



**STAFF REPORT**  
*Public Hearing 1-16-18*

AGENDA ITEM #: 18-03  
COUNCIL MTG OF: January 16, 2018  
FROM: Michael Fowler, P. E., Director of Public Works  
OFFERED BY: Michael Fowler, P. E., Director of Public Works  
PREPARED BY: Michael Fowler, P. E., Director of Public Works  
SUBJECT: Grant Authorization – Electric Vehicle Charging Station (EVCS)

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**PURPOSE:** Authorization by the Town Council to designate the Town Administrator to accept a grant which will cover a significant portion of the cost to install an electric vehicle charging station at the Derry Municipal Center for public use.

**TOWN ADMINISTRATOR COMMENTS:** The Council is encouraged to schedule a public hearing on January 16 and then accept the grant from Tesla to cover over 75% of the project costs.

**BACKGROUND:** The NetZero Committee and EEAC have been investigating the prospect of installing an electronic vehicle charging station (EVCS) for public use. Depending on the recharge rate and other factors such as site conditions, costs to purchase and install a public charging station range from \$5,000 to \$50,000. There are no public EV stations located in Derry. The nearest EV stations available for public use are located at Londonderry Ford and the Liberty Utilities office in Londonderry.

**DISCUSSION:** A presentation was made to the NetZero Committee in which Tesla has established a grant/partnership program which will cover the cost of the EV units, with the customer required to cover a share of the installation cost. The target location for a new EVCS would be in the back row of the Derry Municipal Center parking lot, where there is an existing feed, meter and pedestal installed several years ago to support the Farmer’s Market when it was located at McAllister Court. There would be two pedestals housing four charging units (three Tesla and one Clipper Creek – all makes).

**FISCAL IMPACT:** Tesla would provide the hardware for the four charger units at no cost to the Town with an estimated value of \$4,000. Tesla is also subsidizing \$6,000 of the \$8,377 installation cost provided by their local partner, ReVision Energy. Derry would be responsible for \$2,377, representing a reduced installation cost. Based on feedback from the City of Portsmouth’s experience, Derry should expect to spend \$1,000 - \$1,500 annual electricity supply cost. Some municipalities and public transport agencies charge a fee for access, usually tiered to incentivize the user to open the space after their vehicle has achieved full charge. The general public would be allowed to park and plug into the EV charging units at no cost initially. The Town Council could consider fees in the future, depending on actual use.

**RECOMMENDED ACTION BY TOWN COUNCIL:** Vote to authorize the Town Administrator to pursue this grant opportunity through Tesla.

**RECOMMENDED MOTION:** See attached Resolution 2018-002.