

# City of South Burlington Energy CIP Overview

City Council  
January 3, 2022



# Facilities – Review and Stewardship

## Review

\$10,000 per year

Studies to identify potential savings

## Stewardship

\$10,000 per year

Small – easy projects

Not repair

## Funding

Could be grouped in multiple years for larger projects



**Holmes Rd. Fire Station is a key candidate**

Age

Energy Cost

# Fire Station #2 Weatherization

- Previous studies indicate that window and roof replacement should be considered
- Current financial analysis does not support upgrade at this time
- Programed for FY29 project
  - Will be reviewed every 2 to 3 years
  - Design FY 28           \$20,000
  - Construction Fy29   \$160,000 (FY21 \$)



# Solar at Airport Parkway WWTP

- Learning From 180 Market St. Project
  - Analysis Simpler Than 180 Market St.
  - Construction More Involved
  - Design and Construction
    - FY 25 \$150,000
    - FY 26 \$100,000
- To Be Coordinated With Water Turbine Project
  - Water Turbine Greater Cost With More Power
  - May Not Be Appropriate to Do Both
- Directly Addresses Largest Electricity Consumption
- Large Potential Areas Exist
  - Add To Airport Parkway WWTP Facility
  - Design Into Bartlett Bay WWTP Facility Upgrade



Waterbury Installation



# Summary

- Energy Revolving Fund Supports All Projects
  - Integrated With Capital Fund
    - Small Projects Engaged Efficiently
    - Medium Projects Publically Identified – Capital Plan
    - Large Projects Beyond Scope of Fund
- Energy Efficiency Is Best Achieved In The Design Process