750	774	799	824
TOTAL	92,886	100,235	107,731	116,425	119,969	123,310	127,274	130,810	134,598	138,637	142,924
UTILITY COSTS											
Power	5,015	5,480	5,969	6,485	6,693	6,906	7,127	7,355	7,590	7,834	8,085
Cooling water circulation	2,401	2,624	2,858	3,105	3,204	3,307	3,412	3,522	3,634	3,751	3,871
Inert gas	327	357	389	422	436	450	464	479	494	510	526
Demineralized water	985	1,077	1,173	1,274	1,315	1,357	1,400	1,445	1,491	1,539	1,589
Hot Oil (Santothem 66)	3,595	3,928	4,279	4,648	4,798	4,951	5,109	5,273	5,441	5,616	5,796
TOTAL	12,323	13,466	14,668	15,934	16,446	16,971	17,513	18,074	18,652	19,250	19,867

Labour Cost											
Number of Employee	64	64	64	64	64	64	64	64	64	64	64
AVG. Wage/year	14	15	16	17	17	18	19	20	21	22	23
Labour Cost	918	964	1,012	1,063	1,116	1,172	1,231	1,292	1,357	1,425	1,496
Maintenance Cost											
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	112,277	120,815	129,562	139,572	143,681	147,603	152,167	156,326	160,757	165,462	170,437
Plant, Property and Equipment											
ISBL	205,000	191,333	177,667	164,000	150,333	136,667	123,000	109,333	95,667	82,000	68,333
OSBL	75,000	70,000	65,000	60,000	55,000	50,000	45,000	40,000	35,000	30,000	25,000
5 Plant, Property and Equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
Depreciation											
ISBL (15 years)	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667
Royalty	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000	0
Catalyst and Chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
Amortization											
Royalty (10 years)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Catalyst and Chemical (5 years)	233	233	233	233	233	233	233	233	233	233	233
Amortization Expenses	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	233
Total depreciation and amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Long-term debt											
Long-term Loan (10 years)	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Begin to repay in 2003			22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
Short-term debt											
Overdraft and short-term loan	13,759.53	0	0	0	0	0	0	0	0	0	0
Interest Expense											
Overdraft and short-term loan (Libor apprx. 6%)	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	826	0	0	0	0	0	0	0	0	0	0
Interest on long-term debt	19,800	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Interest expense	20,626	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970

Income Tax												
Tax rate (Tax holiday 8 years and half for the next 5 years)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	15.00%	15.00%
Earning before Tax	-997	3,781	10,456	17,403	21,858	26,560	30,826	35,957	41,062	46,331	55,084	
Income Tax	0	0	0	0	0	0	0	0	6,159	6,950	8,263	
Other Income												
Interest Income	0	370	1,750	2,372	3,273	3,951	4,836	5,898	6,921	8,098	9,460	
Short-term investment and deposite at bank	0	7,392	34,993	47,448	65,462	79,024	96,723	117,958	138,422	161,968	189,194	
Interest rate (5% per annum)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	
Selling & administrative expense (5% of Sales)	8,030	8,670	9,358	10,116	10,417	10,733	11,049	11,380	11,727	12,088	12,585	
Administrative management expense												
Number of employee	30	30	30	30	30	30	30	30	30	30	30	
Avg. wages per employee (5% increase/yr)	22	23	24	25	26	28	29	31	32	34	35	
Total administrative management expense	653	686	720	756	794	833	875	919	965	1013	1064	
Cash in hand and deposite at bank												
Cash in hand	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Short-term investment and deposite at bank	0	7,392	34,993	47,448	65,462	79,024	96,723	117,958	138,422	161,968	189,194	
Total Debt	250,171	236,924	237,871	216,617	194,959	173,218	151,592	130,006	108,427	86,935	65,572	
% of Total Debt & Equities	70%	68%	66%	61%	55%	49%	43%	36%	30%	24%	17%	
Cost of Debt	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	
Total Equities	109,003	112,785	123,240	140,644	162,501	181,094	202,672	227,842	252,274	279,841	312,616	
% of Total Debt & Equities	30%	32%	34%	39%	45%	51%	57%	64%	70%	76%	83%	
Cost of Equities	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	
Total Debt & Equities	359,175	349,709	361,112	357,261	357,460	354,312	354,264	357,847	360,701	366,776	378,188	
WACC	9%	9%	9%	9%	9%	9%	9%	8%	8%	8%	8%	

Assumptions

(Selling Price Price of PTA Change)

	2012	2013	2014	2015
Production Capacity	350	350	350	350
Capacity Utilization	350	350	350	350
Utilization Rate (%)	100%	100%	100%	100%
Selling Price of PTA				
Domestic Selling Price Revised	761	784	808	833
Export Price Revised	689	710	732	754
Domestic Selling Price (Decrease by 16%)				
Export Price (Decrease by 16%)				
Domestic Selling Price (Original)	913	940	969	999
Export Price (Original)	827	852	877	904
Product				
% Domestic sales	71%	71%	71%	71%
% Export sales	29%	29%	29%	29%
15 Sales revenues				
Domestic sales	190,213	195,957	201,922	208,108
Export sales	69,004	71,088	73,252	75,496
Total sale revenues	259,218	267,045	275,174	283,604
Feedstocks				
% Domestic paraxylene	100%	100%	100%	100%
Domestic paraxylene, tons	232,750	232,750	232,750	232,750
Domestic price, \$/ton	554	571	590	608
Domestic paraxylene cost, '000\$	128,944	132,900	137,323	141,512
Total Paraxylene cost, '000\$	128,944	132,900	137,323	141,512
Acetic Acid	15,862	16,372	16,894	17,436
Isobutyl Acetate	1,021	1,054	1,087	1,122
Hydrogen	85	88	91	93
Sodium Hydroxide	932	962	992	1,024
Misc. Catalysts	851	878	906	935
TOTAL	147,695	152,254	157,293	162,122
UTILITY COSTS				
Power	8,343	8,611	8,886	9,171
Cooling water circulation	3,995	4,123	4,255	4,391
Inert gas	543	561	579	597
Demineralized water	1,639	1,692	1,746	1,802
Hot Oil (Santothem 66)	5,981	6,173	6,370	6,574
TOTAL	20,501	21,159	21,835	22,535

Labour Cost				
Number of Employee	64	64	64	64
AVG. Wage/year	25	26	27	28
Labour Cost	1,571	1,649	1,732	1,818
Maintenance Cost				
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	175,916	181,212	187,009	192,625
Plant, Property and Equipment				
ISBL	54,667	41,000	27,333	13,667
OSBL	20,000	15,000	10,000	5,000
5 Plant, Property and Equipment	74,667	56,000	37,333	18,667
Depreciation				
ISBL (15 years)	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667
Royalty				
Catalyst and Chemical	934	700	467	233
Amortization				
Royalty (10 years)	0	0	0	0
Catalyst and Chemical (5 years)	233	233	233	233
Amortization Expenses	233	233	233	233
Total depreciation and amortization expenses	18,900	18,900	18,900	18,900
Long-term debt				
Long-term Loan (10 years)	0			
Begin to repay in 2003	22,000			
Short-term debt				
Overdraft and short-term loan	0	0	0	0
Interest Expense				
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan				
Interest on long-term debt	990	0	0	0
Interest expense	990	0	0	0

Income Tax				
Tax rate (Tax holiday 8 years and half for the next 5 years)	15.00%	15.00%	30.00%	30.00%
Earning before Tax	60,270	65,073	69,529	74,571
Income Tax	9,041	9,761	20,859	22,371
Other Income				
Interest Income	11,048	12,776	15,366	18,076
Short-term investment and deposite at bank	220,954	255,520	307,311	361,522
Interest rate (5% per annum)	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	12,961	13,352	13,759	14,180
Administrative management expense				
Number of employee	30	30	30	30
Avg. wages per employee (5% increase/yr)	37	39	41	43
Total administrative management expense	1117	1173	1231	1293
Cash in hand and deposite at bank				
Cash in hand	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	220,954	255,520	307,311	361,522
Total Debt	44,315	23,100	24,282	25,498
% of Total Debt & Equities	11%	6%	5%	5%
Cost of Debt	10%	10%	10%	10%
Total Equities	348,477	387,195	421,264	457,804
% of Total Debt & Equities	89%	94%	95%	95%
Cost of Equities	8%	8%	8%	8%
Total Debt & Equities	392,791	410,295	445,546	483,302
WACC	8%	8%	8%	8%

Balance Sheet (Unit in Thousand USD)
(para-Xylene Price Change)

<i>Assets</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
Current Assets											
1 Cash in hand and deposit at bank	40,000	43,338	70,750	82,955	100,959	114,574	132,319	153,689	174,298	198,030	225,682
2 Account receivable	23,741	25,632	27,668	29,908	30,798	31,733	32,667	33,646	34,670	35,738	37,207
3 Inventory	11,702	12,594	13,528	14,587	15,017	15,425	15,899	16,334	16,797	17,290	17,813
4 Other current assets (0.5% of Total assets)	1,829	1,763	1,822	1,805	1,807	1,793	1,794	1,814	1,830	1,863	1,924
Total current assets	77,271	83,327	113,768	129,254	148,581	163,524	182,680	205,482	227,596	252,921	282,626
5 Plant, property and equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
6 Catalyst and chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
7 Other assets (2% of Total assets)	7,315	7,053	7,288	7,219	7,228	7,171	7,176	7,255	7,321	7,452	7,696
Total assets	365,753	352,647	364,424	360,940	361,375	358,529	358,789	362,771	366,050	372,607	384,822
Liabilities and Equities											
Current Liabilities											
8 Overdraft and short-term loan	17,695	0	0	0	0	0	0	0	0	0	0
9 Account payable	11,702	12,594	13,528	14,587	15,017	15,425	15,899	16,334	16,797	17,290	17,813
10 Current portion of long-term	0	0	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
11 Other current liabilities (2% of total assets)	7,315	7,053	7,288	7,219	7,228	7,171	7,176	7,255	7,321	7,452	7,696
Total current liabilities	36,711	19,647	42,816	43,806	44,245	44,595	45,075	45,589	46,118	46,742	47,509
Long-term Liabilities											
12 Long-term debt	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Total liabilities	256,711	239,647	240,816	219,806	198,245	176,595	155,075	133,589	112,118	90,742	69,509
Shareholders' Equities											
13 Registered capital	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
14 Retained earnings	958	3,000	13,607	31,134	53,130	70,590	90,815	114,464	132,932	160,864	194,313
15 Legal reserve	0	0	0	0	0	1,343	2,899	4,718	11,000	11,000	11,000
Total Shareholders' Equities	109,042	113,000	123,607	141,134	163,130	181,933	203,714	229,182	253,932	281,864	315,313
Total Liabilities & Shareholders' Equities	365,753	352,647	364,424	360,940	361,375	358,529	358,789	362,771	366,050	372,607	384,822
Total Assets exclude Cash in hand	365,753	309,309	293,674	277,985	260,416	243,954	226,470	209,083	191,752	174,577	159,140
Total Liabilities & Shareholders' Equities exclude	348,059	352,647	364,424	360,940	361,375	358,529	358,789	362,771	366,050	372,607	384,822
Difference	17,695	(43,338)	(70,750)	(82,955)	(100,959)	(114,574)	(132,319)	(153,689)	(174,298)	(198,030)	(225,682)

Balance Sheet (Unit in Thousand USD)
(para-Xylene Price Change)

<i>Assets</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
<u>Current Assets</u>				
1 Cash in hand and deposit at bank	257,862	292,860	344,922	399,424
2 Account receivable	38,319	39,476	40,678	41,924
3 Inventory	18,391	18,947	19,558	20,147
4 Other current assets (0.5% of Total assets)	2,001	2,092	2,272	2,464
Total current assets	316,573	353,376	407,430	463,959
5 Plant, property and equipment	74,667	56,000	37,333	18,667
6 Catalyst and chemical	934	700	467	233
7 Other assets (2% of Total assets)	8,004	8,369	9,086	9,854
Total assets	400,177	418,445	454,317	492,713
<i>Liabilities and Equities</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
<u>Current Liabilities</u>				
8 Overdraft and short-term loan	0	0	0	0
9 Account payable	18,391	18,947	19,558	20,147
10 Current portion of long-term	22,000	0	0	0
11 Other current liabilities (2% of total assets)	8,004	8,369	9,086	9,854
Total current liabilities	48,394	27,316	28,644	30,002
<u>Long-term Liabilities</u>				
12 Long-term debt	0	0	0	0
Total liabilities	48,394	27,316	28,644	30,002
<u>Shareholders' Equities</u>				
13 Registered capital	110,000	110,000	110,000	110,000
14 Retained earnings	230,783	270,129	304,672	341,712
15 Legal reserve	11,000	11,000	11,000	11,000
Total Shareholders' Equities	351,783	391,129	425,672	462,712
Total Liabilities & Shareholders' Equities	400,177	418,445	454,317	492,713
Total Assets exclude Cash in hand	142,315	125,585	109,394	93,290
Total Liabilities & Shareholders' Equities exclude	400,177	418,445	454,317	492,713
Difference	(257,862)	(292,860)	(344,922)	(399,424)

