

Office Building, Milvan Drive, North York, Ontario



Green Facts - Energy Audit suggest that the overall cost savings after implementing all recommended measure is **44%**.

LOCATION : 1276042 Ontario Inc.
6 Milvan Drive,
North York, Ontario

OWNER : Mr. Tameshwar Lilmohan
Property Owner
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TEAM MEMBERS : Energy Consultant
ABS Green Inc.

PROJECT DESCRIPTION:

The property is located at 6 Milvan Drive, North York, Ontario. The property is rectangular in shape and comprises an area of approximately 0.085 ha (0.21 ac). The open portion of the property is asphalted except for a small landscaped area fronting Milvan Drive. The property is bounded to the North and West by a commercial establishment and to the South by a fence with open area. Retail establishments are located to the East separated by Milvan Drive.

ENERGY AUDIT EXECUTIVE SUMMARY:

Based on the site reviews, review of facility operating data, equipment schedules, existing documents to prepare inventory of the existing building elements, interviews with Client, Operating Personnel, RETScreen analysis of recommended energy measures suggest both energy and cost savings when compare with actual building.

2010 utility rates extracted form utility bills of \$0.139/Kwh for electricity and \$0.539 /m3 (Includes overall utility charges) for natural gas were used throughout the entire analysis.

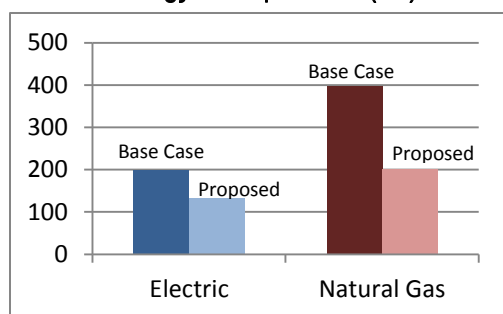
Based on electricity and natural gas billing analysis of actual building, the electricity energy consumption and cost are approximately 199GJ (Gigajoules) (\$7706) & natural gas is 398GJ (\$5610).

Based on RETScreen analysis the proposed building fuel and cost consumptions are approximately for electricity is 131.4GJ (\$5077) and natural gas is 201GJ (\$2865).

After implementing all following recommended energy savings options (A) the total cost savings shall be approximately \$6,667 (44.9%). (B) The total fuel (electric & natural gas) savings shall be 270GJ.

Simply payback analysis including education and engineering fee will be 7.31 years.

Energy Comparison (GJ)



Cost Comparison (\$)

