

Table 2: The optimal PC-solution based on the parameters of Cray XC40 core number 1408 presented on the previous page.

Outokumpu Oyj		CPU-secs: 256.57				Solved: 30.3.2018 14:13:00		CHECK															
Discounted:		Solve				CHANGE DEFAULTS		Save results															
Net income 0.530452						Load data for Outokumpu Oyj																	
Dividends 0.01		System model: generator_2																					
Cash flow 2.94																							
Decision variables/deviations		Key decisions					PERIOD:																
		2017		2018		2019		2020		2021		2017		2018		2019		2020		2021			
1: Sales		3.7016		3.7386		3.7760		3.8137		3.8519		Optimal cash		2.042050		1.941612		2.057951		2.209969		2.398954	
2: Operations		2.3889		3.7386		3.7760		3.8137		3.8519		Cash from statements		2.042050		1.941612		2.057951		2.209969		2.398954	
3: New debt												Maximal Sales Volume		4.81		3.74		3.78		3.81		3.85	
4: Amortization		0.0444		0.0431		0.0419		0.0406		0.0395		Optimal Sales Volume		3.70		3.74		3.78		3.81		3.85	
5: Investments				0.4851		0.3063		0.3098		0.3134		Actual Sales Volume		3.70		3.74		3.78		3.81		3.85	
6: New issues												Maximal Operations		3.50		3.74		3.78		3.81		3.85	
7: Dividends		0.0031		0.0031		0.0031		0.0031		0.0031		Optimal Operations		2.39		3.74		3.78		3.81		3.85	
8: Depreciation		0.2493		0.2698		0.2730		0.2762		0.2794		Actual Operations		2.39		3.74		3.78		3.81		3.85	
9: Dividend deviation (Divdiff)												Minimal Depreciation		0.27		0.30		0.30		0.30		0.31	
10: Equity deviation (EKdiff)												Optimal Depreciation		0.25		0.27		0.27		0.28		0.28	
11: Debt-Equity deviation (D/E_diff)												Actual Depreciation		0.25		0.27		0.27		0.28		0.28	
12: Repayment deviation (REPdiff)												Minimal Equity/Assets		0.70		0.70		0.70		0.70		0.70	
13: Max dividend deviation (MAXdivdf)				0.4851		0.3063		0.3098		0.3134		Optimal Equity/Assets		0.40		0.41		0.42		0.43		0.45	
14: Investment deviation (Inv_diff)				0.4851		0.3063		0.3098		0.3134		Actual Equity/Assets		0.40		0.41		0.42		0.43		0.45	
15: Optimal cash from operations		2.0421		1.9416		2.0580		2.2100		2.3990		Maximal New Issues											
16: Pretax profit ⁺		0.2078		0.1178		0.1534		0.1904		0.2288		Optimal New Issues											
17: Net loss ⁻												Actual New Issues											
18: Inventory volume												Maximal Dividend		1.58		2.39		2.53		2.69		2.89	
Liquidity difference												Minimal Dividend		0.00		0.00		0.00		0.00		0.00	
												Optimal Dividend		0.00		0.00		0.00		0.00		0.00	
												Actual Dividend		0.00		0.00		0.00		0.00		0.00	
												Equal Amortization		0.05		0.04		0.04		0.04		0.04	
												Optimal Amortization		0.04		0.04		0.04		0.04		0.04	
												Actual Amortization		0.04		0.04		0.04		0.04		0.04	
												Optimal fixed assets		2.62		2.84		2.87		2.91		2.94	
												Actual fixed assets		2.62		2.84		2.87		2.91		2.94	
												Optimal long term debt		1.48		1.44		1.40		1.35		1.32	
												Actual long term debt				1.44		1.40		1.35		1.32	
												Optimal new debt											
												Actual new debt											
												Optimal investments				0.49		0.31		0.31		0.31	
												Actual Investments				0.49		0.31		0.31		0.31	
PERIOD:		2012		2013		2014		2015		2016		PERIOD:		2017		2018		2019		2020		2021	
Inventory volume		2.28		1.19		1.55		1.36		1.31		Inventory volume		0.00		0.00		0.00		0.00		0.00	