(para-Xylene Price Change)
Income Statement (Unit in Thousand USD)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales											
16 Sale revenues	192,566	207,906	224,421	242,585	249,805	257,386	264,967	272,908	281,211	289,875	301,788
17 Other income	0	167	1,537	2,148	3,048	3,729	4,616	5,684	6,715	7,901	9,284
Total revenues	192,566	208,073	225,959	244,733	252,853	261,115	269,583	278,593	287,926	297,776	311,072
Expenses											
18 Cost of goods sold	142,370	153,223	164,589	177,480	182,712	187,670	193,443	198,724	204,363	210,364	216,721
Land lease	111	111	111	111	111	111	111	111	111	111	111
19 Depreciation & amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Administrative management expense	653	686	720	756	794	833	875	919	965	1,013	1,064
20 Selling administrative expense	9,628	10,395	11,221	12,129	12,490	12,869	13,248	13,645	14,061	14,494	15,089
Earning before interest and tax	19,904	23,758	29,417	34,357	36,846	39,731	42,006	45,293	48,526	51,895	59,187
21 Interest expense	20,862	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Earnings before tax	-958	3,958	10,607	17,527	21,996	26,861	31,116	36,383	41,596	46,945	56,217
22 Income tax	0	0	0	0	0	0	0	0	6,239	7,042	8,433
Net earnings	-958	3,958	10,607	17,527	21,996	26,861	31,116	36,383	35,357	39,903	47,784
Retaining Earnings											
Beginning of year	0	-958	3,000	13,607	31,134	53,130	70,590	90,815	114,464	132,932	160,864
Net earnings	-958	3,958	10,607	17,527	21,996	26,861	31,116	36,383	35,357	39,903	47,784
Dividends	0	0	0	0	0	(8,058)	(9,335)	(10,915)	(10,607)	(11,971)	(14,335)
Legal reserve	0	0	0	0	0	(1,343)	(1,556)	(1,819)	(6,282)	0	0
End-of-year	-958	3,000	13,607	31,134	53,130	70,590	90,815	114,464	132,932	160,864	194,313
Accumulate legal reserve	0	0	0	0	0	(1,343)	(2,899)	(4,718)	(11,000)	(11,000)	(11,000)

(para-Xylene Price Change)

Income Statement (Unit in Thousand USD)

	2012	2013	2014	2015
Sales				
16 Sale revenues	310,812	320,198	329,945	340,053
17 Other income	10,893	12,643	15,246	17,971
Total revenues	321,705	332,841	345,191	358,024
Expenses				
18 Cost of goods sold	223,754	230,518	237,956	245,126
Land lease	111	111	111	111
19 Depreciation & amortization expenses	18,900	18,900	18,900	18,900
Administrative management expense	1,117	1,173	1,231	1,293
20 Selling administrative expense	15,541	16,010	16,497	17,003
Earning before interest and tax	62,283	66,129	70,496	75,591
21 Interest expense	990	0	0	0
Earnings before tax	61,293	66,129	70,496	75,591
22 Income tax	9,194	9,919	21,149	22,677
Net earnings	52,099	56,210	49,347	52,914
Retaining Earnings				
Beginning of year	194,313	230,783	270,129	304,672
Net earnings	52,099	56,210	49,347	52,914
Dividends	(15,630)	(16,863)	(14,804)	(15,874)
Legal reserve	0	0	0	0
End-of-year	230,783	270,129	304,672	341,712
Accumulate legal reserve	(11,000)	(11,000)	(11,000)	(11,000)

(para-Xylene Price Change)

Statement of Cash Flows (Unit in Thousand USD)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cash flows from Operating activities									
Net Earnings	958	3,958	10,607	17,527	21,996	26,861	31,116	36,383	35,357
Adjustments to reconcile net income to net cash provided from (used by) operating activities									
Depreciation and amortization	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900
Provision for bad debts	0	0	0	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	0	66	(59)	17	(2)	14	(1)	(20)	(16)
Cash provided from operating activities before changes in current accounts	18,942	23,924	30,448	37,444	41,894	46,776	51,014	56,263	55,241
(Increase) decrease in current assets/liabilities									
Accounts receivable	0	(1,891)	(2,036)	(2,239)	(890)	(935)	(935)	(979)	(1,024)
Inventories	0	(892)	(934)	(1,060)	(430)	(408)	(474)	(434)	(463)
Accounts payable	0	(892)	(934)	(1,060)	(430)	(408)	(474)	(434)	(463)
Accrued liabilities	0	0	0	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	0	(3,675)	(3,905)	(4,358)	(1,750)	(1,750)	(1,884)	(1,847)	(1,951)
Net cash provided from (used by) operating activities	18,942	20,249	26,544	33,086	40,144	45,026	49,131	54,416	53,290
Cash Flows from Operating activities	18,942	20,249	26,544	33,086	40,144	45,026	49,131	54,416	53,290
Year	1	2	3	4	5	6	7	8	9
DCR (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%
(1+DCR)^n	1	1	1	1	2	2	2	2	2
CFO/(1+DCR)^n	17,220	16,734	19,943	22,598	24,926	25,416	25,212	25,385	22,600
Accumulate CFO/(1+DCR)^n	17,220	33,954	53,897	76,495	101,421	126,837	152,049	177,435	200,035
Sum of CFO/(1+DCR)^n	321,556								
NPV	321,556								

(para-Xylene Price Change)**Statement of Cash Flows (Unit in Thousand USD)**

	2010	2011	2012	2013	2014	2015
Cash flows from Operating activities						
Net Earnings	39,903	47,784	52,099	56,210	49,347	52,914
Adjustments to reconcile net income to net cash provided from (used by) operating activities						
Depreciation and amortization	19,900	18,900	18,900	18,900	18,900	18,900
Provision for bad debts	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	(33)	(61)	(77)	(91)	(179)	(192)
Cash provided from operating activities before changes in current accounts	59,770	66,623	70,922	75,018	68,068	71,622
(Increase) decrease in current assets/liabilities						
Accounts receivable	(1,068)	(1,469)	(1,113)	(1,157)	(1,202)	(1,246)
Inventories	(493)	(522)	(578)	(556)	(611)	(589)
Accounts payable	(493)	(522)	(578)	(556)	(611)	(589)
Accrued liabilities	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	(2,054)	(2,514)	(2,269)	(2,269)	(2,424)	(2,425)
Net cash provided from (used by) operating activities	57,716	64,110	68,653	72,749	65,643	69,197
Cash Flows from Operating activities	57,716	64,110	68,653	72,749	65,643	69,197
Year	10	11	12	13	14	15
DCR (%)	10%	10%	10%	10%	10%	10%
(1+DCR) ⁿ	3	3	3	3	4	4
CFO/(1+DCR) ⁿ	22,252	22,470	21,875	21,073	17,286	16,565
Accumulate CFO/(1+DCR) ⁿ	222,287	244,757	266,632	287,705	304,991	321,556
Sum of CFO/(1+DCR) ⁿ						
NPV						

Assumptions (para-Xylene Price Change)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production Capacity	350	350	350	350	350	350	350	350	350	350	350
Capacity Utilization	298	315	333	350	350	350	350	350	350	350	350
Utilization Rate (%)	85%	90%	95%	100%	100%	100%	100%	100%	100%	100%	100%
Selling Price of PTA											
Domestic Selling Price	657	673	691	712	734	756	778	801	826	851	886
Export Price	595	610	626	645	664	684	705	726	748	771	803
Product											
% Domestic sales	84%	79%	75%	71%	71%	71%	71%	71%	71%	71%	71%
% Export sales	16%	21%	25%	29%	29%	29%	29%	29%	29%	29%	29%
15 Sales revenues											
Domestic sales	164,234	168,349	172,808	178,009	183,307	188,869	194,432	200,260	206,352	212,710	221,451
Export sales	28,332	39,557	51,613	64,577	66,498	68,516	70,534	72,649	74,859	77,165	80,336
Total sale revenues	192,566	207,906	224,421	242,585	249,805	257,386	264,967	272,908	281,211	289,875	301,788
Feedstocks											
% Domestic paraxylene	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Domestic paraxylene, tons	197,838	209,475	221,113	232,750	232,750	232,750	232,750	232,750	232,750	232,750	232,750
Domestic price, \$/ton Revised	562	572	585	602	620	636	655	673	692	713	735
Domestic paraxylene price, \$/tons (Increase by 37.1%)	37%										
Domestic price, \$/ton (Original)	410	417	427	439	452	464	478	491	505	520	536
Domestic paraxylene cost, '000\$	111,206	119,758	129,443	140,085	144,233	148,063	152,530	156,678	161,146	165,932	171,038
Total Paraxylene cost, '000\$	111,206	119,758	129,443	140,085	144,233	148,063	152,530	156,678	161,146	165,932	171,038
Acetic Acid	10,036	10,987	11,249	12,004	12,450	12,924	13,551	13,984	14,431	14,895	15,372
Isobutyl Acetate	614	670	730	793	819	845	872	900	929	958	989
Hydrogen	51	56	61	66	68	70	73	75	77	80	82
Sodium Hydroxide	560	612	667	724	747	771	796	821	848	875	903
Misc. Catalysts	511	559	609	661	682	704	727	750	774	799	824
TOTAL	122,978	132,642	142,759	154,333	158,999	163,377	168,549	173,208	178,205	183,539	189,208
UTILITY COSTS											
Power	5,015	5,480	5,969	6,485	6,693	6,906	7,127	7,355	7,590	7,834	8,085
Cooling water circulation	2,401	2,624	2,858	3,105	3,204	3,307	3,412	3,522	3,634	3,751	3,871
Inert gas	327	357	389	422	436	450	464	479	494	510	526
Demineralized water	985	1,077	1,173	1,274	1,315	1,357	1,400	1,445	1,491	1,539	1,589
Hot Oil (Santotherm 66)	3,595	3,928	4,279	4,648	4,798	4,951	5,109	5,273	5,441	5,616	5,796
TOTAL	12,323	13,466	14,668	15,934	16,446	16,971	17,513	18,074	18,652	19,250	19,867

Labour Cost											
Number of Employee	64	64	64	64	64	64	64	64	64	64	64
AVG. Wage/year	14	15	16	17	17	18	19	20	21	22	23
Labour Cost	918	964	1,012	1,063	1,116	1,172	1,231	1,292	1,357	1,425	1,496
Maintenance Cost											
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	142,370	153,223	164,589	177,480	182,712	187,670	193,443	198,724	204,363	210,364	216,721
Plant, Property and Equipment											
ISBL	205,000	191,333	177,667	164,000	150,333	136,667	123,000	109,333	95,667	82,000	68,333
OSBL	75,000	70,000	65,000	60,000	55,000	50,000	45,000	40,000	35,000	30,000	25,000
5 Plant, Property and Equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
Depreciation											
ISBL (15 years)	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667
Royalty	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000	0
Catalyst and Chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
Amortization											
Royalty (10 years)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Catalyst and Chemical (5 years)	233	233	233	233	233	233	233	233	233	233	233
Amortization Expenses	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	233
Total depreciation and amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Long-term debt											
Long-term Loan (10 years)	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Begin to repay in 2003			22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
Short-term debt											
Overdraft and short-term loan	17,694.77	0	0	0	0	0	0	0	0	0	0
Interest Expense											
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	1,062	0	0	0	0	0	0	0	0	0	0
Interest on long-term debt	19,800	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Interest expense	20,862	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Income Tax											
Tax rate (Tax holiday 8 years and half for the next 5 years)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	15.00%	15.00%
Earning before Tax	-958	3,958	10,607	17,527	21,996	26,861	31,116	36,383	41,596	46,945	56,217
Income Tax	0	0	0	0	0	0	0	0	6,239	7,042	8,433

