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Planning Department Memorandum

To: Green City Council

From: Sarah Haring, Community Development Administrator

Date: November 16, 2021

Re: EV Charging Stations – Legislation Granting Pricing Authority

Background:

In March 2021 the city was awarded an Ohio EPA Diesel Mitigation Trust Fund grant in the amount of \$22,500 to support the installation of two electric vehicle (EV) charging stations to be located at the Central Administration Building. In April 2021 the city received a NOPEC Energized Community grant in the amount of \$16,429 for the same project. The total project cost is \$52,805 resulting in a city share of \$13,876.00. 5-year support (ChargePoint) and warranty services for the equipment is included in the project cost.

The equipment includes two Level 2 charging stations with a total of four ports, requiring 240-volt 30 Amp circuits capable of providing up to 25 miles of range in an hour charge. These stations can charge any electric vehicle. Charger units are owned by the City of Green who is responsible to set pricing and pay all associated electricity costs. As part of the grant agreement, the city has agreed to host and operate the charging stations for a minimum of five (5) years.

Why Legislation is Needed:

This legislation grants authority to the Mayor to establish the EV Charging Station fee schedule administratively. The schedule will be reviewed annually by the Finance Director to ensure fees are in line with the average Ohio electric utility rate.

Fiscal Impacts/Pricing Policy:

Electric usage charges will be billed directly to the EV operator via their electric vehicle charging station account provider (ChargePoint or similar) and subsequently reimbursed to the city for payment of monthly utility billing. User fees will be based on the average Ohio electric utility rate as recommended by ChargePoint and charged in Kw/hr usage (0.20 cents/Kw or \$1.32 per hour). Initially EV operators will be charged the rate of 0.20 cents/Kw for the first 4 hours and \$2.00 per hour for every hour beyond the 4-hour time limit to discourage “parking but not charging.” Rates can be adjusted through ChargePoint at any time.

Recommendation:

The installation of the charging stations is complete. Activation will occur immediately upon determination of the pricing policy. Because of the readiness of this project, first reading passage is requested.