



TOWN OF MINTO

DATE: December 12, 2017

REPORT TO: Mayor and Council

FROM: Bill White, C.A.O. Clerk

SUBJECT: Applications for microFIT Sites Minto, SunSaver & Arntjen

STRATEGIC PLAN:

10.9 Implement the Integrated Community Sustainability Plan, continue to be a leader in Environmental consciousness, and proceed with energy conservation initiatives including recognizing employees who develop and implement environmentally friendly practices

BACKGROUND

Since 2011 the Town has had a partnership with Rolf Maurer of Arntjen Solar (Sun Saver) regarding green energy installations on Town owned land. The Town has agreements that allowed eight microFIT (less than 10kW) solar panels, a public Electric Vehicle Supply Equipment (EVSE) station (Clifford Arena), and up to eight FIT 4.0 rooftop and ground mount sites (between 10kW and 500kW) to be installed.

Completed MicroFIT sites include Harriston Fire Hall, Palmerston Fire Station, Palmerston Old PUC Building, Palmerston Works Building, Palmerston Sewage Plant, Palmerston Lion's Jigger Building, Harriston Water Tower, and Harriston Ambulance Building.

Complete or partly completed FIT 4.0 locations are the Town Municipal Office (60kW Roof Top), Clifford Arena (100 kW Roof Top), Harriston Arena (250kW Roof Top) and Palmerston Arena (200kW Roof Top). Installations pending 2018 include Clifford Sewage Treatment Plant (250 kW Ground Mounted), Greenbush Park (100 kW Ground Mounted), Harriston Sewage Plant (250 kW Ground Mounted), and Palmerston Industrial Stormwater pond (250 kW Ground Mounted).

COMMENTS:

There is capacity in Independent Electricity System Operator's (IESO) Provincial 2017 Annual Procurement Target. Applications under the microFIT program can be submitted until December 28. Staff and Mr. Maurer identified two Town properties for consideration.

The Town municipal office has power capacity available from Hydro One. The facility could be in the form of a covered building that might house an electric vehicle charging station or a stall for horse and buggy customers. The Harriston Lion's Medical Centre is also suitable for solar installation. If approved the cost of needed roof repair can be written off as part of installation costs. These would be a benefit to the Town's Municipal Service Corporation and a potential income stream for the building. There may be limited capacity in Westario infrastructure to accept the power but this will be confirmed if the application is approved.

FINANCIAL CONSIDERATIONS:

The microFIT program for installations already on Town lands generate about \$10,000 annually. The FIT 4.0 program installations should generate at least \$30,000 per year. The EVSE site in Clifford was installed at no cost to the Town and provides nominal annual revenue given limited public use. At the end of these 20 year programs the Town will have received about \$1 million in revenue from its hosting agreements. Staff will present income information and options for the two new installations if approved by the IESO.

RECOMMENDATION:

That Council receives the C.A.O. Clerk's December 1, 2017 report regarding Applications for microFIT Sites Minto, SunSaver & Arntjen, and Council approves applications being submitted for these sites subject to installation details being presented to Council if an IESO approval contract offer be received.

Bill White, C.A.O. Clerk