Other Income											
Interest Income	0	167	1,537	2,148	3,048	3,729	4,616	5,684	6,715	7,901	9,284
Short-term investment and deposite at bank	0	3,338	30,750	42,955	60,959	74,574	92,319	113,689	134,298	158,030	185,682
Interest rate (5% per annum)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	9,628	10,395	11,221	12,129	12,490	12,869	13,248	13,645	14,061	14,494	15,089
Administrative management expense											
Number of employee	30	30	30	30	30	30	30	30	30	30	30
Avg. wages per employee (5% increase/yr)	22	23	24	25	26	28	29	31	32	34	35
Total administrative management expense	653	686	720	756	794	833	875	919	965	1013	1064
Cash in hand and deposite at bank											
Cash in hand	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	0	3,338	30,750	42,955	60,959	74,574	92,319	113,689	134,298	158,030	185,682
Total Debt	256,711	239,647	240,816	219,806	198,245	176,595	155,075	133,589	112,118	90,742	69,509
% of Total Debt & Equities	70%	68%	66%	61%	55%	49%	43%	37%	31%	24%	18%
Cost of Debt	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Total Equities	109,042	113,000	123,607	141,134	163,130	181,933	203,714	229,182	253,932	281,864	315,313
% of Total Debt & Equities	30%	32%	34%	39%	45%	51%	57%	63%	69%	76%	82%
Cost of Equities	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Total Debt & Equities	365,753	352,647	364,424	360,940	361,375	358,529	358,789	362,771	366,050	372,607	384,822
WACC	9%	9%	9%	9%	9%	9%	9%	8%	8%	8%	8%

Assumptions (para-Xylene Price Change)

	2012	2013	2014	2015
Production Capacity	350	350	350	350
Capacity Utilization	350	350	350	350
Utilization Rate (%)	100%	100%	100%	100%
Selling Price of PTA				
Domestic Selling Price	913	940	969	999
Export Price	827	852	877	904
Product				
% Domestic sales	71%	71%	71%	71%
% Export sales	29%	29%	29%	29%
15 Sales revenues				
Domestic sales	228,074	234,961	242,113	249,530
Export sales	82,739	85,237	87,832	90,522
Total sale revenues	310,812	320,198	329,945	340,053
Feedstocks				
% Domestic paraxylene	100%	100%	100%	100%
Domestic paraxylene, tons	232,750	232,750	232,750	232,750
Domestic price, \$/ton Revised	760	783	809	834
Domestic paraxylene price, \$/tons (Increase by 37.1%)				
Domestic price, \$/ton (Original)	554	571	590	608
Domestic paraxylene cost, '000\$	176,782	182,206	188,269	194,013
Total Paraxylene cost, '000\$	176,782	182,206	188,269	194,013
Acetic Acid	15,862	16,372	16,894	17,436
Isobutyl Acetate	1,021	1,054	1,087	1,122
Hydrogen	85	88	91	93
Sodium Hydroxide	932	962	992	1,024
Misc. Catalysts	851	878	906	935
TOTAL	195,533	201,560	208,239	214,623
UTILITY COSTS				
Power	8,343	8,611	8,886	9,171
Cooling water circulation	3,995	4,123	4,255	4,391
Inert gas	543	561	579	597
Demineralized water	1,639	1,692	1,746	1,802
Hot Oil (Santotherm 66)	5,981	6,173	6,370	6,574
TOTAL	20,501	21,159	21,835	22,535

Labour Cost				
Number of Employee	64	64	64	64
AVG. Wage/year	25	26	27	28
Labour Cost	1,571	1,649	1,732	1,818
Maintenance Cost				
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	223,754	230,518	237,956	245,126
Plant, Property and Equipment				
ISBL	54,667	41,000	27,333	13,667
OSBL	20,000	15,000	10,000	5,000
5 Plant, Property and Equipment	74,667	56,000	37,333	18,667
Depreciation				
ISBL (15 years)	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667
Royalty	0	0	0	0
Catalyst and Chemical	934	700	467	233
Amortization				
Royalty (10 years)	0	0	0	0
Catalyst and Chemical (5 years)	233	233	233	233
Amortization Expenses	233	233	233	233
Total depreciation and amortization expenses	18,900	18,900	18,900	18,900
Long-term debt				
Long-term Loan (10 years)	0			
Begin to repay in 2003	22,000			
Short-term debt				
Overdraft and short-term loan	0	0	0	0
Interest Expense				
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	0	0	0	0
Interest on long-term debt	990	0	0	0
Interest expense	990	0	0	0
Income Tax				
Tax rate (Tax holiday 8 years and half for the next 5 years)	15.00%	15.00%	30.00%	30.00%
Earning before Tax	61,293	66,129	70,496	75,591
Income Tax	9,194	9,919	21,149	22,677

Other Income				
Interest Income	10,893	12,643	15,246	17,971
Short-term investment and deposite at bank	217,862	252,860	304,922	359,424
Interest rate (5% per annum)	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	15,541	16,010	16,497	17,003
Administrative management expense				
Number of employee	30	30	30	30
Avg. wages per employee (5% increase/yr)	37	39	41	43
Total administrative management expense	1117	1173	1231	1293
Cash in hand and deposite at bank				
Cash in hand	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	217,862	252,860	304,922	359,424
Total Debt	48,394	27,316	28,644	30,002
% of Total Debt & Equities	12%	7%	6%	6%
Cost of Debt	10%	10%	10%	10%
Total Equities	351,783	391,129	425,672	462,712
% of Total Debt & Equities	88%	93%	94%	94%
Cost of Equities	8%	8%	8%	8%
Total Debt & Equities	400,177	418,445	454,317	492,713
WACC	8%	8%	8%	8%

Balance Sheet (Unit in Thousand USD)
(Utilization Rate Decrease)

<i>Assets</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
<u>Current Assets</u>											
1 Cash in hand and deposit at bank	40,000	65,990	95,946	107,010	122,238	133,660	149,169	167,943	186,160	207,276	231,523
2 Account receivable	15,083	15,379	15,727	16,150	16,631	17,136	17,640	18,169	18,722	19,299	20,092
3 Inventory	5,647	5,825	5,998	6,218	6,396	6,568	6,766	6,949	7,143	7,348	7,564
4 Other current assets (0.5% of Total assets)	1,753	1,792	1,851	1,815	1,799	1,770	1,756	1,759	1,760	1,775	1,814
Total current assets	62,483	88,986	119,524	131,193	147,063	159,134	175,332	194,821	213,785	235,698	260,992
5 Plant, property and equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
6 Catalyst and chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
7 Other assets (2% of Total assets)	7,013	7,168	7,406	7,258	7,197	7,081	7,026	7,038	7,039	7,101	7,255
Total assets	350,663	358,421	370,296	362,918	359,827	354,049	351,292	351,892	351,957	355,032	362,747
<u>Liabilities and Equities</u>											
<u>Current Liabilities</u>											
8 Overdraft and short-term loan	1,019	0	0	0	0	0	0	0	0	0	0
9 Account payable	5,647	5,825	5,998	6,218	6,396	6,568	6,766	6,949	7,143	7,348	7,564
10 Current portion of long-term	0	0	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
11 Other current liabilities (2% of total assets)	7,013	7,168	7,406	7,258	7,197	7,081	7,026	7,038	7,039	7,101	7,255
Total current liabilities	13,679	12,993	35,404	35,476	35,592	35,649	35,792	35,987	36,182	36,449	36,819
<u>Long-term Liabilities</u>											
12 Long-term debt	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Total liabilities	233,679	232,993	233,404	211,476	189,592	167,649	145,792	123,987	102,182	80,449	58,819
<u>Shareholders' Equities</u>											
13 Registered capital	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
14 Retained earnings	6,984	15,428	26,892	41,442	60,234	75,245	92,981	113,786	128,775	153,583	182,928
15 Legal reserve	0	0	0	0	0	1,155	2,519	4,119	11,000	11,000	11,000
Total Shareholders' Equities	116,984	125,428	136,892	151,442	170,234	186,400	205,499	227,905	249,775	274,583	303,928
Total Liabilities & Shareholders' Equities	350,663	358,421	370,296	362,918	359,827	354,049	351,292	351,892	351,957	355,032	362,747
Total Assets exclude Cash in hand	350,663	292,431	274,350	255,908	237,589	220,389	202,123	183,949	165,797	147,756	131,225
Total Liabilities & Shareholders' Equities exclude	349,645	358,421	370,296	362,918	359,827	354,049	351,292	351,892	351,957	355,032	362,747
Difference	1,019	(65,990)	(95,946)	(107,010)	(122,238)	(133,660)	(149,169)	(167,943)	(186,160)	(207,276)	(231,523)

Balance Sheet (Unit in Thousand USD)
(Utilization Rate Decrease)

<i>Assets</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
Current Assets				
1 Cash in hand and deposit at bank	260,167	291,457	340,584	391,990
2 Account receivable	20,692	21,317	21,966	22,639
3 Inventory	7,799	8,029	8,278	8,522
4 Other current assets (0.5% of Total assets)	1,868	1,936	2,096	2,267
Total current assets	290,526	322,739	372,924	425,417
5 Plant, property and equipment	74,667	56,000	37,333	18,667
6 Catalyst and chemical	934	700	467	233
7 Other assets (2% of Total assets)	7,472	7,744	8,382	9,068
Total assets	373,599	387,183	419,106	453,385
Liabilities and Equities				
Current Liabilities				
8 Overdraft and short-term loan	0	0	0	0
9 Account payable	7,799	8,029	8,278	8,522
10 Current portion of long-term	22,000	0	0	0
11 Other current liabilities (2% of total assets)	7,472	7,744	8,382	9,068
Total current liabilities	37,271	15,773	16,660	17,590
Long-term Liabilities				
12 Long-term debt	0	0	0	0
Total liabilities	37,271	15,773	16,660	17,590
Shareholders' Equities				
13 Registered capital	110,000	110,000	110,000	110,000
14 Retained earnings	215,328	250,410	281,446	314,796
15 Legal reserve	11,000	11,000	11,000	11,000
Total Shareholders' Equities	336,328	371,410	402,446	435,796
Total Liabilities & Shareholders' Equities	373,599	387,183	419,106	453,385
Total Assets exclude Cash in hand	113,431	95,726	78,522	61,396
Total Liabilities & Shareholders' Equities exclude	373,599	387,183	419,106	453,385
Difference	(260,167)	(291,457)	(340,584)	(391,990)

Income Statement (Unit in Thousand USD)
(Utilization Rate Decrease)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales											
16 Sale revenues	122,336	124,744	127,566	130,996	134,895	138,988	143,082	147,371	151,854	156,532	162,965
17 Other income	0	1,299	2,797	3,350	4,112	4,683	5,458	6,397	7,308	8,364	9,576
Total revenues	122,336	126,043	130,363	134,347	139,007	143,671	148,540	153,768	159,162	164,896	172,541
Expenses											
18 Cost of goods sold	68,710	70,865	72,980	75,650	77,814	79,914	82,325	84,551	86,907	89,401	92,029
Land lease	111	111	111	111	111	111	111	111	111	111	111
19 Depreciation & amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Administrative management expense	653	686	720	756	794	833	875	919	965	1,013	1,064
20 Selling administrative expense	6,117	6,237	6,378	6,550	6,745	6,949	7,154	7,369	7,593	7,827	8,148
Earning before interest and tax	26,845	28,244	30,274	31,380	33,643	35,963	38,176	40,918	43,686	46,645	52,289
21 Interest expense	19,861	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Earnings before tax	6,984	8,444	11,464	14,550	18,793	23,093	27,286	32,008	36,756	41,695	49,319
22 Income tax	0	0	0	0	0	0	0	0	5,513	6,254	7,398
Net earnings	6,984	8,444	11,464	14,550	18,793	23,093	27,286	32,008	31,243	35,441	41,921
Retaining Earnings											
Beginning of year	0	6,984	15,428	26,892	41,442	60,234	75,245	92,981	113,786	128,775	153,583
Net earnings	6,984	8,444	11,464	14,550	18,793	23,093	27,286	32,008	31,243	35,441	41,921
Dividends	0	0	0	0	0	(6,928)	(8,186)	(9,602)	(9,373)	(10,632)	(12,576)
Legal reserve	0	0	0	0	0	(1,155)	(1,364)	(1,600)	(6,881)	0	0
End-of-year	6,984	15,428	26,892	41,442	60,234	75,245	92,981	113,786	128,775	153,583	182,928
Accumulate legal reserve	0	0	0	0	0	(1,155)	(2,519)	(4,119)	(11,000)	(11,000)	(11,000)

Income Statement (Unit in Thousand USD)
(Utilization Rate Decrease)

