



25 Fifth Ave.
 P.O. Box 908
 SIOUX LOOKOUT, ONTARIO
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 Phone: (807) 737-3800
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FB-2004-0518

November 29, 2004

John Zych, Board Secretary
 Ontario Energy Board
 P.O. Box 2319
 26th Floor
 2300 Yonge Street
 TORONTO, ON
 M4P 1E4

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RE: CONSERVATION AND DEMAND MANAGEMENT PLAN

Dear Mr. Zych: ^{10/30/04}

Sioux Lookout Hydro wishes to apply for an interim order for approval of Conservation and Demand Management Plans.

Sioux Lookout Hydro's third instalment of the market adjusted revenue requirement is \$43,447.00.

Sioux Lookout Hydro's demand management plans include:

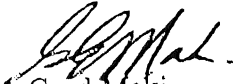
- 1) Reducing our line losses on our distribution system:
 - a) Upgrade the system voltage from 7200 volts to 14000 Volts for a distance of 14km. The approximate system savings would be **199 MWH/YR.**
 - b) A conductor upgrade on our local saw mill express feeder. The conductor would be changed from #2 special to 336 Al. The approximate system savings would be **260 MWH/YR.**
 - c) In the future Sioux Lookout Hydro will implement a transformer purchasing policy of purchasing High Efficient Transformers. The approximate savings will be 465 Watt full load losses.
- 2) A program would be implemented with the Municipality of Sioux Lookout. The capital cost would be shared.
 - a) A street light relamping program. Change 450 fixtures from 250 Watt High Pressure Sodium bulbs to 225 Watt High Pressure Sodium bulbs. The approximate savings would be **50 MWH/YR.**

- b) Change the recreation centre lighting from 400 Watt Metal Halide bulbs to 360 Watt Metal Halide bulbs. The approximate savings would be **4 MWH/YR**.
- 3) An information program on Energy Management in conjunction with the other LDC's in the Northwest would be implemented. This program will include bill inserts, newspaper ads and energy audits.

The approximate savings that Sioux Lookout Hydro could achieve would be **513 MWH/YR**.

The cost of these programs would exceed our third installment of Market adjusted revenue requirement of \$43,477.00.

Yours truly,


Gord Maki
President/CEO

dk

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**SIoux LOOKOUT
HYDRO**

Fax

To: John Zych, OEB

From: Deanne Kulchyski

Fax: 416-440-7656

Pages: 2

Phon

Date: 11/29/2004

e:

Re:

CC:

Urgent

For Review

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