



CLIMATE ACTION

City Council
Subcommittee

www.srcity.org/CAS

July 10, 2019

Climate Action Subcommittee Mission and Purpose

The Climate Action Subcommittee (CAS) is charged with providing guidance and oversight of the implementation and update of the City's Municipal Climate Action Plan and the Community Climate Action Plan with a goal of reducing the local greenhouse gas emissions and ensuring long-term sustainability and resilience from climate change and its effects.

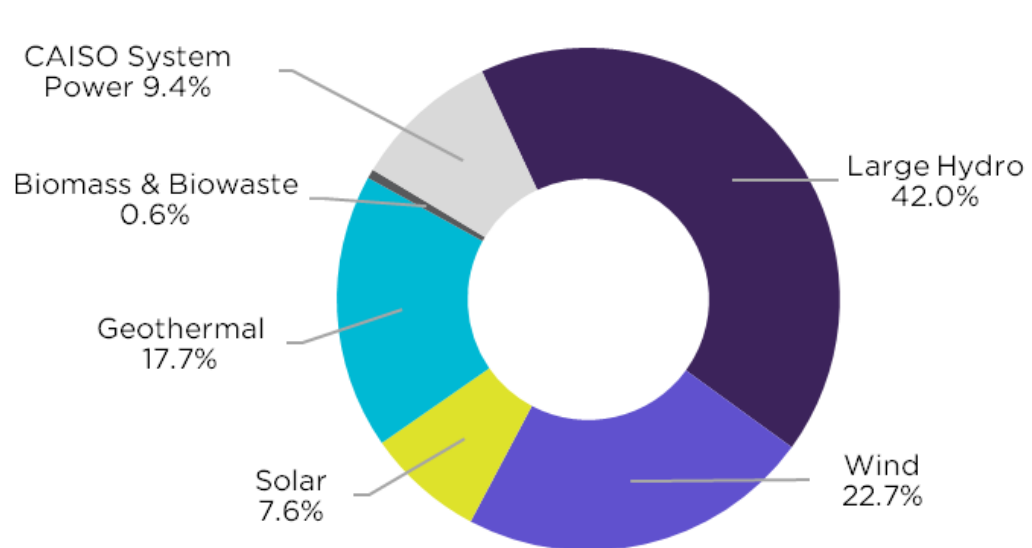
EverGreen Analysis

Agenda Item 2

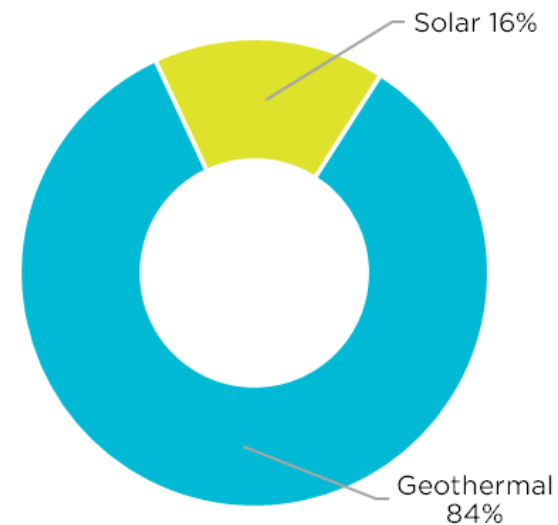
2018 energy portfolio