	2012	2013	2014	2015
Sales				
16 Sale revenues	167,839	172,907	178,170	183,628
17 Other income	11,008	12,573	15,029	17,599
Total revenues	178,847	185,480	193,199	201,228
Expenses				
18 Cost of goods sold	94,884	97,689	100,710	103,682
Land lease	111	111	111	111
19 Depreciation & amortization expenses	18,900	18,900	18,900	18,900
Administrative management expense	1,117	1,173	1,231	1,293
20 Selling administrative expense	8,392	8,645	8,909	9,181
Earning before interest and tax	55,443	58,962	63,338	68,060
21 Interest expense	990	0	0	0
Earnings before tax	54,453	58,962	63,338	68,060
22 Income tax	8,168	8,844	19,002	20,418
Net earnings	46,285	50,118	44,337	47,642
Retaining Earnings				
Beginning of year	182,928	215,328	250,410	281,446
Net earnings	46,285	50,118	44,337	47,642
Dividends	(13,886)	(15,035)	(13,301)	(14,293)
Legal reserve	0	0	0	0
End-of-year	215,328	250,410	281,446	314,796
Accumulate legal reserve	(11,000)	(11,000)	(11,000)	(11,000)

Statement of Cash Flows (Unit in Thousand USD)
(Utilization Rate Decrease)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cash flows from Operating activities									
Net Earnings	6,984	8,444	11,464	14,550	18,793	23,093	27,286	32,008	31,243
Adjustments to reconcile net income to net cash provided from (used by) operating activities									
Depreciation and amortization	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900
Provision for bad debts	0	0	0	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	0	(39)	(59)	37	15	29	14	(3)	(0)
Cash provided from operating activities before changes in current accounts	26,884	28,305	31,305	34,486	38,708	43,022	47,199	51,905	51,142
(Increase) decrease in current assets/liabilities									
Accounts receivable	0	(297)	(348)	(423)	(481)	(505)	(505)	(529)	(553)
Inventories	0	(177)	(174)	(219)	(178)	(173)	(198)	(183)	(194)
Accounts payable	0	(177)	(174)	(219)	(178)	(173)	(198)	(183)	(194)
Accrued liabilities	0	0	0	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	0	(651)	(696)	(862)	(836)	(850)	(901)	(895)	(940)
Net cash provided from (used by) operating activities	26,884	27,654	30,609	33,625	37,872	42,172	46,299	51,010	50,202
Cash Flows from Operating activities	26,884	27,654	30,609	33,625	37,872	42,172	46,299	51,010	50,202
Year	1	2	3	4	5	6	7	8	9
DCR (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%
(1+DCR)^n	1	1	1	1	2	2	2	2	2
CFO/(1+DCR)^n	24,440	22,855	22,997	22,966	23,515	23,805	23,759	23,797	21,291
Accumulate CFO/(1+DCR)^n	24,440	47,295	70,292	93,258	116,773	140,578	164,337	188,134	209,424
Sum of CFO/(1+DCR)^n	323,238								
NPV	323,238								

Statement of Cash Flows (Unit in Thousand USD)
(Utilization Rate Decrease)

	2010	2011	2012	2013	2014	2015
Cash flows from Operating activities						
Net Earnings	35,441	41,921	46,285	50,118	44,337	47,642
Adjustments to reconcile net income to net cash provided from (used by) operating activities						
Depreciation and amortization	19,900	18,900	18,900	18,900	18,900	18,900
Provision for bad debts	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	(15)	(39)	(54)	(68)	(160)	(171)
Cash provided from operating activities before changes in current accounts	55,325	60,783	65,131	68,950	63,077	66,371
(Increase) decrease in current assets/liabilities						
Accounts receivable	(577)	(793)	(601)	(625)	(649)	(673)
Inventories	(205)	(216)	(235)	(231)	(248)	(244)
Accounts payable	(205)	(216)	(235)	(231)	(248)	(244)
Accrued liabilities	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	(987)	(1,225)	(1,070)	(1,086)	(1,146)	(1,162)
Net cash provided from (used by) operating activities	54,339	59,558	64,061	67,864	61,932	65,209
Cash Flows from Operating activities	54,339	59,558	64,061	67,864	61,932	65,209
Year	10	11	12	13	14	15
DCR (%)	10%	10%	10%	10%	10%	10%
(1+DCR)^n	3	3	3	3	4	4
CFO/(1+DCR)^n	20,950	20,875	20,412	19,658	16,309	15,611
Accumulate CFO/(1+DCR)^n	230,374	251,249	271,661	291,318	307,627	323,238
Sum of CFO/(1+DCR)^n						
NPV						

Assumptions

(Utilization Rate Decrease)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production Capacity	350	350	350	350	350	350	350	350	350	350	350
Capacity Utilization	189	189	189	189	189	189	189	189	189	189	189
Utilization Rate (%)	54%	54%	54%	54%	54%	54%	54%	54%	54%	54%	54%
Assume constant 63.1% over the life of project	54%										
Selling Price of PTA											
Domestic Selling Price	657	673	691	712	734	756	778	801	826	851	886
Export Price	595	610	626	645	664	684	705	726	748	771	803
Product											
% Domestic sales	84%	79%	75%	71%	71%	71%	71%	71%	71%	71%	71%
% Export sales	16%	21%	25%	29%	29%	29%	29%	29%	29%	29%	29%
15 Sales revenues											
Domestic sales	104,337	101,009	98,228	96,125	98,986	101,989	104,993	108,140	111,430	114,863	119,584
Export sales	17,999	23,734	29,338	34,871	35,909	36,999	38,089	39,230	40,424	41,669	43,382
Total sale revenues	122,336	124,744	127,566	130,996	134,895	138,988	143,082	147,371	151,854	156,532	162,965
Feedstocks											
% Domestic paraxylene	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Domestic paraxylene, tons	197,838	209,475	221,113	232,750	232,750	232,750	232,750	232,750	232,750	232,750	232,750
Domestic price, \$/ton	410	417	427	439	452	464	478	491	505	520	536
Domestic paraxylene cost, '000\$	41,845	42,559	43,580	44,804	46,131	47,356	48,785	50,111	51,540	53,071	54,704
Acetic Acid	562	581	564	572	593	615	645	666	687	709	732
Isobutyl Acetate	1,719	1,774	1,830	1,889	1,950	2,012	2,076	2,143	2,211	2,282	2,355
Hydrogen	573	591	610	630	650	671	692	714	737	761	785
Sodium Hydroxide	362	374	386	398	411	424	437	451	466	481	496
Misc. Catalysts	1,719	1,774	1,830	1,889	1,950	2,012	2,076	2,143	2,211	2,282	2,355
	325	335	346	357	369	380	392	405	418	431	445
Total Paraxylene cost, '000\$	41,845	42,559	43,580	44,804	46,131	47,356	48,785	50,111	51,540	53,071	54,704
Acetic Acid	6,371	6,587	6,395	6,486	6,719	6,974	7,314	7,549	7,789	8,040	8,301
Isobutyl Acetate	390	402	415	428	442	456	471	486	501	518	534
Hydrogen	32	34	35	36	37	38	39	40	42	43	45
Sodium Hydroxide	356	368	379	391	404	417	429	443	458	473	487
Misc. Catalysts	325	335	346	357	369	380	392	405	418	431	445
TOTAL	49,318	50,285	51,149	52,503	54,102	55,621	57,431	59,035	60,749	62,576	64,516

UTILITY COSTS											
Power	5,015	5,480	5,969	6,485	6,693	6,906	7,127	7,355	7,590	7,834	8,085
Cooling water circulation	2,401	2,624	2,858	3,105	3,204	3,307	3,412	3,522	3,634	3,751	3,871
Inert gas	327	357	389	422	436	450	464	479	494	510	526
Demineralized water	985	1,077	1,173	1,274	1,315	1,357	1,400	1,445	1,491	1,539	1,589
Hot Oil (Santothem 66)	3,595	3,928	4,279	4,648	4,798	4,951	5,109	5,273	5,441	5,616	5,796
TOTAL	12,323	13,466	14,668	15,934	16,446	16,971	17,513	18,074	18,652	19,250	19,867
Labour Cost											
Number of Employee	64	64	64	64	64	64	64	64	64	64	64
AVG. Wage/year	14	15	16	17	17	18	19	20	21	22	23
Labour Cost	918	964	1,012	1,063	1,116	1,172	1,231	1,292	1,357	1,425	1,496
Maintenance Cost											
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	68,710	70,865	72,980	75,650	77,814	79,914	82,325	84,551	86,907	89,401	92,029
Plant, Property and Equipment											
ISBL	205,000	191,333	177,667	164,000	150,333	136,667	123,000	109,333	95,667	82,000	68,333
OSBL	75,000	70,000	65,000	60,000	55,000	50,000	45,000	40,000	35,000	30,000	25,000
5 Plant, Property and Equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
Depreciation											
ISBL (15 years)	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667
Royalty	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000	0
Catalyst and Chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
Amortization											
Royalty (10 years)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Catalyst and Chemical (5 years)	233	233	233	233	233	233	233	233	233	233	233
Amortization Expenses	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	233
Total depreciation and amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Long-term debt											
Long-term Loan (10 years)	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Begin to repay in 2003			22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
Short-term debt											
Overdraft and short-term loan	1,018.66	0	0	0	0	0	0	0	0	0	0

Interest Expense											
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	61	0	0	0	0	0	0	0	0	0	0
Interest on long-term debt	19,800	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Interest expense	19,861	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Income Tax											
Tax rate (Tax holiday 8 years and half for the next 5 years)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	15.00%	15.00%
Earning before Tax	6,984	8,444	11,464	14,550	18,793	23,093	27,286	32,008	36,756	41,695	49,319
Income Tax	0	0	0	0	0	0	0	0	5,513	6,254	7,398
Other Income											
Interest Income	0	1,299	2,797	3,350	4,112	4,683	5,458	6,397	7,308	8,364	9,576
Short-term investment and deposits at bank	0	25,990	55,946	67,010	82,238	93,660	109,169	127,943	146,160	167,276	191,523
Interest rate (5% per annum)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	6,117	6,237	6,378	6,550	6,745	6,949	7,154	7,369	7,593	7,827	8,148
Administrative management expense											
Number of employees	30	30	30	30	30	30	30	30	30	30	30
Avg. wages per employee (5% increase/yr)	22	23	24	25	26	28	29	31	32	34	35
Total administrative management expense	653	686	720	756	794	833	875	919	965	1013	1064
Cash in hand and deposits at bank											
Cash in hand	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Short-term investment and deposits at bank	0	25,990	55,946	67,010	82,238	93,660	109,169	127,943	146,160	167,276	191,523
Total Debt	233,679	232,993	233,404	211,476	189,592	167,649	145,792	123,987	102,182	80,449	58,819
% of Total Debt & Equities	67%	65%	63%	58%	53%	47%	42%	35%	29%	23%	16%
Cost of Debt	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Total Equities	116,984	125,428	136,892	151,442	170,234	186,400	205,499	227,905	249,775	274,583	303,928
% of Total Debt & Equities	33%	35%	37%	42%	47%	53%	58%	65%	71%	77%	84%
Cost of Equities	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Total Debt & Equities	350,663	358,421	370,296	362,918	359,827	354,049	351,292	351,892	351,957	355,032	362,747
WACC	9%	9%	9%	9%	9%	9%	9%	8%	8%	8%	8%

Assumptions**(Utilization Rate Decrease)**

	2012	2013	2014	2015
Production Capacity	350	350	350	350
Capacity Utilization	189	189	189	189
Utilization Rate (%)	54%	54%	54%	54%

Assume constant 63.1% over the life of project

Selling Price of PTA

Domestic Selling Price	913	940	969	999
Export Price	827	852	877	904

Product

% Domestic sales	71%	71%	71%	71%
% Export sales	29%	29%	29%	29%

15 Sales revenues

Domestic sales	123,160	126,879	130,741	134,746
Export sales	44,679	46,028	47,429	48,882
Total sale revenues	167,839	172,907	178,170	183,628

Feedstocks

% Domestic paraxylene	100%	100%	100%	100%
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Domestic paraxylene, tons	232,750	232,750	232,750	232,750
Domestic price, \$/ton	554	571	590	608
Domestic paraxylene cost, '000\$	56,541	58,276	60,215	62,052

Acetic Acid	755	780	804	830
Isobutyl Acetate	2,430	2,508	2,588	2,671
Hydrogen	810	836	863	890
Sodium Hydroxide	512	528	545	563
Misc. Catalysts	2,430	2,508	2,588	2,671
	459	474	489	505

Total Paraxylene cost, '000\$	56,541	58,276	60,215	62,052
Acetic Acid	8,562	8,845	9,117	9,412
Isobutyl Acetate	551	569	587	606
Hydrogen	46	47	49	50
Sodium Hydroxide	503	519	536	553
Misc. Catalysts	459	474	489	505
TOTAL	66,662	68,731	70,993	73,179

