



Carbon Neutrality Programs Annual Update

Committee of the Whole
November 7, 2023

Energy Waste Reduction Programs

- ▶ As of December 31, 2021, Municipal electric utilities are no longer required to offer Energy Efficiency Programs
- ▶ BWL continues to manage and grow its portfolio of energy waste reduction programs to support our customers, BWL strategy, and carbon reductions
- ▶ In fact, BWL is **increasing its** targets for energy efficiency:
 - 1.25% in 2022; 1.35% in 2023 and 1.5% for 2024-26
- ▶ Program design in place for 2022-26
 - ▶ Currently expanding this plan to include 2027
 - ▶ Current contractor in place through 2024

Energy Waste Reduction Summary - Calendar Year 2022

2022 Program	Goal - Savings (kwh)	Final Results - Savings (kwh)	Goal - Budget (\$)	Final Results - Budget (\$)
Low Income		440,521		\$353,089
Residential		5,078,396		\$532,593
Business		18,237,832		\$2,082,629
Total Portfolio	22,632,207	23,756,749	\$3,517,822	\$2,968,311
Administration			\$ 300,000	\$ 255,236
Evaluation			\$ 200,000	\$ 220,704
TOTAL	22,632,207	23,756,749	\$4,017,822	\$3,444,251

Energy Waste Reduction- Residential Programs

- Hometown Help
 - Services for Income Qualified Customers
- High Efficiency/ ENERGY STAR™ Products
 - Lighting
 - Appliances
 - Heating and Cooling (HVAC)
- Appliance Recycling
- Multifamily Services
- Education and Pilot Programs



Energy Waste Reduction - Business Programs

▶ Small Business

- ▶ Enhanced incentives for businesses that meet criteria (number of employees, square footage)
- ▶ For 2023, program exceeded kwh targets by June!

▶ Prescriptive Program

- ▶ Lighting, Heating and Cooling incentives

▶ Custom Program

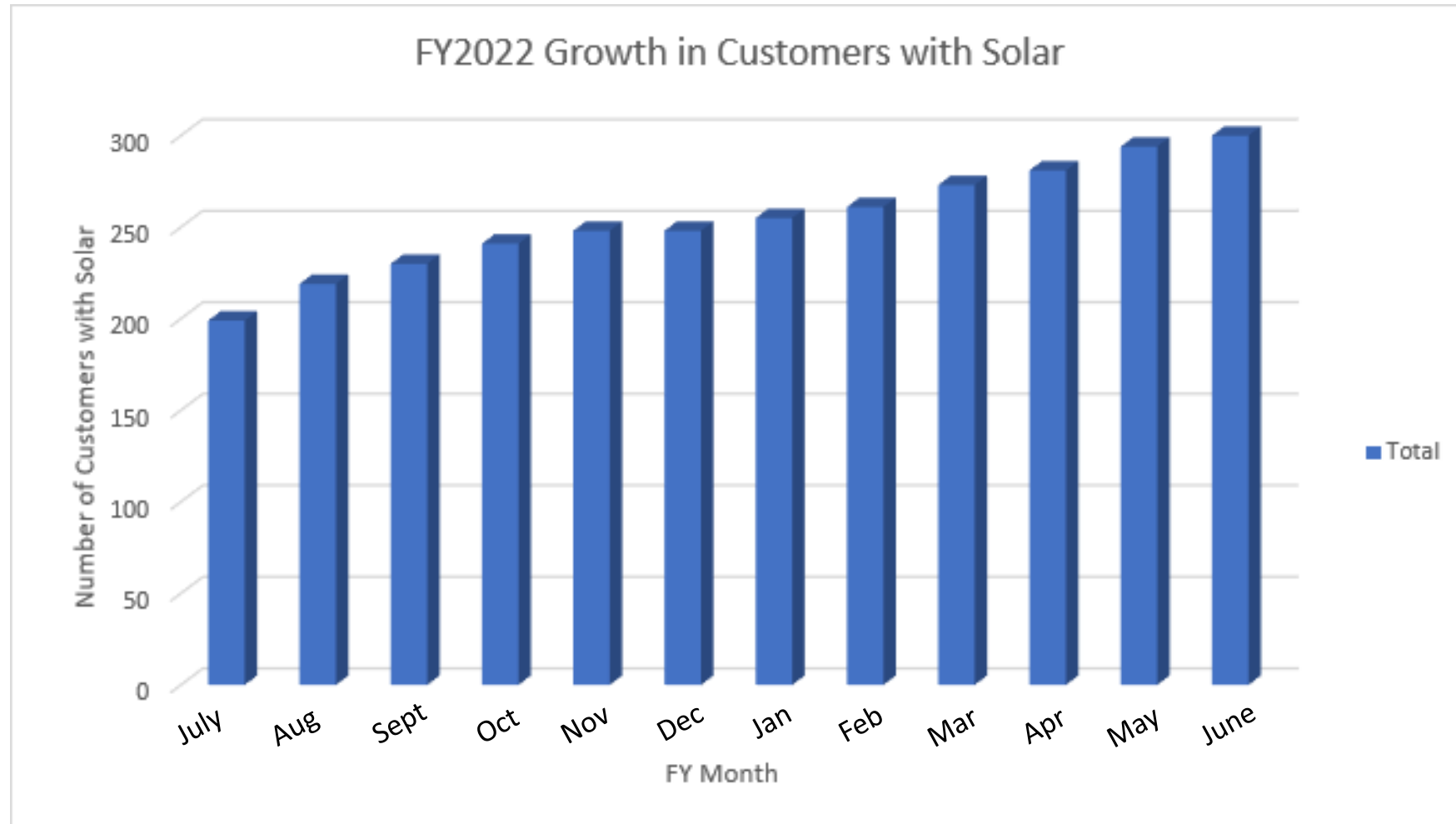
- ▶ Work with the business directly to identify the best options