2018 CleanStart Power Sources



2018 EverGreen Power Sources



EverGreen



 **Sonoma
Clean Power**

EverGreen

24/7 Local Renewables

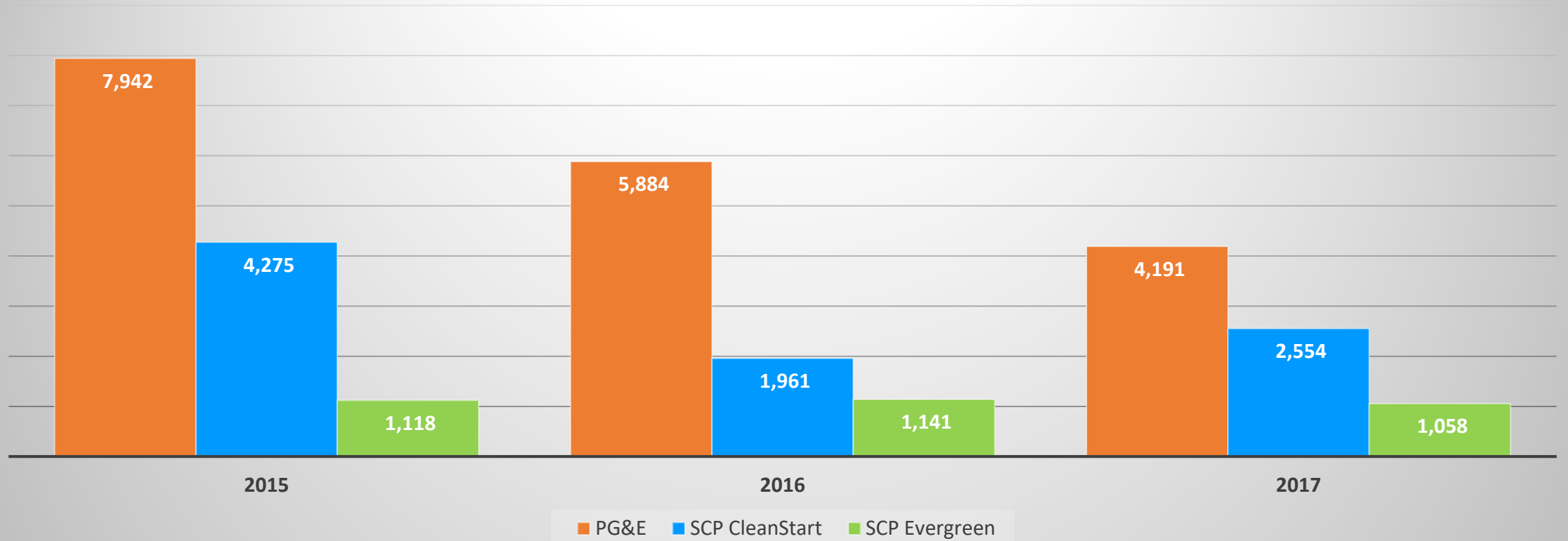
100% renewable electricity

100% locally produced

Renewable both day and night

GHG Reduction Comparison

Municipal GHG Emissions Comparison (MT CO₂/year)



**MUNICIPAL OPERATIONS
CLIMATE ACTION PLAN**



CITY OF SANTA ROSA
August 6, 2013



Goals

Municipal and Community Climate Action Plan implementation

- “Purchase cleaner electricity from PG&E and/or another entity.”
- “Install and utilize renewable energy sources in Santa Rosa”