UTILITY COSTS				
Power	8,343	8,611	8,886	9,171
Cooling water circulation	3,995	4,123	4,255	4,391
Inert gas	543	561	579	597
Demineralized water	1,639	1,692	1,746	1,802
Hot Oil (Santothem 66)	5,981	6,173	6,370	6,574
TOTAL	20,501	21,159	21,835	22,535
Labour Cost				
Number of Employee	64	64	64	64
AVG. Wage/year	25	26	27	28
Labour Cost	1,571	1,649	1,732	1,818
Maintenance Cost				
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	94,884	97,689	100,710	103,682
Plant, Property and Equipment				
ISBL	54,667	41,000	27,333	13,667
OSBL	20,000	15,000	10,000	5,000
5 Plant, Property and Equipment	74,667	56,000	37,333	18,667
Depreciation				
ISBL (15 years)	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667
Royalty				
Royalty	0	0	0	0
Catalyst and Chemical	934	700	467	233
Amortization				
Royalty (10 years)	0	0	0	0
Catalyst and Chemical (5 years)	233	233	233	233
Amortization Expenses	233	233	233	233
Total depreciation and amortization expenses	18,900	18,900	18,900	18,900
Long-term debt				
Long-term Loan (10 years)	0			
Begin to repay in 2003	22,000			
Short-term debt				
Overdraft and short-term loan	0	0	0	0

Interest Expense				
Overdraft and short-term loan (Libor appro. 6%)	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	0	0	0	0
Interest on long-term debt	990	0	0	0
Interest expense	990	0	0	0
Income Tax				
Tax rate (Tax holiday 8 years and half for the next 5 years)	15.00%	15.00%	30.00%	30.00%
Earning before Tax	54,453	58,962	63,338	68,060
Income Tax	8,168	8,844	19,002	20,418
Other Income				
Interest Income	11,008	12,573	15,029	17,599
Short-term investment and deposite at bank	220,167	251,457	300,584	351,990
Interest rate (5% per annum)	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	8,392	8,645	8,909	9,181
Administrative management expense				
Number of employee	30	30	30	30
Avg. wages per employee (5% increase/yr)	37	39	41	43
Total administrative management expense	1117	1173	1231	1293
Cash in hand and deposite at bank				
Cash in hand	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	220,167	251,457	300,584	351,990
Total Debt	37,271	15,773	16,660	17,590
% of Total Debt & Equities	10%	4%	4%	4%
Cost of Debt	10%	10%	10%	10%
Total Equities	336,328	371,410	402,446	435,796
% of Total Debt & Equities	90%	96%	96%	96%
Cost of Equities	8%	8%	8%	8%
Total Debt & Equities	373,599	387,183	419,106	453,385
WACC	8%	8%	8%	8%

**Balance Sheet (Unit in Thousand USD)
(Capital Investment Increase)**

<i>Assets</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
Current Assets											
1 Cash in hand and deposit at bank	40,000	67,283	23,904	2,362	27,680	52,786	84,023	120,895	157,071	198,238	244,342
2 Account receivable	23,741	25,632	27,668	29,908	30,798	31,733	32,667	33,646	34,670	35,738	37,207
3 Inventory	9,633	10,334	11,053	11,876	12,214	12,536	12,911	13,253	13,617	14,004	14,413
4 Other current assets (0.5% of Total assets)	2,972	2,260	2,322	2,274	2,260	2,227	2,219	2,241	2,259	2,303	2,385
Total current assets	76,345	29,056	17,140	41,696	72,952	99,282	131,821	170,035	207,617	250,283	298,347
5 Plant, property and equipment (*)	504,000	470,400	436,800	403,200	369,600	336,000	302,400	268,800	235,200	201,600	168,000
6 Catalyst and chemical (*)	2,101	1,680	1,260	840	420	1,167	747	327	93	(513)	1,167
7 Other assets (2% of Total assets)	11,887	9,041	9,290	9,097	9,040	8,907	8,877	8,962	9,035	9,212	9,541
Total assets	594,333	452,066	464,490	454,833	452,012	445,356	443,844	448,124	451,759	460,581	477,055
Liabilities and Equities											
Current Liabilities											
8 Overdraft and short-term loan	141,018	0	0	0	0	0	0	0	0	0	0
9 Account payable	9,633	10,334	11,053	11,876	12,214	12,536	12,911	13,253	13,617	14,004	14,413
10 Current portion of long-term	0	0	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000
11 Other current liabilities (2% of total assets)	11,887	9,041	9,290	9,097	9,040	8,907	8,877	8,962	9,035	9,212	9,541
Total current liabilities	162,537	19,376	53,343	53,973	54,254	54,443	54,788	55,216	55,652	56,216	56,954
Long-term Liabilities											
12 Long-term debt (*)	330,000	330,000	297,000	264,000	231,000	198,000	165,000	132,000	99,000	66,000	33,000
Total liabilities	492,537	349,376	350,343	317,973	285,254	252,443	219,788	187,216	154,652	122,216	89,954
Shareholders' Equities											
13 Registered capital (*)	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
14 Retained earnings	(8,205)	7,310	4,147	26,860	56,758	81,044	109,963	144,184	177,796	216,108	261,362
15 Legal reserve	0	0	0	0	0	1,868	4,093	6,725	9,311	12,258	15,739
Total Shareholders' Equities	101,795	102,690	114,147	136,860	166,758	192,912	224,056	260,909	297,106	338,365	387,101
Total Liabilities & Shareholders' Equities	594,333	452,066	464,490	454,833	452,012	445,356	443,844	448,124	451,759	460,581	477,055
Total Assets exclude Cash in hand	594,333	519,349	488,394	457,195	424,332	392,570	359,821	327,229	294,688	262,343	232,713
Total Liabilities & Shareholders' Equities exclude	453,315	452,066	464,490	454,833	452,012	445,356	443,844	448,124	451,759	460,581	477,055
Difference	141,018	67,283	23,904	2,362	(27,680)	(52,786)	(84,023)	(120,895)	(157,071)	(198,238)	(244,342)
Increase Initial Investment											
D/E	2:1										
Equity (Increase by 70%)	110,000										
Debt (Increase by 70%)	330,000										

**Balance Sheet (Unit in Thousand USD)
(Capital Investment Increase)**

<i>Assets</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
Current Assets				
1 Cash in hand and deposit at bank	298,050	356,432	441,024	529,645
2 Account receivable	38,319	39,476	40,678	41,924
3 Inventory	14,863	15,299	15,775	16,237
4 Other current assets (0.5% of Total assets)	2,494	2,627	2,895	3,184
Total current assets	353,727	413,834	500,372	590,990
5 Plant, property and equipment (*)	134,400	100,800	67,200	33,600
6 Catalyst and chemical (*)	747	327	93	(513)
7 Other assets (2% of Total assets)	9,977	10,509	11,581	12,736
Total assets	498,851	525,470	579,060	636,812

Liabilities and Equities

	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
Current Liabilities				
8 Overdraft and short-term loan	0	0	0	0
9 Account payable	14,863	15,299	15,775	16,237
10 Current portion of long-term	33,000	0	0	0
11 Other current liabilities (2% of total assets)	9,977	10,509	11,581	12,736
Total current liabilities	57,840	25,808	27,356	28,973

Long-term Liabilities

12 Long-term debt (*)	0	0	0	0
Total liabilities	57,840	25,808	27,356	28,973

Shareholders' Equities

13 Registered capital (*)	110,000	110,000	110,000	110,000
14 Retained earnings	314,511	373,162	425,204	481,340
15 Legal reserve	16,500	16,500	16,500	16,500
Total Shareholders' Equities	441,011	499,662	551,704	607,840
Total Liabilities & Shareholders' Equities	498,851	525,470	579,060	636,812

Total Assets exclude Cash in hand	200,801	169,039	138,036	107,168
Total Liabilities & Shareholders' Equities exclude	498,851	525,470	579,060	636,812
Difference	(298,050)	(356,432)	(441,024)	(529,645)

Increase Initial Investment

D/E
Equity (Increase by 70%)
Debt (Increase by 70%)

Income Statement (Unit in Thousand USD)
(Capital Investment Increase)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales											
16 Sale revenues	192,566	207,906	224,421	242,585	249,805	257,386	264,967	272,908	281,211	289,875	301,788
17 Other income	0	(5,364)	(3,195)	(2,118)	(616)	639	2,201	4,045	5,854	7,912	10,217
Total revenues	192,566	202,542	221,226	240,467	249,189	258,025	267,168	276,953	287,065	297,787	312,005
Expenses											
18 Cost of goods sold	117,197	125,735	134,482	144,492	148,601	152,523	157,087	161,246	165,677	170,382	175,357
Land lease	111	111	111	111	111	111	111	111	111	111	111
19 Depreciation & amortization expenses	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	34,020
Administrative management expense	653	686	720	756	794	833	875	919	965	1,013	1,064
20 Selling administrative expense	9,628	10,395	11,221	12,129	12,490	12,869	13,248	13,645	14,061	14,494	15,089
Earning before interest and tax	29,956	30,594	39,672	47,959	52,173	56,668	60,826	66,011	71,232	76,767	86,364
21 Interest expense	38,161	29,700	28,215	25,245	22,275	19,305	16,335	13,365	10,395	7,425	4,455
Earnings before tax	(8,205)	894	11,457	22,714	29,898	37,363	44,491	52,646	60,837	69,342	81,909
22 Income tax	0	0	0	0	0	0	0	0	9,126	10,401	12,286
Net earnings	(8,205)	894	11,457	22,714	29,898	37,363	44,491	52,646	51,711	58,941	69,622
Retaining Earnings											
Beginning of year	0	(8,205)	(7,310)	4,147	26,860	56,758	81,044	109,963	144,184	177,796	216,108
Net earnings	(8,205)	894	11,457	22,714	29,898	37,363	44,491	52,646	51,711	58,941	69,622
Dividends	0	0	0	0	0	(11,209)	(13,347)	(15,794)	(15,513)	(17,682)	(20,887)
Legal reserve	0	0	0	0	0	(1,868)	(2,225)	(2,632)	(2,586)	(2,947)	(3,481)
End-of-year	(8,205)	(7,310)	4,147	26,860	56,758	81,044	109,963	144,184	177,796	216,108	261,362
Accumulate legal reserve	0	0	0	0	0	(1,868)	(4,093)	(6,725)	(9,311)	(12,258)	(15,739)

Income Statement (Unit in Thousand USD)
(Capital Investment Increase)

	2012	2013	2014	2015
Sales				
16 Sale revenues	310,812	320,198	329,945	340,053
17 Other income	12,903	15,822	20,051	24,482
Total revenues	323,715	336,020	349,996	364,535
Expenses				
18 Cost of goods sold	180,836	186,132	191,929	197,545
Land lease	111	111	111	111
19 Depreciation & amortization expenses	34,020	34,020	34,020	34,020
Administrative management expense	1,117	1,173	1,231	1,293
20 Selling administrative expense	15,541	16,010	16,497	17,003
Earning before interest and tax	92,090	98,574	106,207	114,563
21 Interest expense	1,485	0	0	0
Earnings before tax	90,605	98,574	106,207	114,563
22 Income tax	13,591	14,786	31,862	34,369
Net earnings	77,014	83,788	74,345	80,194
Retaining Earnings				
Beginning of year	261,362	314,511	373,162	425,204
Net earnings	77,014	83,788	74,345	80,194
Dividends	(23,104)	(25,136)	(22,304)	(24,058)
Legal reserve	(761)	0	0	0
End-of-year	314,511	373,162	425,204	481,340
Accumulate legal reserve	(16,500)	(16,500)	(16,500)	(16,500)

Statement of Cash Flows (Unit in Thousand USD)
(Capital Investment Increase)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cash flows from Operating activities									
Net Earnings Increase/(Decrease)	(8,205)	894	11,457	22,714	29,898	37,363	44,491	52,646	51,711
Adjustments to reconcile net income to net cash provided from (used by) operating activities									
Depreciation and amortization	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020
Provision for bad debts	0	0	0	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	0	711	(62)	48	14	33	8	(21)	(18)
Cash provided from operating activities before changes in current accounts	26,816	36,626	46,415	57,782	64,932	72,417	79,519	87,645	86,713
(Increase) decrease in current assets/liabilities									
Accounts receivable	0	(1,891)	(2,036)	(2,239)	(890)	(935)	(935)	(979)	(1,024)
Inventories	0	(702)	(719)	(823)	(338)	(322)	(375)	(342)	(364)
Accounts payable	0	(702)	(719)	(823)	(338)	(322)	(375)	(342)	(364)
Accrued liabilities	0	0	0	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	0	(3,295)	(3,474)	(3,885)	(1,566)	(1,579)	(1,685)	(1,663)	(1,752)
Net cash provided from (used by) operating activities	26,816	33,331	42,941	53,897	63,366	70,837	77,834	85,982	84,961
Net cash provided from (used by) financing activities									
Cash Flows from Operating activities	26,816	33,331	42,941	53,897	63,366	70,837	77,834	85,982	84,961
Year	1	2	3	4	5	6	7	8	9
DCR (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%
(1+DCR)^n	1	1	1	1	2	2	2	2	2
CFO/(1+DCR)^n	24,378	27,546	32,262	36,812	39,346	39,986	39,941	40,111	36,032
Accumulate CFO/(1+DCR)^n	24,378	51,924	84,186	120,999	160,344	200,330	240,271	280,383	316,414
Sum of CFO/(1+DCR)^n	510,262								
NPV	510,262								

