



NET ZERO ENERGY

BURLINGTON VERMONT



Burlington Electric Department (BED)

- Burlington's municipal electric utility
 - Public Power since 1905
 - 118 employees, including the McNeil Generating Station
- 21,000+ customers
 - 17,196 residential / 3,876 commercial and industrial
 - >6,000 residential accounts turn over each year
- Electricity facts:
 - Summer Peak: ~65 MW / Annual energy Use: ~330,000 MWH
 - Third largest electric utility in Vermont
 - McNeil is the largest energy producer in Vermont with VY Retirement
 - 100% of power from renewable generation as of 2014
 - No rate increase since 2009





- ❑ **BED Tier 3 Energy Innovation Programs**
 - ❑ **EV rebate** of \$1,200, or \$1,800 for low/moderate income customers
 - ❑ **PHEV rebate** of \$1,200, or \$1,500 for low/moderate income customers
 - ❑ **Tier 3 incentive for residential EVSE** tied to new BED Residential Charging Rate(credit) – charge off-peak for equivalent of 60 cents a gallon of gas
 - ❑ **EV finance partnership with VSECU, Vermont Federal and Green Mountain Credit Unions**
 - ❑ **EV Workplace Charging Station Incentive** of \$1,000
 - ❑ **EV Public Chargers** – 15 stations and 27 ports around the City including at UVM
 - ❑ **Auto Dealer Partnership** – point of sale rebates available





Tier 3 Results to-date

- 118 EV/PHEV rebates since May 2017
 - 7 low/moderate income enhanced rebates
 - 3 finance loans through credit union partners
 - 14 EV charging station rebates
 - 28 customers signed up for EV rate (as of Jan. 2020)
- 9.99 megawatt hours from 15 charging stations Jan 2020 (1067 sessions)





Policy Items -

- **BED agrees with PUC reports calling for delay in new EV fees until we reach 15% of sales/new registrations annually.** Charging up with BED's 100% renewable electricity at residential rates is currently cheaper than fueling up with gasoline, and we should be cautious about eroding that price advantage for clean energy. In addition, BED's data shows more than half of every dollar spent charging up an EV with BED stays in the Vermont economy, compared to approximately 20 cents staying in the Vermont economy from fossil fuel purchases.
- **EV rate** - BED is the only utility in the state with an existing residential EV end use rate. As of January 2020, of more than 250 EV/PHEV drivers in Burlington, only 28 have signed up for the rate. If a per kwh tax existed today, there would be nearly 90% avoidance of the kwh tax by EV drivers who have not elected to go on the EV rate.
- **Keep Options on Table** - BED supports continued examination of a hybrid approach studying *both* kwh fee implementation (with particular emphasis on public tariffed charging stations) *and* looking at registration fees as approximately 20 other states have done.



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