SUPPORT ELECTRIC VEHICLE CHARGING STATIONS NEAR CCRH

March 24th, 2020
UVM Transportation & Parking Services
UVM'S EV CHARGING NETWORK

- Adding 2, dual-port stations – 4 spaces
  - Serves important east & central region of campus
- Nearly 100 registered EVs or PHEVs in TPS system
  - Growing with a robust portfolio of federal, state, local, & dealer incentives
- As EV use increases, need to develop a long-term plan for installing charging infrastructure
CLIMATE & HEALTH BENEFITS OF SUPPORTING ZERO EMISSIONS VEHICLES

➢ Works towards Vermont’s climate action goals
➢ Reduces UVM’s GHG emissions
➢ Improves air quality
➢ Advances renewable energy infrastructure
➢ Supports UVM's climate resiliency
➢ Both Electric Vehicles (EVs) & Plug-In Electric Hybrids (PHEVs) can use these stations

➢ Cheap & convenient: Electricity is half the price of gasoline
  ➢ $0.17/kWh = ~$1.38/gallon*

➢ Lower maintenance costs

➢ Emerging used vehicle market for EVs

➢ EVs are becoming more and more affordable with incentives up to $19,000* off the purchase price

ADDITIONAL BENEFITS
WHY HERE?

➢ Proximity to two residence halls & UVMMC
  ➢ Highly visible & accessible
  ➢ Increasing capacity
    ➢ Reduce range anxiety and circling to find an open charging station
➢ Already raised much of the needed funds
  ➢ Project leverages competitive grant funds & departmental contributions
  ➢ Makes student’s CEF dollars go further
THANK YOU