Statement of Cash Flows (Unit in Thousand USD)
(Capital Investment Increase)

	2010	2011	2012	2013	2014	2015
Cash flows from Operating activities						
Net Earnings Increase/(Decrease)	58,941	69,622	77,014	83,788	74,345	80,194
Adjustments to reconcile net income to net cash provided from (used by) operating activities						
Depreciation and amortization	35,020	34,020	34,020	34,020	34,020	34,020
Provision for bad debts	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	(44)	(82)	(109)	(133)	(268)	(289)
Cash provided from operating activities before changes in current accounts	93,917	103,560	110,926	117,675	108,097	113,925
(Increase) decrease in current assets/liabilities						
Accounts receivable	(1,068)	(1,469)	(1,113)	(1,157)	(1,202)	(1,246)
Inventories	(387)	(409)	(450)	(435)	(476)	(462)
Accounts payable	(387)	(409)	(450)	(435)	(476)	(462)
Accrued liabilities	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	(1,842)	(2,287)	(2,013)	(2,028)	(2,155)	(2,169)
Net cash provided from (used by) operating activities	92,075	101,274	108,912	115,647	105,943	111,756
Net cash provided from (used by) financing activities						
Cash Flows from Operating activities	92,075	101,274	108,912	115,647	105,943	111,756
Year	10	11	12	13	14	15
DCR (%)	10%	10%	10%	10%	10%	10%
(1+DCR) ⁿ	3	3	3	3	4	4
CFO/(1+DCR) ⁿ	35,499	35,496	34,703	33,499	27,898	26,754
Accumulate CFO/(1+DCR) ⁿ	351,914	387,409	422,112	455,611	483,509	510,262
Sum of CFO/(1+DCR) ⁿ						
NPV						

**Assumptions
(Capital Investment Increase)**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production Capacity	350	350	350	350	350	350	350	350	350	350	350
Capacity Utilization	298	315	333	350	350	350	350	350	350	350	350
Utilization Rate (%)	85%	90%	95%	100%	100%	100%	100%	100%	100%	100%	100%
Selling Price of PTA											
Domestic Selling Price	657	673	691	712	734	756	778	801	826	851	886
Export Price	595	610	626	645	664	684	705	726	748	771	803
Product											
% Domestic sales	84%	79%	75%	71%	71%	71%	71%	71%	71%	71%	71%
% Export sales	16%	21%	25%	29%	29%	29%	29%	29%	29%	29%	29%
15 Sales revenues											
Domestic sales	164,234	168,349	172,808	178,009	183,307	188,869	194,432	200,260	206,352	212,710	221,451
Export sales	28,332	39,557	51,613	64,577	66,498	68,516	70,534	72,649	74,859	77,165	80,336
Total sale revenues	192,566	207,906	224,421	242,585	249,805	257,386	264,967	272,908	281,211	289,875	301,788
Feedstocks											
% Domestic paraxylene	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Domestic paraxylene, tons	197,838	209,475	221,113	232,750	232,750	232,750	232,750	232,750	232,750	232,750	232,750
Domestic price, \$/ton	410	417	427	439	452	464	478	491	505	520	536
Domestic paraxylene cost, '000\$	81,114	87,351	94,415	102,177	105,203	107,996	111,255	114,280	117,539	121,030	124,754
Total Paraxylene cost, '000\$	81,114	87,351	94,415	102,177	105,203	107,996	111,255	114,280	117,539	121,030	124,754
Acetic Acid	10,036	10,987	11,249	12,004	12,450	12,924	13,551	13,984	14,431	14,895	15,372
Isobutyl Acetate	614	670	730	793	819	845	872	900	929	958	989
Hydrogen	51	56	61	66	68	70	73	75	77	80	82
Sodium Hydroxide	560	612	667	724	747	771	796	821	848	875	903
Misc. Catalysts	511	559	609	661	682	704	727	750	774	799	824
TOTAL	92,886	100,235	107,731	116,425	119,969	123,310	127,274	130,810	134,598	138,637	142,924
UTILITY COSTS											
Power	5,015	5,480	5,969	6,485	6,693	6,906	7,127	7,355	7,590	7,834	8,085
Cooling water circulation	2,401	2,624	2,858	3,105	3,204	3,307	3,412	3,522	3,634	3,751	3,871
Inert gas	327	357	389	422	436	450	464	479	494	510	526
Deminerlized water	985	1,077	1,173	1,274	1,315	1,357	1,400	1,445	1,491	1,539	1,589
Hot Oil (Santothem 66)	3,595	3,928	4,279	4,648	4,798	4,951	5,109	5,273	5,441	5,616	5,796
TOTAL	12,323	13,466	14,668	15,934	16,446	16,971	17,513	18,074	18,652	19,250	19,867

Labour Cost											
Number of Employee	64	64	64	64	64	64	64	64	64	64	64
AVG. Wage/year	14	15	16	17	17	18	19	20	21	22	23
Labour Cost	918	964	1,012	1,063	1,116	1,172	1,231	1,292	1,357	1,425	1,496
Maintenance Cost											
Maintenance Cost (3% of ISBL)	11,070	11,070	11,070	11,070	11,070	11,070	11,070	11,070	11,070	11,070	11,070
17 Cost of Goods Sold	117,197	125,735	134,482	144,492	148,601	152,523	157,087	161,246	165,677	170,382	175,357
Plant, Property and Equipment											
Increase Initial Investment by 80%	80%										
ISBL (Time 1.8)	369,000	344,400	319,800	295,200	270,600	246,000	221,400	196,800	172,200	147,600	123,000
OSBL (Time 1.8)	135,000	126,000	117,000	108,000	99,000	90,000	81,000	72,000	63,000	54,000	45,000
5 Plant, Property and Equipment	504,000	470,400	436,800	403,200	369,600	336,000	302,400	268,800	235,200	201,600	168,000
Depreciation											
ISBL (15 years)	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600
OSBL (15 years)	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Depreciation Expenses	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600
Royalty	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000	0
Catalyst and Chemical (Time 1.8)	2,101	1,680	1,260	840	420	1,167	747	327	-93	-513	1,167
Amortization											
Royalty (10 years)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Catalyst and Chemical (5 years)	420	420	420	420	420	420	420	420	420	420	420
Amortization Expenses	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	420
Total depreciation and amortization expenses	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	35,020	34,020
Long-term debt											
Long-term Loan (10 years)	330,000	330,000	297,000	264,000	231,000	198,000	165,000	132,000	99,000	66,000	33,000
Begin to repay in 2003			33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000	33,000
Short-term debt											
Overdraft and short-term loan	141,018	0	0	0	0	0	0	0	0	0	0
Interest Expense											
Overdraft and short-term loan (Libor appo. 6%)	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	8,461	0	0	0	0	0	0	0	0	0	0
Interest on long-term debt	29,700	29,700	28,215	25,245	22,275	19,305	16,335	13,365	10,395	7,425	4,455
Interest expense	38,161	29,700	28,215	25,245	22,275	19,305	16,335	13,365	10,395	7,425	4,455

Income Tax												
Tax rate (Tax holiday 8 years and half for the next 5 years)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.00%	15.00%	15.00%
Earning before Tax	-8,205	894	11,457	22,714	29,898	37,363	44,491	52,646	60,837	69,342	81,909	
Income Tax	0	0	0	0	0	0	0	0	9,126	10,401	12,286	
Other Income												
Interest Income	0	-5,364	-3,195	-2,118	-616	639	2,201	4,045	5,854	7,912	10,217	
Short-term investment and deposite at bank	0	-107,283	-63,904	-42,362	-12,320	12,786	44,023	80,895	117,071	158,238	204,342	
Interest rate (5% per annum)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	
Selling & administrative expense (5% of Sales)	9,628	10,395	11,221	12,129	12,490	12,869	13,248	13,645	14,061	14,494	15,089	
Administrative management expense												
Number of employee	30	30	30	30	30	30	30	30	30	30	30	
Avg. wages per employee (5% increase/yr)	22	23	24	25	26	28	29	31	32	34	35	
Total administrative management expense	653	686	720	756	794	833	875	919	965	1013	1064	
Cash in hand and deposite at bank												
Cash in hand	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	
Short-term investment and deposite at bank	0	-107,283	-63,904	-42,362	-12,320	12,786	44,023	80,895	117,071	158,238	204,342	
Total Debt	492,537	349,376	350,343	317,973	285,254	252,443	219,788	187,216	154,652	122,216	89,954	
% of Total Debt & Equities	83%	77%	75%	70%	63%	57%	50%	42%	34%	27%	19%	
Cost of Debt	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	
Total Equities	101,795	102,690	114,147	136,860	166,758	192,912	224,056	260,909	297,106	338,365	387,101	
% of Total Debt & Equities	17%	23%	25%	30%	37%	43%	50%	58%	66%	73%	81%	
Cost of Equities	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	
Total Debt & Equities	594,333	452,066	464,490	454,833	452,012	445,356	443,844	448,124	451,759	460,581	477,055	
WACC	10%	9%	9%	9%	9%	9%	9%	9%	8%	8%	8%	

Assumptions**(Capital Investment Increase)**

	2012	2013	2014	2015
Production Capacity	350	350	350	350
Capacity Utilization	350	350	350	350
Utilization Rate (%)	100%	100%	100%	100%
Selling Price of PTA				
Domestic Selling Price	913	940	969	999
Export Price	827	852	877	904
Product				
% Domestic sales	71%	71%	71%	71%
% Export sales	29%	29%	29%	29%
15 Sales revenues				
Domestic sales	228,074	234,961	242,113	249,530
Export sales	82,739	85,237	87,832	90,522
Total sale revenues	310,812	320,198	329,945	340,053
Feedstocks				
% Domestic paraxylene	100%	100%	100%	100%
Domestic paraxylene, tons	232,750	232,750	232,750	232,750
Domestic price, \$/ton	554	571	590	608
Domestic paraxylene cost, '000\$	128,944	132,900	137,323	141,512
Total Paraxylene cost, '000\$	128,944	132,900	137,323	141,512
Acetic Acid	15,862	16,372	16,894	17,436
Isobutyl Acetate	1,021	1,054	1,087	1,122
Hydrogen	85	88	91	93
Sodium Hydroxide	932	962	992	1,024
Misc. Catalysts	851	878	906	935
TOTAL	147,695	152,254	157,293	162,122
UTILITY COSTS				
Power	8,343	8,611	8,886	9,171
Cooling water circulation	3,995	4,123	4,255	4,391
Inert gas	543	561	579	597
Demineralized water	1,639	1,692	1,746	1,802
Hot Oil (Santotherm 66)	5,981	6,173	6,370	6,574
TOTAL	20,501	21,159	21,835	22,535

Labour Cost				
Number of Employee	64	64	64	64
AVG. Wage/year	25	26	27	28
Labour Cost	1,571	1,649	1,732	1,818
Maintenance Cost				
Maintenance Cost (3% of ISBL)	11,070	11,070	11,070	11,070
17 Cost of Goods Sold	180,836	186,132	191,929	197,545
Plant, Property and Equipment				
Increase Initial Investment by 80%				
ISBL (Time 1.8)	98,400	73,800	49,200	24,600
OSBL (Time 1.8)	36,000	27,000	18,000	9,000
5 Plant, Property and Equipment	134,400	100,800	67,200	33,600
Depreciation				
ISBL (15 years)	24,600	24,600	24,600	24,600
OSBL (15 years)	9,000	9,000	9,000	9,000
Depreciation Expenses	33,600	33,600	33,600	33,600
Royalty				
Catalyst and Chemical (Time 1.8)	747	327	-93	-513
Amortization				
Royalty (10 years)	0	0	0	0
Catalyst and Chemical (5 years)	420	420	420	420
Amortization Expenses	420	420	420	420
Total depreciation and amortization expenses	<u>34,020</u>	<u>34,020</u>	<u>34,020</u>	<u>34,020</u>
Long-term debt				
Long-term Loan (10 years)	0			
Begin to repay in 2003	33,000			
Short-term debt				
Overdraft and short-term loan	0	0	0	0
Interest Expense				
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	0	0	0	0
Interest on long-term debt	1,485	0	0	0
Interest expense	<u>1,485</u>	<u>0</u>	<u>0</u>	<u>0</u>

