

ENERGY AND ENVIRONMENTAL CONSERVATION SPEND TO SAVE 2005/06 PROGRAMME

Abstract

This report seeks approval to the provision of supplementary funding from the Property Renewal and Repair Fund to undertake a programme of energy and environmental conservation projects in support of the Council's Energy Management Strategy at an estimated cost of £76,200.

RECOMMENDATION

The Resources and Central Services Committee is recommended to:

1. note the programme of energy and environmental conservation projects planned for 2005/06 and
2. approve the bid for supplementary funding in the sum of £76,200 from the Property Renewal and Repair Fund in 2005/06.

1 INTRODUCTION

The Energy Management Strategy adopted by the Council requires the undertaking of programmes of "Spend To Save" programmes which will contribute to a co-ordinated strategy for reducing the greenhouse gasses emissions of Council non-housing properties, in conformance with the objective set by the Government of achieving a 12.5% reduction from 1990 levels by 2010.

It is proposed to carry out a programme of such projects in 2004/05 and this report seeks approval of funding provisions from the Property Renewal and Repair Fund.

2 BACKGROUND

A series of successful programmes of "Spend to Save" projects have been undertaken in previous years, as detailed in Report No 742/03, REVIEW OF THE ENERGY MANAGEMENT UNIT.

It is planned to undertake a further programme of "Spend to Save" projects in 2005/06 to reduce energy consumption, reduce CO₂ production, and continue to provide training of specific council employees.

The proposed programme comprises:

- Lochside Leisure Centre replacement of the boiler plant at a total project cost of £50,000. £15,000 from Spend to Save to support the installation of condensing

boilers and the remaining £35,000 from a previously approved application to the Renewal and Repair Fund.

- Rosehill Resources Centre installation of additional ceiling insulation.
- Montrose Town House provision of an air curtain above the main entrance door, this will help reduce the heat loss when the door is opened and prevent the staff being affected by drafts.
- Brechin High School the fitting of insulation jackets to the valves within the boiler house.
- Websters Sports Centre the fitting of insulation jackets to the valves within the boiler house.
- Arbroath Sports Centre funding to provide a weatherproof enclosure for the new combined heat and power unit.
- Carnoustie Leisure Centre installation of new lighting controls.
- Websters Sports Centre provision of a new high efficiency boiler to serve the swimming pool and ventilation plant. This removes the need to run the main heating plant in the school out with normal school hours and during holiday periods.

3 FINANCIAL IMPLICATIONS

The full cost of these works has been estimated at £76,200 as detailed in Appendix 1.

The cost of carrying out these works cannot be contained within Property Maintenance Revenue budget for the respective departments and there are no provisions in the Capital Programme for 2005/06. It is necessary for supplementary funding to be made available from the Property Renewal and Repair Fund.

The works detailed in this report can be contained within the provisions of the Property Renewal and Repair fund for 2005/06.

4 HUMAN RIGHTS ACT IMPLICATIONS

There are no Human Rights Act implications specific to this report.

Any implications, as a consequence of discharging recommendations detailed in this report, will be managed in accordance with the standing procedures and processes established by the Property Services department.

5 CONSULTATION

The Chief Executive, the Director of Law & Administration and the Acting Director of Finance have been consulted in the preparation of this report.

REFERENCES

<u>Committee</u>	<u>Date</u>	<u>Report No</u>	<u>Subject</u>
Personnel and Property Services	11 March 2003	327/03	PROPERTY RENEWAL AND REPAIR FUND PROGRAMME 2003/04
Resources and Central Services Committee	19 June 2003	742/03	REVIEW OF THE ENERGY MANAGEMENT UNIT

APPENDICES

Appendix 1 2005/06 Energy Spend To Save Programme

BACKGROUND PAPERS

No background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information), were relied on to any material extent in preparing the above report.

M G Lunny
Director of Property Services

Appendix 1 2005/06 Energy Spend to Save Programme

Property	Description	% Energy savings	Cost savings p/a	kgCO2 savings p/a	Project cost	Payback years
Lochside Leisure Centre	Install condensing element to boilers*	20%	£1,000	7,155	£15,000	15
Rosehill Resource Centre	Upgrade ceiling insulation	20%	£333	4,887	£3,000	9
Montrose Town House	Fit hot air curtain at entrance	5%	£150	1,714	£1,500	10
Brechin HS	Fit insulation on valves in boiler area	10%	£240	24,623	£1,200	5
Websters Sports Centre	Fit insulation on valves in boiler area	10%	£300	30,090	£1,500	5
Arbroath Sports Centre	Formation of new enclosure for CHP				£20,000	
Carnoustie Leisure Centre	Lighting controls	25%	£2,076	12,000	£4,000	2
Websters Sports Centre	Install high efficiency boiler for swimming pool	25%	£6,000	66,000	£30,000	5
Totals			£10,099	146,469	£76,200	

* to be part funded from a previously approved R&R application (£35,000)