

**TOWN OF MINTO**

**DATE:** January 18, 2018  
**REPORT TO:** Mayor and Council  
**FROM:** Bill White, C.A.O. Clerk  
**SUBJECT:** Provincial Workplace Electric Vehicle Charging Incentive Program

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**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**

In 2016 a public Electric Vehicle Supply Equipment (EVSE) station was installed at the Clifford Arena through the Province's Electric Vehicle Charger Program. This was accomplished by Rolf Maurer of Arntjen Solar (Sun Saver 2) on behalf of the Town by applying for units at the municipal office, and three Community Centres. Only the Clifford location was approved.

That one-time program funded 100% of the station cost including 2% annually operating costs that might be incurred. The Town signed a 10 year agreement with Arntjen committing to operating the equipment. After five years funds supporting annual operating costs run out and the Town and Arntjen are fully responsible. After cost revenue is shared 50-50. As was expected users fees for the station have resulted in only a few hundred dollars annual revenue to the Town initially, but this should grow as more electric vehicles come on line.

The new program for workplaces is not 100% funding, and if approved would require a capital contribution by the Town and Arntjen if successful. Arntjen suggest the program could work well with a dual port CT4k (similar than the small charger in Clifford) at the Municipal office in the front parking area beside the accessible parking spot. It also could work at the Palmerston or Harriston arenas, or the Palmerston Railway Heritage Museum. The latter site only has seasonal employees working there, but the site improvements at that location could have broader benefit (paving, lighting etc.). The public can use the charger if it is not occupied by an employee.

Arntjen estimates the cost of a dual port CT4k charger is \$11,000 plus about \$5,000 for electrical installation and \$3,000 for site costs. The approximate cost of \$19,000 would be eligible for 80% funding to a maximum of \$15,000. The incentive is paid on actual invoices submitted on completion of each installation.

**COMMENTS:**

Arntjen has applied on our behalf for several green energy programs over the years. Most recently under the microFIT program their submission for a solar installation at the Town

office was processed by IESO. This means it has a file number and awaits a decision on a contract offer.

Staff appreciates having Arntjen apply on the Town's behalf as they are aware of the information requirements of the Province. If the workplace charger application is successful an agreement will be needed with the company regarding installation, maintenance, and revenue from the charger. To obtain full subsidy the station will need to be installed within six months of receiving a contract offer.

This application process is "first come first served" with some preference given to larger employers over 75 people. However there may have to be some accommodation for smaller business locations in rural Ontario. Having a charging station in the front parking lot of the municipal office will allow the Town to consider electric vehicle options with future purchases (Building Department pickups). The equipment can be tied in to solar installations particularly if the Town's microFIT installation is approved, creating a situation where solar power is directed into the charger as a more "complete" environmental solution.

**FINANCIAL CONSIDERATIONS:**

There are sufficient funds in various budgets to cover the small capital cost for these installations if a contract offer is made.

**RECOMMENDATION:**

That Council receives the C.A.O. Clerk's January 18, 2018 report regarding Provincial Workplace Electric Vehicle Charging Incentive Program and agrees to Arntjen Solar preparing and submitting an application for 80% funding under the incentive program to install Electric Vehicle Charging Equipment at the Town office, Harriston Minto Community Complex, Palmerston Community Center and/or the Palmerston Railway Heritage Museum on the understanding installation, maintenance and cost sharing agreement will be negotiated between the parties if the application is successful.

Bill White, C.A.O. Clerk