Income Tax				
Tax rate (Tax holiday 8 years and half for the next 5 years)	15.00%	15.00%	30.00%	30.00%
Earning before Tax	90,605	98,574	106,207	114,563
Income Tax	13,591	14,786	31,862	34,369
Other Income				
Interest Income	12,903	15,822	20,051	24,482
Short-term investment and deposite at bank	258,050	316,432	401,024	489,645
Interest rate (5% per annum)	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	15,541	16,010	16,497	17,003
Administrative management expense				
Number of employee	30	30	30	30
Avg. wages per employee (5% increase/yr)	37	39	41	43
Total administrative management expense	1117	1173	1231	1293
Cash in hand and deposite at bank				
Cash in hand	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	258,050	316,432	401,024	489,645
Total Debt	57,840	25,808	27,356	28,973
% of Total Debt & Equities	12%	5%	5%	5%
Cost of Debt	10%	10%	10%	10%
Total Equities	441,011	499,662	551,704	607,840
% of Total Debt & Equities	88%	95%	95%	95%
Cost of Equities	8%	8%	8%	8%
Total Debt & Equities	498,851	525,470	579,060	636,812
WACC	8%	8%	8%	8%

Balance Sheet (Unit in Thousand USD)
(BOI Prevlidge for Tax exemption is invalid)

<i>Assets</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
Current Assets											
1 Cash in hand and deposit at bank	40,000	67,581	108,813	134,310	165,601	187,858	214,116	243,411	275,884	311,700	351,338
2 Account receivable	28,037	30,274	32,709	35,315	36,369	37,434	38,582	39,740	40,943	42,194	43,957
3 Inventory	12,803	13,787	14,825	15,993	16,449	16,921	17,418	17,914	18,424	18,951	19,544
4 Other current assets (0.5% of Total assets)	1,856	1,917	2,050	2,103	2,174	2,205	2,252	2,313	2,392	2,488	2,612
Total current assets	82,697	113,560	158,396	187,721	220,594	244,438	272,368	303,378	337,643	375,333	417,451
5 Plant, property and equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
6 Catalyst and chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
7 Other assets (2% of Total assets)	7,426	7,670	8,199	8,412	8,697	8,822	9,006	9,253	9,567	9,950	10,448
Total assets	371,290	383,497	409,962	420,600	434,858	441,094	450,307	462,664	478,343	497,517	522,399
Liabilities and Equities											
Current Liabilities											
8 Overdraft and short-term loan	7,512	0	0	0	0	0	0	0	0	0	0
9 Account payable	12,803	13,787	14,825	15,993	16,449	16,921	17,418	17,914	18,424	18,951	19,544
10 Current portion of long-term	0	0	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
11 Other current liabilities (2% of total assets)	7,426	7,670	8,199	8,412	8,697	8,822	9,006	9,253	9,567	9,950	10,448
Total current liabilities	27,741	21,457	45,024	46,405	47,146	47,743	48,424	49,167	49,991	50,901	51,992
Long-term Liabilities											
12 Long-term debt	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Total liabilities	247,741	241,457	243,024	222,405	201,146	179,743	158,424	137,167	115,991	94,901	73,992
Shareholders' Equities											
13 Registered capital	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000
14 Retained earnings	13,549	32,039	56,938	88,194	123,712	149,377	177,728	208,941	241,352	281,615	327,407
15 Legal reserve	0	0	0	0	0	1,974	4,155	6,556	11,000	11,000	11,000
Total Shareholders' Equities	123,549	142,039	166,938	198,194	233,712	261,351	291,883	325,498	362,352	402,615	448,407
Total Liabilities & Shareholders' Equities	371,290	383,497	409,962	420,600	434,858	441,094	450,307	462,664	478,343	497,517	522,399
Total Assets exclude Cash in hand	371,290	315,916	301,149	286,290	269,257	253,236	236,192	219,254	202,459	185,816	171,061
Total Liabilities & Shareholders' Equities exclude	363,778	383,497	409,962	420,600	434,858	441,094	450,307	462,664	478,343	497,517	522,399
Difference	7,512	(67,581)	(108,813)	(134,310)	(165,601)	(187,858)	(214,116)	(243,411)	(275,884)	(311,700)	(351,338)

Balance Sheet (Unit in Thousand USD)
(BOI Priviledge for Tax exemption is invalid)

<i>Assets</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>
Current Assets				
1 Cash in hand and deposit at bank	395,899	443,355	515,846	591,517
2 Account receivable	45,258	46,614	48,032	49,462
3 Inventory	20,154	20,787	21,437	22,110
4 Other current assets (0.5% of Total assets)	2,753	2,910	3,195	3,497
Total current assets	464,063	513,665	588,510	666,586
5 Plant, property and equipment	74,667	56,000	37,333	18,667
6 Catalyst and chemical	934	700	467	233
7 Other assets (2% of Total assets)	11,014	11,640	12,782	13,990
Total assets	550,677	582,006	639,092	699,476
Liabilities and Equities				
Current Liabilities				
8 Overdraft and short-term loan	0	0	0	0
9 Account payable	20,154	20,787	21,437	22,110
10 Current portion of long-term	22,000	0	0	0
11 Other current liabilities (2% of total assets)	11,014	11,640	12,782	13,990
Total current liabilities	53,167	32,427	34,219	36,100
Long-term Liabilities				
12 Long-term debt	0	0	0	0
Total liabilities	53,167	32,427	34,219	36,100
Shareholders' Equities				
13 Registered capital	110,000	110,000	110,000	110,000
14 Retained earnings	376,510	428,579	483,873	542,376
15 Legal reserve	11,000	11,000	11,000	11,000
Total Shareholders' Equities	497,510	549,579	604,873	663,376
Total Liabilities & Shareholders' Equities	550,677	582,006	639,092	699,476
Total Assets exclude Cash in hand	154,778	138,651	123,246	107,959
Total Liabilities & Shareholders' Equities exclude	550,677	582,006	639,092	699,476
Difference	(395,899)	(443,355)	(515,846)	(591,517)

Income Statement (Unit in Thousand USD)
(BOI Privilege for Tax exemption is invalid)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Sales											
16 Sale revenues	227,413	245,558	265,303	286,442	294,997	303,792	312,946	322,336	332,091	342,241	356,540
17 Other income	0	1,379	3,441	4,715	6,280	7,393	8,706	10,171	11,794	13,585	15,567
Total revenues	227,413	246,937	268,744	291,158	301,277	311,184	321,652	332,507	343,885	355,826	372,107
Expenses											
18 Cost of goods sold	155,772	167,747	180,367	194,587	200,133	205,874	211,918	217,949	224,162	230,569	237,783
Land lease	111	111	111	111	111	111	111	111	111	111	111
19 Depreciation & amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Administrative management expense	653	686	720	756	794	833	875	919	965	1,013	1,064
20 Selling administrative expense	11,371	12,278	13,265	14,322	14,750	15,190	15,647	16,117	16,605	17,112	17,827
Earning before interest and tax	39,606	46,215	51,380	61,481	65,589	69,276	73,201	77,511	82,143	87,121	96,422
21 Interest expense	20,251	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Earnings before tax	19,355	26,415	35,570	44,651	50,739	56,406	62,311	68,601	75,213	82,171	93,452
22 Income tax	5,807	7,925	10,671	13,395	15,222	16,922	18,693	20,580	22,564	24,651	28,036
Net earnings	13,549	18,491	24,899	31,256	35,517	39,484	43,618	48,020	52,649	57,520	65,417
Retaining Earnings											
Beginning of year	0	13,549	32,039	56,938	88,194	123,712	149,377	177,728	208,941	241,352	281,615
Net earnings	13,549	18,491	24,899	31,256	35,517	39,484	43,618	48,020	52,649	57,520	65,417
Dividends	0	0	0	0	0	(11,845)	(13,085)	(14,406)	(15,795)	(17,256)	(19,625)
Legal reserve	0	0	0	0	0	(1,974)	(2,181)	(2,401)	(4,444)	0	0
End-of-year	13,549	32,039	56,938	88,194	123,712	149,377	177,728	208,941	241,352	281,615	327,407
Accumulate legal reserve	0	0	0	0	0	(1,974)	(4,155)	(6,556)	(11,000)	(11,000)	(11,000)

Income Statement (Unit in Thousand USD)
(BOI Privilege for Tax exemption is invalid)

	2012	2013	2014	2015
Sales				
16 Sale revenues	367,090	378,090	389,589	401,189
17 Other income	17,795	20,168	23,792	27,576
Total revenues	384,885	398,257	413,382	428,765
Expenses				
18 Cost of goods sold	245,203	252,906	260,814	269,008
Land lease	111	111	111	111
19 Depreciation & amortization expenses	18,900	18,900	18,900	18,900
Administrative management expense	1,117	1,173	1,231	1,293
20 Selling administrative expense	18,354	18,904	19,479	20,059
Earning before interest and tax	101,200	106,263	112,846	119,393
21 Interest expense	990	0	0	0
Earnings before tax	100,210	106,263	112,846	119,393
22 Income tax	30,063	31,879	33,854	35,818
Net earnings	70,147	74,384	78,992	83,575
Retaining Earnings				
Beginning of year	327,407	376,510	428,579	483,873
Net earnings	70,147	74,384	78,992	83,575
Dividends	(21,044)	(22,315)	(23,698)	(25,073)
Legal reserve	0	0	0	0
End-of-year	376,510	428,579	483,873	542,376
Accumulate legal reserve	(11,000)	(11,000)	(11,000)	(11,000)

Statement of Cash Flows (Unit in Thousand USD)
(BOI Priviledge for Tax exemption is invalid)

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Cash flows from Operating activities									
Net Earnings	13,549	18,491	24,899	31,256	35,517	39,484	43,618	48,020	52,649
Adjustments to reconcile net income to net cash provided from (used by) operating activities									
Depreciation and amortization	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900
Provision for bad debts	0	0	0	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	0	(61)	(132)	(53)	(71)	(31)	(46)	(62)	(78)
Cash provided from operating activities before changes in current accounts	33,449	38,330	44,667	51,103	55,346	59,353	63,472	67,859	72,471
(Increase) decrease in current assets/liabilities									
Accounts receivable	0	(2,237)	(2,434)	(2,606)	(1,055)	(1,084)	(1,129)	(1,158)	(1,203)
Inventories	0	(984)	(1,037)	(1,169)	(456)	(472)	(497)	(496)	(511)
Accounts payable	0	(984)	(1,037)	(1,169)	(456)	(472)	(497)	(496)	(511)
Accrued liabilities	0	0	0	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	0	(4,206)	(4,509)	(4,944)	(1,966)	(2,028)	(2,122)	(2,149)	(2,224)
Net cash provided from (used by) operating activities	33,449	34,124	40,158	46,159	53,380	57,325	61,350	65,710	70,247
Cash Flows from Operating activities	33,449	34,124	40,158	46,159	53,380	57,325	61,350	65,710	70,247
Year	1	2	3	4	5	6	7	8	9
DCR (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%
(1+DCR)^n	1	1	1	1	2	-2	2	2	2
CFO/(1+DCR)^n	30,408	28,202	30,171	31,527	33,145	32,359	31,482	30,654	29,791
Accumulate CFO/(1+DCR)^n	30,408	58,610	88,781	120,308	153,453	185,812	217,294	247,948	277,739
Sum of CFO/(1+DCR)^n	437,661								
NPV	437,661								

Statement of Cash Flows (Unit in Thousand USD)
(BOI Prevlidge for Tax exemption is invalid)

	2010	2011	2012	2013	2014	2015
Cash flows from Operating activities						
Net Earnings	57,520	65,417	70,147	74,384	78,992	83,575
Adjustments to reconcile net income to net cash provided from (used by) operating activities						
Depreciation and amortization	19,900	18,900	18,900	18,900	18,900	18,900
Provision for bad debts	0	0	0	0	0	0
Gain on sale facilities/equipment	0	0	0	0	0	0
Increase in deferred taxes	0	0	0	0	0	0
(Increase) decrease in prepaid expenses and other assets	(96)	(124)	(141)	(157)	(285)	(302)
Cash provided from operating activities before changes in current accounts	77,324	84,192	88,905	93,127	97,607	102,173
(Increase) decrease in current assets/liabilities						
Accounts receivable	(1,251)	(1,763)	(1,301)	(1,356)	(1,418)	(1,430)
Inventories	(527)	(593)	(610)	(633)	(650)	(674)
Accounts payable	(527)	(593)	(610)	(633)	(650)	(674)
Accrued liabilities	0	0	0	0	0	0
Current deferred income taxes	0	0	0	0	0	0
Net (increase) decrease in current assets/liabilities	(2,305)	(2,949)	(2,520)	(2,622)	(2,718)	(2,777)
Net cash provided from (used by) operating activities	75,019	81,243	86,385	90,505	94,889	99,396
Cash Flows from Operating activities	75,019	81,243	86,385	90,505	94,889	99,396
Year	10	11	12	13	14	15
DCR (%)	10%	10%	10%	10%	10%	10%
(1+DCR) ⁿ	3	3	3	3	4	4
CFO/(1+DCR) ⁿ	28,923	28,475	27,525	26,216	24,987	23,795
Accumulate CFO/(1+DCR) ⁿ	306,662	335,138	362,663	388,879	413,866	437,661
Sum of CFO/(1+DCR) ⁿ						
NPV						

