



# Proposed Net Zero Energy & Grid Reliability Revenue Bond

Burlington Neighborhood Planning Assemblies  
Fall 2024



## BED Revenue Bond Basics

- Authorized under City Charter § 3-421 and General Bond Resolution adopted by Board of Electric Commissioners in 1981
- Requires approval of a majority of Burlington voters
- Payable solely from BED rates and revenues, not City General Fund or property taxes. No property tax impacts from BED revenue bonds.
- An obligation only of BED, not of the City (does not affect City's debt ratio or policy)
- BED has used issued revenue bonds several times since 1981 – for McNeil Generating Station construction, initial Energy Efficiency funding, AMI/Smart Grid infrastructure, purchasing Winooski One hydroelectric facility, and most recently for the 2022 Net Zero Energy Revenue Bond





## 2022 Net Zero Energy Revenue Bond Update

- **Builds on Prior Net Zero Energy Revenue Bond** – BED's \$20 million 2022 Net Zero Energy Revenue Bond has supported:
  - grid upgrades raising capacity from 77 megawatts to 80 megawatts,
  - key technology systems upgrades (including the new meter data management system and customer portal),
  - EV charging infrastructure (including first modern public fast charger in our network),
  - EV fleet conversion (including first all-electric bucket truck in Vermont), and
  - renewable plant investments.

BED has currently spent \$11.7 million of the 2022 revenue bond and expects to use the remainder to fund FY25 capital projects.





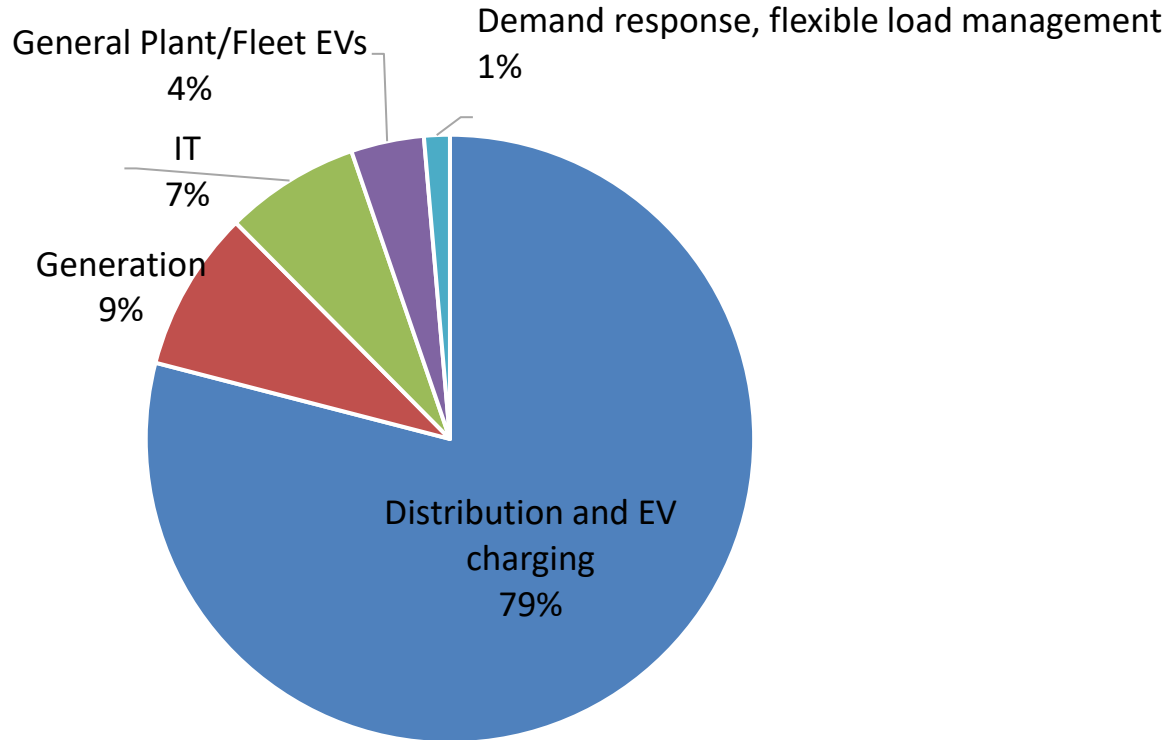
## \$20 Million Net Zero Energy and Grid Reliability Revenue Bond Proposal

- continue grid upgrades to increase capacity further to 90 megawatts to support adding more EVs, heat pumps, geothermal systems, E-buses and more in Burlington;
- complete technology systems upgrades;
- invest in our renewable plants including FERC relicensing at Winooski One and wood chip dryer efficiency measure for McNeil,
- support EV fleet conversion (10 new BED EVs, second all-electric bucket truck, and electric forklift) replacing fossil fuel and older vehicles, and
- invest in 88 new public EV charging stations (including 38 new fast chargers).





## How the \$20M NZE & Grid Reliability Bond Proceeds Will Be Invested





## Net Zero Energy and Grid Reliability Revenue Bond reduces near-term rate pressure

**FY26 Projected Rate Pressure to Reach 120 Days Cash On Hand**  
*(assuming full funding of capital projects and Net Zero Energy initiatives)*

Financing Option	Projected Rate Pressure FY26
Without Revenue Bond	+12.8%
With Revenue Bond	+2.0%