

ITEM 3  
MANAGER'S REPORT NO. 38  
COUNCIL MEETING 90/05/28

RE: POWER SMART CONVERSION OF OVERHEAD STREET LIGHTS

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 1990 MAY 23  
FROM: DIRECTOR ENGINEERING  
  
SUBJECT: POWER SMART CONVERSION OF OVERHEAD STREET LIGHTS  
  
PURPOSE: To advise Council regarding the proposal submitted by B.C. Hydro to convert the existing overhead lease lights from mercury vapour to high pressure sodium.

RECOMMENDATION:

1. THAT B.C. Hydro be authorized by signed copy of their letter dated 1990 May 07 to proceed with the conversion of the overhead lease lights from mercury vapour to high pressure sodium.

REPORT

B.C. Hydro had contacted Engineering staff in March advising that the Power Smart Efficient Roadway Lighting program was forthcoming. The first step proposed by B.C. Hydro is the conversion of the lease lighting, referred to as "overhead lighting" in their letter.

This conversion does represent good value to the Corporation. B.C. Hydro would normally charge a fee to convert these lights. This program offers the change at no charge. The difference in lease costs between the existing mercury vapour fixtures and the replacement high pressure sodium fixtures proposed would save Burnaby approximately \$3,400 per month based on our current lease light totals. We are currently leasing 1,896 lights from B.C. Hydro.

The light levels produced by the mercury vapour and the replacement high pressure sodium fixtures are approximately the same, providing similar light output at a lower cost to the Municipality.

The conversion of these lights in this manner will require an addendum to our existing Overhead Street Lighting Agreement. B.C. Hydro has proposed that this addendum be provided by the return of a copy of their letter of 1990 May 07, signed by an official of the Municipality.

We are currently completing an analysis of an incentive plan offered by B.C. Hydro as part of the Power Smart program regarding the conversion of our ornamental street lighting system to high pressure sodium. We will be reporting the results of this analysis in a future Council report.

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DIRECTOR ENGINEERING