Increase renewable energy production at the local scale

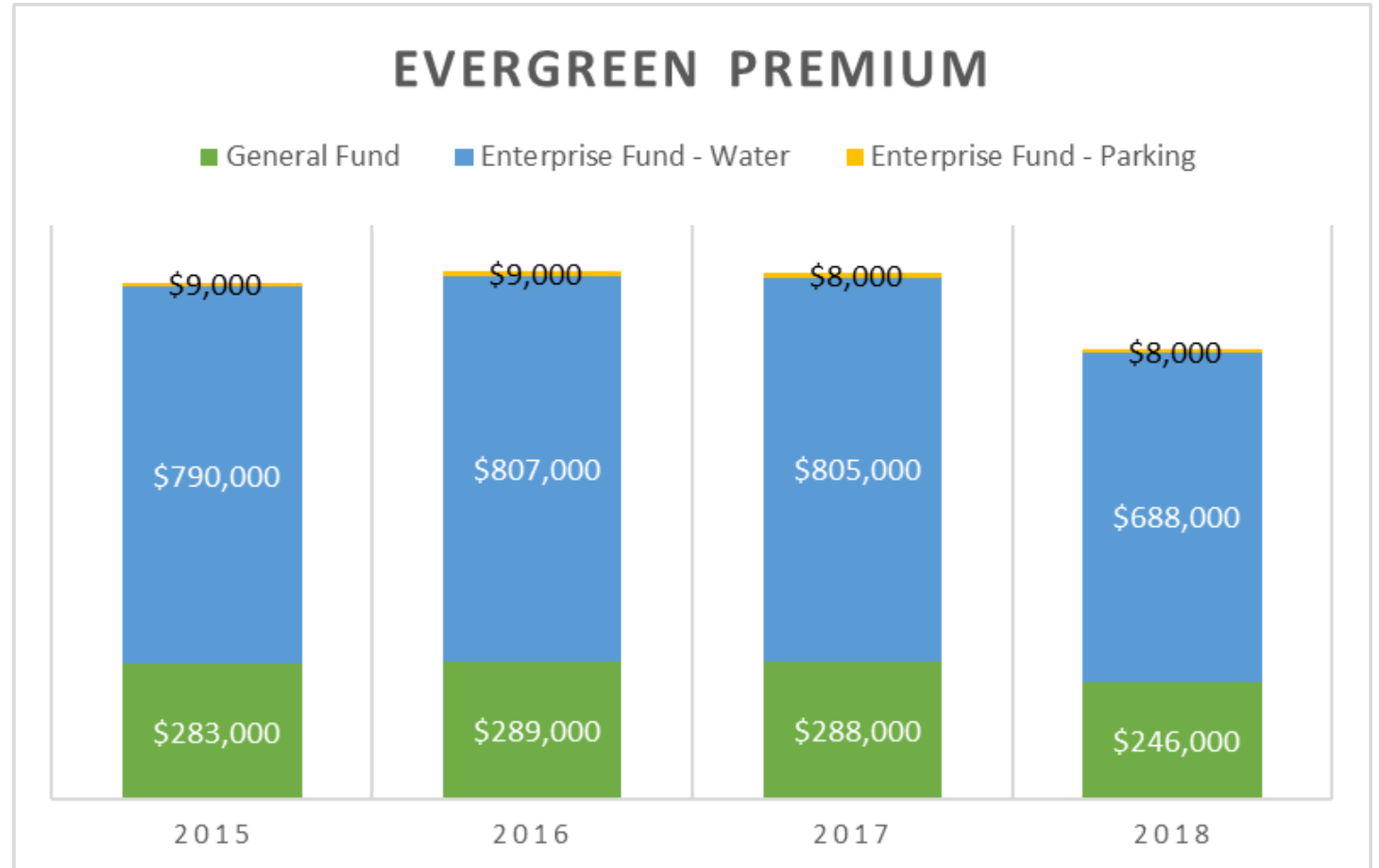
- Support the local economy, create local jobs

Cost Impacts

Estimated Historic Costs if the City Had Purchased EverGreen

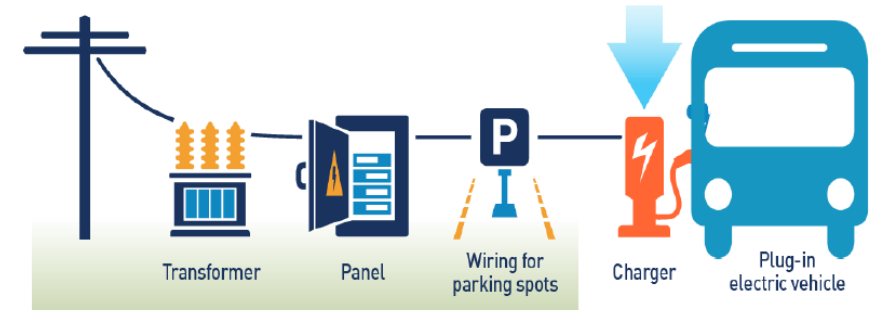
- ~\$1 Million /year added cost
 - ~25% General Fund
 - ~75% Enterprise Funds

