

Memorandum of Understanding

Between the City of Spokane and Avista Utilities

Regarding

Climate Pollution Reduction Grant Opportunity

INTRODUCTION

The purpose of this Memorandum of Understanding (MOU) is to memorialize the understanding and agreement between the City of Spokane (City) and Avista Utilities (Avista) concerning a federal grant opportunity for Climate Pollution Reduction (Grant). (The City and Avista may be referred to individually as a “Party” and together as the “Parties”.) The City and Avista are partnering with Washington State Department of Commerce (State) who is the prime applicant for the Grant. The City and Avista would be considered subrecipients to the State if the State’s application is successful. The Greenhouse Gas (GHG) reduction “measure” the City and Avista are proposing through the State’s application would convert approximately eighty-seven (87) light-duty vehicles owned by the City to electric vehicles (EVs) and provides for two (2) separate demonstrations.

The first demonstration will be using smart charging technology to minimize on-peak loads, without the need for power export from the vehicles, (i.e., the fleet charging loads are optimized via one-way signals to the vehicles and/or chargers). This technology is often referred to as “V1G”. The second demonstration (the “mobile power demonstration”) will look to provide backup power utilizing initially one or more City-owned EVs at a City-owned water pumping facility or one or more other facilities providing critical public services during an extreme weather event. These technologies are also known as vehicle-to-load, or “V2L”. There will be the potential to utilize a bus from Spokane Transit Authority (STA) if the first demonstration utilizing City-owned EVs proves successful.

The replacement of eighty-seven (87) light-duty fleet vehicles with EVs will have a direct impact on the reduction of local pollutants and GHGs. Both demonstrations are intended to show that, when scaled, the result is significant GHG reduction, improved resiliency, and lower costs to both the City and to Avista. This project has the potential to be a catalyst for broader fleet electrification in the region, as well as a model for other public and private fleets across the state and the U.S. This MOU outlines the general responsibilities of both the City and Avista if the State is successful in receiving the grant.

GOAL

The goal of this MOU is to outline the roles and responsibilities of each Party and to acknowledge each Party’s commitment to fulfill the Grant requirements of completing the measures with the funding available and within the required timeframe.

ROLES AND RESPONSIBILITIES

City of Spokane: The City will be the lead and/or coordinate the following:

- Provide a lead contact to ensure the successful outcome of this measure;
- The purchase and commissioning of eighty-seven (87) light-duty EVs;
- Coordinate with Avista to site the charging station locations for the new EVs, including the charging designs for V1G installations that may be tailored to the fleet's needs over time;
- Coordinate with Avista to select at least two (2) City facilities to be used for the mobile power demonstration and install any necessary equipment or systems at those facilities and on the EVs for seamless connectivity and power export/import;
- Coordinate with STA for the potential use of a transit bus during the mobile power demonstration;
- Operate and maintain charging stations and V1G and V2L systems with assistance from Avista;
- Participate in any reporting and closeout processes required by the Grant.

Avista: Avista will be the lead and/or coordinate the following:

- Provide a lead contact to ensure the successful outcome of this measure;
- In coordination with the City, site, design and install charging equipment and V1G systems tailored to the fleet's needs over time;
- Lead the RFP process and selection of V1G and V2L systems;
- Assist the City in the selection of at least two (2) City facilities to be used for mobile power demonstration;
- Manage the design, purchase, installation and commissioning of the charging stations, V1G and V2L systems, with assistance as needed from the City
- Participate in any reporting and closeout processes required by the Grant.

This MOU is subject to revision and termination only upon written agreement by both Parties, and is intended to be in effect for the length of the Grant's timing requirements (approximately five (5) years, if the State is selected as a recipient).

Marlene Feist

Date: Mar 27, 2024

Marlene Feist, Division Director Public Works

City of Spokane

Nicole L. Hydzyk

Nicole L. Hydzyk (Mar 27, 2024 06:34 PDT)

Date: Mar 27, 2024

Nicole Hydzyk, Director of Energy Efficiency,
Products & Services, and Customer Facing Technology

Avista










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