▶ Indoor Agricultural

▶ Education and Pilots

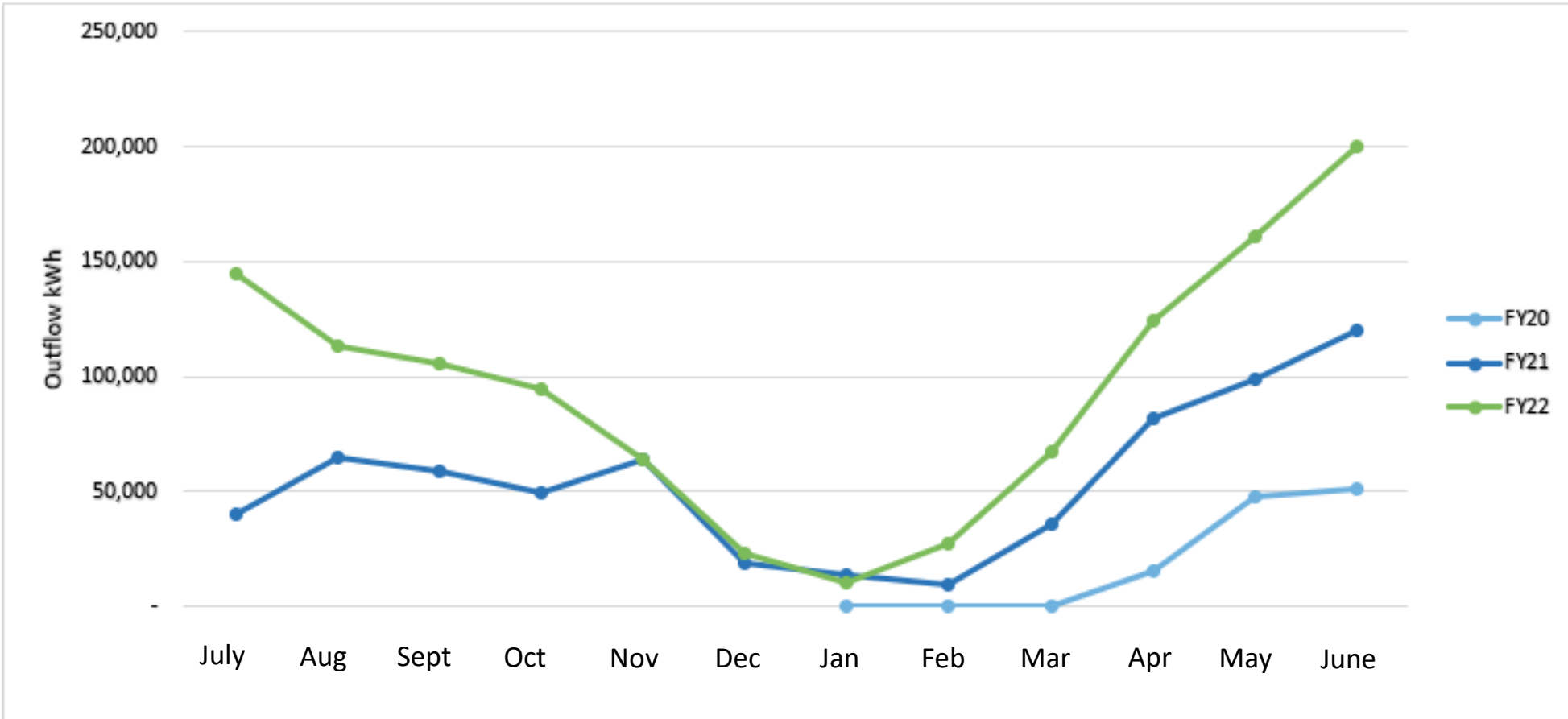


Install Your Own Solar - Distributed Generation Program



FY2022 New Installs = 101

Customer Solar Contribution - FY20 - FY22 (kWh)



FY2020 Total: 114,113 kWh
FY2021 Total kWh: 656,466 kWh
FY2022 Total kWh: 1,135,815 kWh

Electric Vehicle Programs

\$1,000 Rebate Level - Residential

- ▶ Installation of separate meter
- ▶ Meter enrolled in Rate RES22 - Time of Use Rate
- ▶ Hardwired EV chargers

\$500 Rebate Level - Residential

- ▶ No separate meter required
- ▶ Account enrolled in RESTOU Time of Use Rate
- ▶ Hardwired or portable EV charger

\$4,500 Rebate Level - Commercial

- ▶ Public or employee charging
- ▶ Rebate available for up to 3 chargers per location
- ▶ Level 2 charging only, no DC fast charging rebates



Other Carbon Neutrality Program Areas/Focus

- Greenwise Renewable Energy Credits (RECs)
 - BWL will continue to help residential and commercial customers match up to 100% of their energy with a \$0.013/kWh premium
- Greenhouse Gas (GHG) Reporting and Accounting
 - In partnership with Environmental Services, BWL began measuring its Scope 1, 2, and 3 emissions across external and internal operations
- Clean Energy Targets- BWL Strategic Plan
 - BWL achieved its 30% clean energy target by 2020
 - Next target is 50% clean energy (renewables and energy waste reduction) by 2030 - on target
- Upcoming New Programs
 - Community Solar Programs and Demand Response Programs as part of Clean Energy Projects
 - Real Time Energy Use Pilot and Electrification Programs