Assumptions

(BOI Prevlidged for Tax exemption is invalid)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Production Capacity	350	350	350	350	350	350	350	350	350	350	350
Capacity Utilization	298	315	333	350	350	350	350	350	350	350	350
Utilization Rate (%)	85%	90%	95%	100%	100%	100%	100%	100%	100%	100%	100%
Selling Price of PTA											
Domestic Selling Price	776	795	817	841	866	892	919	947	975	1005	1047
Export Price	704	720	740	762	785	808	832	857	883	910	948
Product											
% Domestic sales	84%	79%	75%	71%	71%	71%	71%	71%	71%	71%	71%
% Export sales	16%	21%	25%	29%	29%	29%	29%	29%	29%	29%	29%
15 Sales revenues											
Domestic sales	193,902	198,837	204,283	210,166	216,418	222,911	229,663	236,550	243,702	251,150	261,645
Export sales	33,510	46,721	61,020	76,276	78,579	80,881	83,283	85,786	88,388	91,091	94,895
Total sale revenues	227,413	245,558	265,303	286,442	294,997	303,792	312,946	322,336	332,091	342,241	356,540
Feedstocks											
% Domestic paraxylene	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Domestic paraxylene, tons	197,838	209,475	221,113	232,750	232,750	232,750	232,750	232,750	232,750	232,750	232,750
Domestic price, \$/ton	630	641	657	675	695	714	735	756	777	800	825
Domestic paraxylene cost, '000\$	124,608	134,283	145,221	157,192	161,654	166,266	171,007	175,903	180,944	186,137	192,099
Total Paraxylene cost, '000\$	124,608	134,283	145,221	157,192	161,654	166,266	171,007	175,903	180,944	186,137	192,099
Acetic Acid	10,036	10,987	11,249	12,004	12,450	12,924	13,551	13,984	14,431	14,895	15,372
Isobutyl Acetate	614	670	730	793	819	845	872	900	929	958	989
Hydrogen	51	56	61	66	68	70	73	75	77	80	82
Sodium Hydroxide	560	612	667	724	747	771	796	821	848	875	903
Misc. Catalysts	511	559	609	661	682	704	727	750	774	799	824
TOTAL	136,381	147,167	158,537	171,440	176,421	181,581	187,024	192,433	198,003	203,744	210,270
UTILITY COSTS											
Power	5,015	5,480	5,969	6,485	6,693	6,906	7,127	7,355	7,590	7,834	8,085
Cooling water circulation	2,401	2,624	2,858	3,105	3,204	3,307	3,412	3,522	3,634	3,751	3,871
Inert gas	327	357	389	422	436	450	464	479	494	510	526
Demineralized water	985	1,077	1,173	1,274	1,315	1,357	1,400	1,445	1,491	1,539	1,589
Hot Oil (Santotherm 66)	3,595	3,928	4,279	4,648	4,798	4,951	5,109	5,273	5,441	5,616	5,796
TOTAL	12,323	13,466	14,668	15,934	16,446	16,971	17,513	18,074	18,652	19,250	19,867

Labour Cost											
Number of Employee	64	64	64	64	64	64	64	64	64	64	64
AVG. Wage/year	14	15	16	17	17	18	19	20	21	22	23
Labour Cost	918	964	1,012	1,063	1,116	1,172	1,231	1,292	1,357	1,425	1,496
Maintenance Cost											
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	155,772	167,747	180,367	194,587	200,133	205,874	211,918	217,949	224,162	230,569	237,783
Plant, Property and Equipment											
ISBL	205,000	191,333	177,667	164,000	150,333	136,667	123,000	109,333	95,667	82,000	68,333
OSBL	75,000	70,000	65,000	60,000	55,000	50,000	45,000	40,000	35,000	30,000	25,000
5 Plant, Property and Equipment	280,000	261,333	242,667	224,000	205,333	186,667	168,000	149,333	130,667	112,000	93,333
Depreciation											
ISBL (15 years)	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667	18,667
Royalty	10,000	9,000	8,000	7,000	6,000	5,000	4,000	3,000	2,000	1,000	0
Catalyst and Chemical	1,167	934	700	467	233	1,167	934	700	467	233	1,167
Amortization											
Royalty (10 years)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Catalyst and Chemical (5 years)	233	233	233	233	233	233	233	233	233	233	233
Amortization Expenses	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	1,233	233
Total depreciation and amortization expenses	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900	18,900
Long-term debt											
Long-term Loan (10 years)	220,000	220,000	198,000	176,000	154,000	132,000	110,000	88,000	66,000	44,000	22,000
Begin to repay in 2003			22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000
Short-term debt											
Overdraft and short-term loan	7,512.12	0	0	0	0	0	0	0	0	0	0
Interest Expense											
Overdraft and short-term loan (Libor apprx. 6%)	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	451	0	0	0	0	0	0	0	0	0	0
Interest on long-term debt	19,800	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970
Interest expense	20,251	19,800	18,810	16,830	14,850	12,870	10,890	8,910	6,930	4,950	2,970

Income Tax											
Tax rate (Tax holiday 8 years and half for the next 5 years)	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
Without Tax holiday											
Earning before Tax	19,355	26,415	35,570	44,651	50,739	56,406	62,311	68,601	75,213	82,171	93,452
Income Tax	5,807	7,925	10,671	13,395	15,222	16,922	18,693	20,580	22,564	24,651	28,036
Other Income											
Interest Income	0	1,379	3,441	4,715	6,280	7,393	8,706	10,171	11,794	13,585	15,567
Short-term investment and deposits at bank	0	27,581	68,813	94,310	125,601	147,858	174,116	203,411	235,884	271,700	311,338
Interest rate (5% per annum)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	11,371	12,278	13,265	14,322	14,750	15,190	15,647	16,117	16,605	17,112	17,827
Administrative management expense											
Number of employees	30	30	30	30	30	30	30	30	30	30	30
Avg. wages per employee (5% increase/yr)	22	23	24	25	26	28	29	31	32	34	35
Total administrative management expense	653	686	720	756	794	833	875	919	965	1013	1064
Cash in hand and deposits at bank											
Cash in hand	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Short-term investment and deposits at bank	0	27,581	68,813	94,310	125,601	147,858	174,116	203,411	235,884	271,700	311,338
Total Debt	247,741	241,457	243,024	222,405	201,146	179,743	158,424	137,167	115,991	94,901	73,992
% of Total Debt & Equities	67%	63%	59%	53%	46%	41%	35%	30%	24%	19%	14%
Cost of Debt	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Total Equities	123,549	142,039	166,938	198,194	233,712	261,351	291,883	325,498	362,352	402,615	448,407
% of Total Debt & Equities	33%	37%	41%	47%	54%	59%	65%	70%	76%	81%	86%
Cost of Equities	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Total Debt & Equities	371,290	383,497	409,962	420,600	434,858	441,094	450,307	462,664	478,343	497,517	522,399
WACC	9%	9%	9%	9%	9%	9%	8%	8%	8%	8%	8%

Assumptions**(BOI Prevedge for Tax exemption is invalid)**

	2012	2013	2014	2015
Production Capacity	350	350	350	350
Capacity Utilization	350	350	350	350
Utilization Rate (%)	100%	100%	100%	100%
Selling Price of PTA				
Domestic Selling Price	1078	1110	1144	1178
Export Price	976	1006	1036	1067
Product				
% Domestic sales	71%	71%	71%	71%
% Export sales	29%	29%	29%	29%
15 Sales revenues				
Domestic sales	269,392	277,389	285,886	294,382
Export sales	97,698	100,701	103,704	106,807
Total sale revenues	367,090	378,090	389,589	401,189
Feedstocks				
% Domestic paraxylene	100%	100%	100%	100%
Domestic paraxylene, tons	232,750	232,750	232,750	232,750
Domestic price, \$/ton	852	879	907	936
Domestic paraxylene cost, '000\$	198,230	204,595	211,127	217,895
Total Paraxylene cost, '000\$	198,230	204,595	211,127	217,895
Acetic Acid	15,862	16,372	16,894	17,436
Isobutyl Acetate	1,021	1,054	1,087	1,122
Hydrogen	85	88	91	93
Sodium Hydroxide	932	962	992	1,024
Misc. Catalysts	851	878	906	935
TOTAL	216,981	223,948	231,097	238,505
UTILITY COSTS				
Power	8,343	8,611	8,886	9,171
Cooling water circulation	3,995	4,123	4,255	4,391
Inert gas	543	561	579	597
Demineralized water	1,639	1,692	1,746	1,802
Hot Oil (Santothem 66)	5,981	6,173	6,370	6,574
TOTAL	20,501	21,159	21,835	22,535

Labour Cost				
Number of Employee	64	64	64	64
AVG. Wage/year	25	26	27	28
Labour Cost	1,571	1,649	1,732	1,818
Maintenance Cost				
Maintenance Cost (3% of ISBL)	6,150	6,150	6,150	6,150
17 Cost of Goods Sold	245,203	252,906	260,814	269,008
Plant, Property and Equipment				
ISBL	54,667	41,000	27,333	13,667
OSBL	20,000	15,000	10,000	5,000
5 Plant, Property and Equipment	74,667	56,000	37,333	18,667
Depreciation				
ISBL (15 years)	13,667	13,667	13,667	13,667
OSBL (15 years)	5,000	5,000	5,000	5,000
Depreciation Expenses	18,667	18,667	18,667	18,667
Royalty	0	0	0	0
Catalyst and Chemical	934	700	467	233
Amortization				
Royalty (10 years)	0	0	0	0
Catalyst and Chemical (5 years)	233	233	233	233
Amortization Expenses	233	233	233	233
Total depreciation and amortization expenses	18,900	18,900	18,900	18,900
Long-term debt				
Long-term Loan (10 years)	0			
Begin to repay in 2003	22,000			
Short-term debt				
Overdraft and short-term loan	0	0	0	0
Interest Expense				
Overdraft and short-term loan (Libor approx. 6%)	6.00%	6.00%	6.00%	6.00%
Interest rate for long-term debt (Libor+3.0%)	9.00%	9.00%	9.00%	9.00%
Interest on short-term loan	0	0	0	0
Interest on long-term debt	990	0	0	0
Interest expense	990	0	0	0

Income Tax				
Tax rate (Tax holiday 8 years and half for the next 5 years)	30.00%	30.00%	30.00%	30.00%
Without Tax holiday				
Earning before Tax	100,210	106,263	112,846	119,393
Income Tax	30,063	31,879	33,854	35,818
Other Income				
Interest Income	17,795	20,168	23,792	27,576
Short-term investment and deposite at bank	355,899	403,355	475,846	551,517
Interest rate (5% per annum)	5%	5%	5%	5%
Selling & administrative expense (5% of Sales)	18,354	18,904	19,479	20,059
Administrative management expense				
Number of employee	30	30	30	30
Avg. wages per employee (5% increase/yr)	37	39	41	43
Total administrative management expense	1117	1173	1231	1293
Cash in hand and deposite at bank				
Cash in hand	40,000	40,000	40,000	40,000
Short-term investment and deposite at bank	355,899	403,355	475,846	551,517
Total Debt	53,167	32,427	34,219	36,100
% of Total Debt & Equities	10%	6%	5%	5%
Cost of Debt	10%	10%	10%	10%
Total Equities	497,510	549,579	604,873	663,376
% of Total Debt & Equities	90%	94%	95%	95%
Cost of Equities	8%	8%	8%	8%
Total Debt & Equities	550,677	582,006	639,092	699,476
WACC	8%	8%	8%	8%

BIOGRAPHY

Sorrapong Udomsilp was born on November 1972 in Bangkok, Thailand. He graduated the Bachelor's Degree in Industrial Engineering from Chulalongkorn University in 1994. Since 1994 to the present, he worked for The Aromatics (Thailand) Public Company Limited. During his work in the year 1997, he has attended to study in Engineering Management at The Regional Centre for Manufacturing Systems Engineering for Master Degree at the same university and graduated in 1999.

