

Attachment A - Project Abstract- DRAFT

Charging and Fueling Infrastructure Grant

The Town of Truckee's Access to Community Electrification (ACE) Master Plan Project includes a planning component and a construction/implementation component. The planning component calls for a feasibility study to develop an Electric Vehicle Infrastructure Master Plan (EVIMP) for the Town of Truckee. The EVIMP will consider local short-and long-term electric vehicle (EV) purchase projections and the associated demand for charging stations, potential charging site locations, charging infrastructure needs, and the local electric grid capacity. The EVIMP will also include preliminary engineering designs and specifications for sites prioritized in the plan. The primary goal for the Town's ACE Master Plan project is to provide equitable access to a public charging network and identify affordable charging options for a diverse range of users. The study will include community engagement and collaboration to consider environmental justice and focus on underrepresented and disadvantaged populations, workforce development, and educational programs. Finally, the EVIMP will develop a method for infrastructure procurement and financing options, including contractor terms, charging fees, long-term maintenance costs, and carbon credits.

The implementation component includes purchase and installation of public electric vehicle charging stations and the related infrastructure at two Town maintained locations that have been identified as key locations to provide electric vehicle charging. The first site is located at Town Hall, which is in the Truckee Tahoe Airport business district, surrounded by nearly 50 businesses within less than one mile. There are currently three Level II charging ports at Town Hall, with an approximate utilization rate of 70%. Considering the growing adoption of electric vehicles, it is expected that the utilization rate will continue to increase, requiring more charging ports at this location. The second site is located at the Public Services Center, which is central to the Town's Department of Public Works, Town of Truckee Animal Services, Humane Society of Truckee-Tahoe, and the Truckee Ranger District, and is located across the street from Coburn Crossing Apartments, a 138-unit Workforce Housing development, and SpringHill Suites by Marriott. It is expected that chargers at this location will primarily serve an unmet need for the workforce at these locations, as well as the residents and visitors at the neighboring apartments and hotel, where there are currently no publicly accessed chargers.

Both components of the Town's ACE Project align with local, regional, state, and federal goals of reducing greenhouse gas emissions and increasing access to low- and zero-emissions vehicle options. The State of California has enacted several regulations and programs to meet ambitious climate goals, including banning the sale of new gasoline-powered vehicles starting in 2035. In order to help support these goals in Truckee and the surrounding areas, the Town intends to be proactive in providing publicly accessed electric vehicle charging infrastructure. The Town has a unique ability to pioneer the ZEV transition and help lead the way in overcoming challenges facing rural mountain towns. The ACE Master Plan Project will be the Town's initial endeavor to plan for, provide, and support accessible public charging infrastructure for residents, the commuting workforce, and visitors traveling in the Truckee Tahoe region and surrounding areas.