

Financial Model - business case for biomass boiler programme

Borrowing Period (years): 20.0
 Discount Rate: 1.50%
 Borrowing figure: 4.35%

Costs	TOTAL	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
	£	2012/13 £	2013/14 £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £	2020/21 £	2021/22 £	2022/23 £	2023/24 £	2024/25 £	2025/26 £	2026/27 £	2027/28 £	2028/29 £	2029/30 £	2030/31 £	2031/32 £
Capital Expenditure																					
Programme Capital Costs	2,730,000	2,730,000																			
TOTAL capital expenditure	2,730,000	2,730,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Revenue Implications - Wiltshire Council																					
Capital Repayment	2,730,000	0	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500	136,500
Interest on Borrowed Value	1,246,920	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346	62,346
Maintenance Costs	749,237	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462	37,462
Biomass Fuel Costs	3,945,298	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265	197,265
Project Management Posts	919,186	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959	79,959
Renewable Heat Incentive	-5,607,332	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367	-280,367
Charges to Schools for Heat	-7,757,076	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854	-387,854
NET REVENUE impacts (Wiltshire Council)	-3,773,767	-291,188	-154,688	-154,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688	-194,688
- Discounted Cashflow	-3,260,679	-286,885	-150,150	-147,931	-183,432	-180,721	-178,051	-175,419	-172,827	-170,273	-167,757	-165,277	-162,835	-160,428	-158,058	-155,722	-153,420	-151,153	-148,919	-146,719	-144,550
TOTAL NPV	-3,260,679	-286,885	-150,150	-147,931	-183,432	-180,721	-178,051	-175,419	-172,827	-170,273	-167,757	-165,277	-162,835	-160,428	-158,058	-155,722	-153,420	-151,153	-148,919	-146,719	-144,550
Revenue Implications - School Estate																					
Oil Plant Servicing & Maintenance Costs	-249,746	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487	-12,487
Oil Fuel Costs	-7,289,717	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486	-364,486
Payments to Wiltshire Council for Heat	7,757,076	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854	387,854
Carbon Reduction Commitment	-1,014,330	-19,696	-19,696	-26,261	-29,544	-32,826	-36,109	-39,391	-42,674	-45,957	-49,239	-52,522	-55,805	-59,087	-62,370	-65,652	-68,935	-72,218	-75,500	-78,783	-82,066
NET REVENUE impacts (School Estate)	-796,716	-8,815	-8,815	-15,380	-18,663	-21,946	-25,228	-28,511	-31,793	-35,076	-38,359	-41,641	-44,924	-48,206	-51,489	-54,772	-58,054	-61,337	-64,620	-67,902	-71,185
- Discounted Cashflow	-655,699	-8,685	-8,556	-14,708	-17,584	-20,371	-23,072	-25,689	-28,223	-30,677	-33,052	-35,351	-37,574	-39,723	-41,801	-43,809	-45,749	-47,621	-49,428	-51,172	-52,853
TOTAL NPV	-655,699	-8,685	-8,556	-14,708	-17,584	-20,371	-23,072	-25,689	-28,223	-30,677	-33,052	-35,351	-37,574	-39,723	-41,801	-43,809	-45,749	-47,621	-49,428	-51,172	-52,853
NET REVENUE impacts (Total)	4,634,632	-300,003	-163,503	-170,069	-213,351	-216,634	-219,916	-223,199	-226,482	-229,764	-233,047	-236,330	-239,612	-242,895	-246,177	-249,460	-252,743	-256,025	-259,308	-262,591	-265,873
TOTAL NPV	-3,916,379	-295,570	-158,706	-162,640	-201,016	-201,093	-201,123	-201,108	-201,050	-200,950	-200,809	-200,628	-200,409	-200,152	-199,859	-199,531	-199,169	-198,774	-198,348	-197,890	-197,403

The financial summary for each school is presented in Appendix B. The capital cost shown does not include future cost liabilities as these costs are not currently due to be incurred during 2012-13. The assumptions for these calculations are based on the best data available and all prices are pre-tender values and all assumptions are provided in Table B2.