



# **ABAG General Assembly 2018**

**Building a Resilient Region  
May 31, 2018**

# SVCE Overview

- 245,000 Residential and 25,000 C&I customers
- 12 cities and Santa Clara County
- 750MW peak load and 4,000 GWh/year
- 97% enrollment rate
- Annualized savings of \$20M, 500,000 MT CO2
- SVCE generation rates now **6%** below PG&E

## SVCE Board of Directors

Courtenay Corrigan, Chair  
Town of Los Altos Hills

Margaret Abe-Koga, Vice Chair  
City of Mountain View

Daniel Harney  
City of Gilroy

Liz Gibbons  
City of Campbell

Rod Sinks  
City of Cupertino

Jeannie Bruins  
City of Los Altos

Rob Rennie  
Town of Los Gatos

Burton Craig  
City of Monte Sereno

Marsha Grilli  
City of Milpitas

Steve Tate  
City of Morgan Hill

Howard Miller  
City of Saratoga

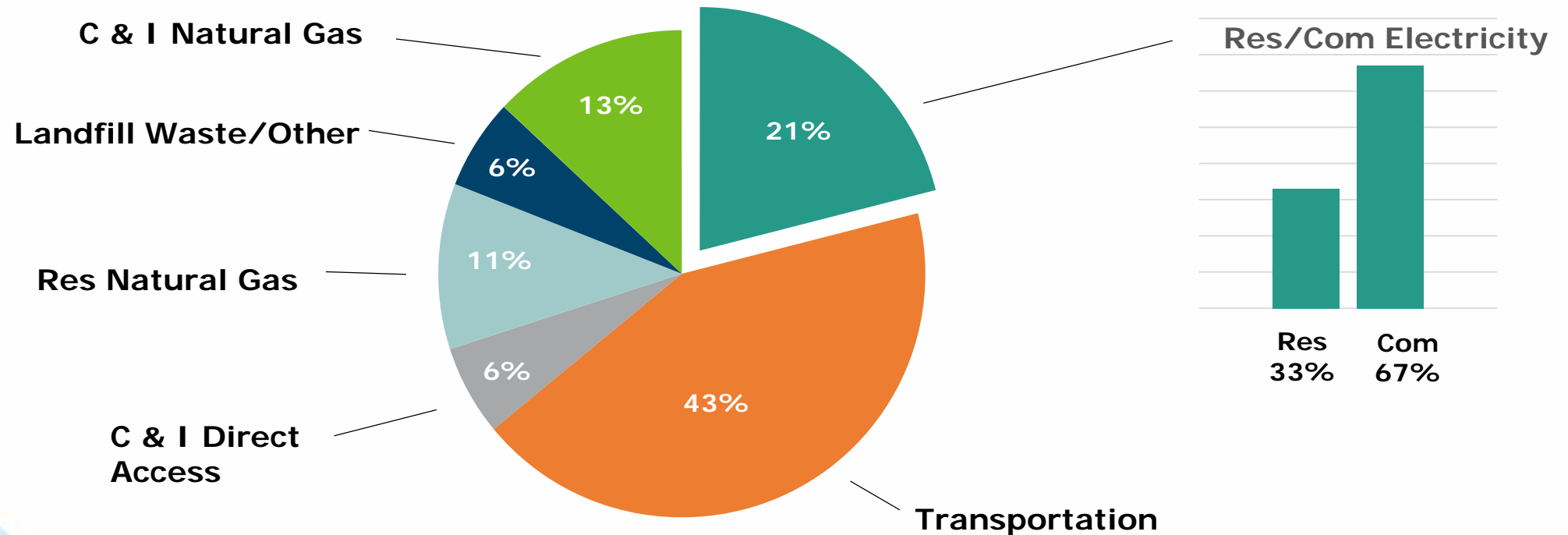
Nancy Smith  
City of Sunnyvale

Dave Cortese  
Santa Clara County



# Mission

## 2015 Carbon Emissions by Source\*

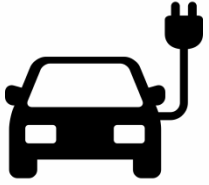


- Affordable and reliable carbon-free electricity
- Programs for on-going electrification and decarbonization



\* Preliminary 2015 estimate for SVCE territory; detailed analysis in process

# Customer Program Priorities



## E-Mobility

- EVs and Charging Infrastructure



## Built Environment

- Fuel Switching from Natural Gas



## Grid Readiness

- Storage and Demand Management

## Key Sectors:

- Single Family Residential
- Multifamily Residential
- Small/Medium Commercial
- Large Commercial/Industrial

# CCAs and Resiliency?

- New agencies focused on energy system transformation
  - replace fossil fuels with carbon-free electricity
  - address intermittency of renewables
- ‘Right-sized’ sub-regional leverage point for collaboration
  - elected officials and staff
  - sustainability, buildings, economic dev, comms functions
  - incentives and model ordinances
  - sector-specific forums

# New Power Procurements

- Long-term procurements focused on Category 1 renewables aligned with SVCE load curve
- Procurement shared with Monterey Bay Community Power
- Solar + storage, wind at competitive rates
- 500+ MW of new capacity



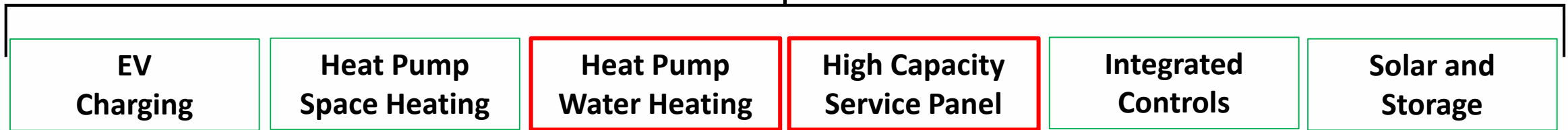
# Pumped Hydro Assessment

- High-level study of potential for pumped hydro storage between Anderson and Coyote reservoirs
- 10-15 MW / 80-120 MWh
- In collaboration with SCVWD
- More storage assessments to follow



# Residential Electrification

FutureFit Home



- BAAQMD Grant Opportunity
  - install electric HPWH + 200A service panel upgrade
  - match cost of gas water heater replacement
  - focus on remodels, solar installs, major MUD rehabs
- Coordination with StopWaste/BayREN, San Jose, others



# Thank You



SVCleanEnergy.org



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Billing & Customer Service:

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