*Does not account for any additional efficiency gains



Future Impacts CityBus Electrification

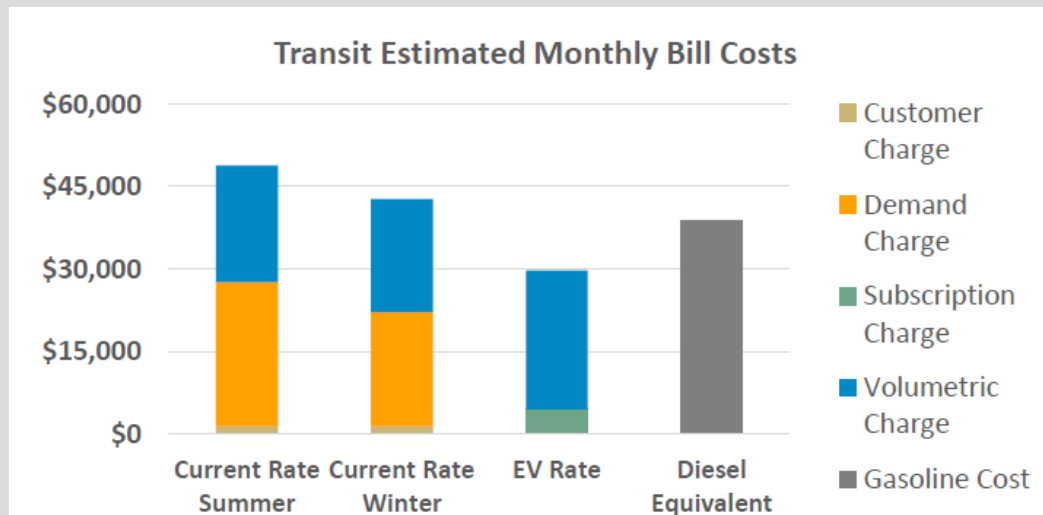
- City awarded \$2.9 million from Federal Transit Administration's for purchase of four Battery Electric Buses
- CityBus Battery Electric Buses estimated operations start date – 2021
- Participating in Sonoma Clean Power Battery Electric Buses infrastructure assessment study
- Participating in the PG&E FleetReady Program for infrastructure development



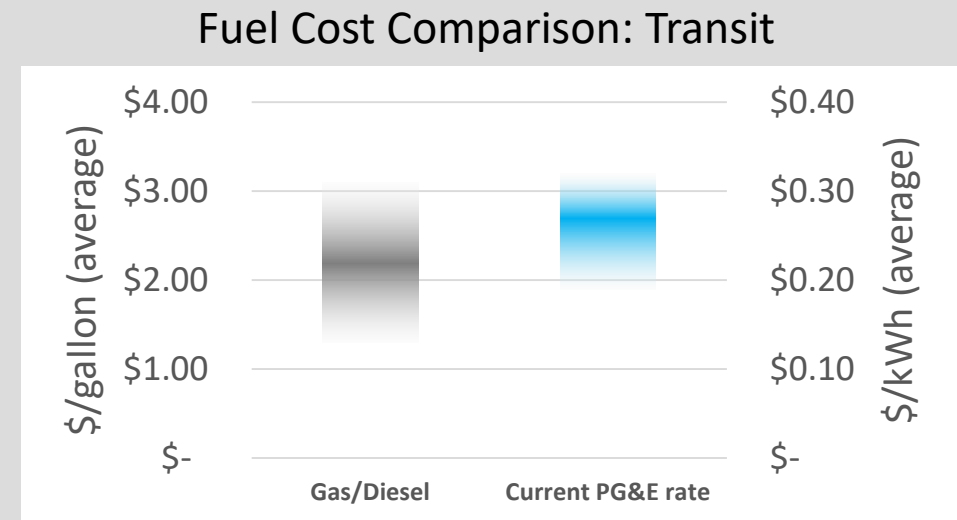
Future Impacts

CityBus Electrification

- California Public Utilities Commission (CPUC) reviewing new PG & E Commercial EV Rates



Source: PG&E Commercial Rate Proposal presentation (11/20/18). Modeled for agency with 24 buses operating 150 miles/day and charging mostly overnight.



Source: PG&E Commercial EV Rate Proposal Overview (11/16/18)

Discussion

1. Remain on CleanStart
2. Switch to EverGreen
 - Timing
 - Funding
 - Energy Efficiencies

