



Date: February 9, 2004

TO: Board Members - Parks and Recreation
FROM: General Manager - Parks and Recreation
SUBJECT: Initiative to Improve the Energy Efficiency of City-Owned and City-Occupied Buildings

RECOMMENDATION

THAT the Board endorse recommendations A and B in the attached City Council report entitled Initiative to Improve the Energy Efficiency of City-Owned and City-Occupied Buildings dated February 24, 2004.

POLICY

Park Board has recently endorsed the Sustainable City Initiative and the Corporate Greenhouse Gas Reduction Plan.

BACKGROUND

With the adoption of the above policies by both Council and the Park Board, a significant initiative is being brought forward towards achieving the 20% reduction in the City's corporate greenhouse gas emissions. Park Board's building utility costs are in the order of \$3.8 million and it is estimated that about half of the City's 46,000 tonnes of annual Greenhouses Gases (GHG) emanate from Park Board facilities.

DISCUSSION

The attached report outlines the scope of work for an Energy Performance Contractor that will review energy consumption patterns for City and Park Board buildings, and recommend a program of capital improvements and revised energy management practices. Capital funding required is generally repaid from identified and agreed upon energy savings. Financing is either from City sources or secured by the Contractor at the time when the various capital works are undertaken.

The program will result in some significant mechanical plant and possibly building alterations, that may

lead to further demands for capital funding in order to carry out “piggyback” projects, which may be efficient to undertake as add ons to energy improvement projects.

Building users and staff can also be expected to be affected in potentially significant ways and resources will be allocated to advise stakeholders of planned changes. Specific projects to be undertaken will be identified following the audit and be brought back to the Board for approval.

This approach to energy conservation has been successfully used by UBC, the City of Burnaby and is presently being considered by other municipalities.

SUMMARY

The attached Council report is largely self explanatory and recommends a significant first step in reducing the City’s greenhouse gas emissions.

Prepared by:

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