

REGULAR MEETING OF ENVIRONMENT AND ENERGY INNOVATION COMMITTEE

Wednesday, December 4th, 2019 – 4:30 p.m.

Township of South-West Oxford

Council Chambers

Present: Chair Jim Pickard, Mayor David Mayberry, Works Foreman Adam Prouse,
Chief Building Official Howard Leaver

Staff: CAO Mary Ellen Greb (Replacement for member Bill Freeman), Clerk
Julie Forth

Regrets: Councillor Valerie Durston, Phil Gagnon (community representative),
George Klosler (community representative), Rob McKinlay (community
representative)

Call Meeting to Order

A quorum was present at 4:40 p.m. and Chair Jim Pickard called the meeting to order.

Motion to Accept the Agenda

Resolution No. 1 Moved by Bill Freeman
Seconded by Howard Leaver
RESOLVED that the agenda for the December 4th, 2019 meeting of
the Energy Innovation Committee be approved as amended.

DISPOSITON: Motion Carried

Minutes

Resolution No. 2 Moved by Howard Leaver
Seconded by David Mayberry
RESOLVED that the following minutes of the November 6th, 2019
Energy Innovation Committee meeting be reviewed and approved.

DISPOSITON: Motion Carried

Appointments

Nazeem Abouchami, Durell Systems - Energy Savings and Building Automation

Nazeem Abouchami, of Durell Systems, gave a presentation to the Committee on building connectivity to monitor electricity, heat, energy efficiency, and the ability to program the facilities remotely from one dashboard. He indicated that the return on investment is estimated at approximately two years. Discussion took place regarding cyber security and the availability of a public dashboard to share the information online with residents.

It was suggested that if this is something that the Township would like to explore, to start with one building and to add other buildings over time. Heating, lighting and cooling for facilities can all be controlled remotely through the program. There is cost of approximately \$13,000 to start up; the more buildings that are added, the greater the return on investment would be.

The product allows energy consumption to be tracked and monitored. It also restricts who is able to adjust controls (heating, cooling, lights) at each facility that is connected.

Business Arising from the Minutes

South-West Oxford Emissions Per Capital Report

The Committee discussed the greenhouse gas emissions per capita calculations that were provided at the last meeting. It was noted that depending on how much the population changes, this will impact these calculations. Additionally, the Committee discussed the need to include fuel consumption in these calculations going forward.

Pressure Testing of Township Facilities (Mt. Elgin Community Hall)

Chief Building Official Howard Leaver provided a report to the Committee with the results of the Mt. Elgin Community Hall pressure testing. He commented that the report shows that the windows at the facility are okay, however heat loss is occurring through seals and caulking around windows and doors. The exhaust fan in the kitchen was found to be the biggest waste of energy in the building and there is a lot of heat being lost there. The ceiling in the gymnasium is also another area of heat loss. The report recommends caulking around windows and doors, a cover for the exhaust fan in the kitchen and insulation in the ceiling.

