

LES Sustainable Energy Program

2020 Year End Update

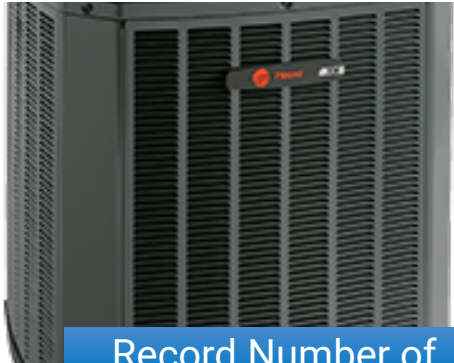
Marc Shkolnick
Manager, Energy Services

January 15, 2021

2020 SEP Headlines



Met Peak Demand
Reduction Target



Record Number of
Heat Pumps and AC's



Surge in Heat Pump
Water Heaters



Busy Year for
Net Metering

2020 Sustainable Energy Program



Met Peak Demand
Reduction Target



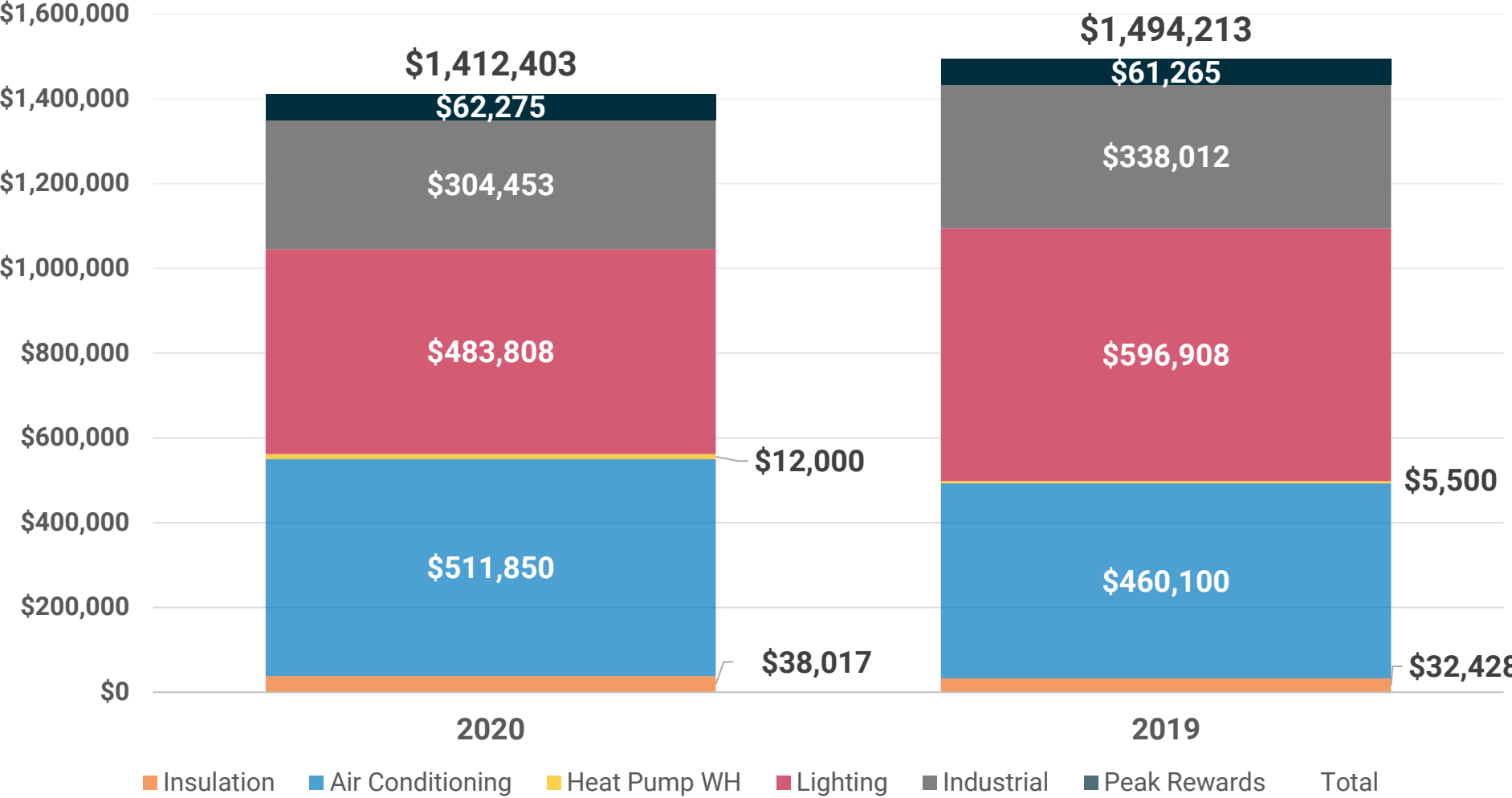
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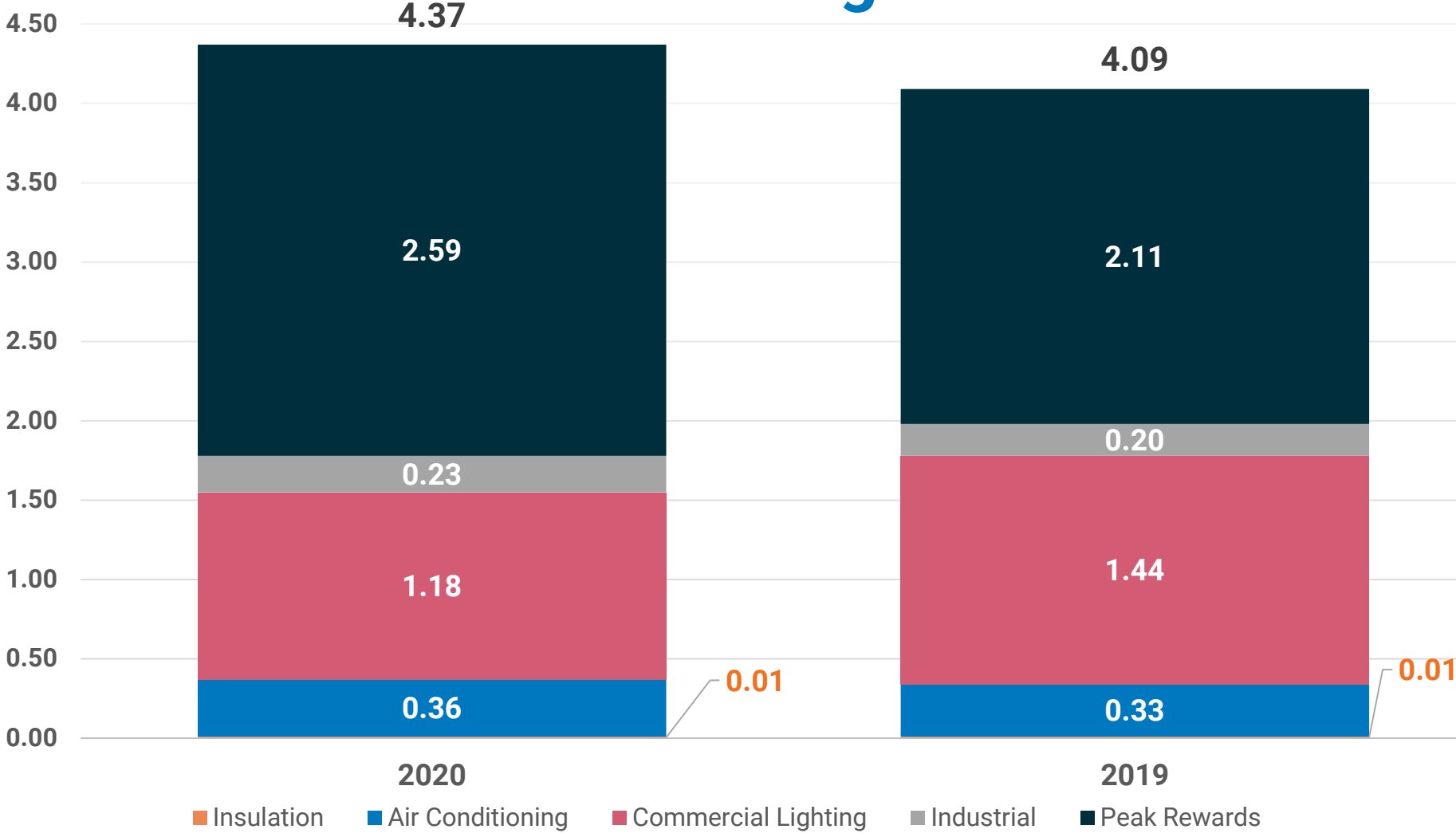
2020 Obligated Dollars

\$1.75 million budget

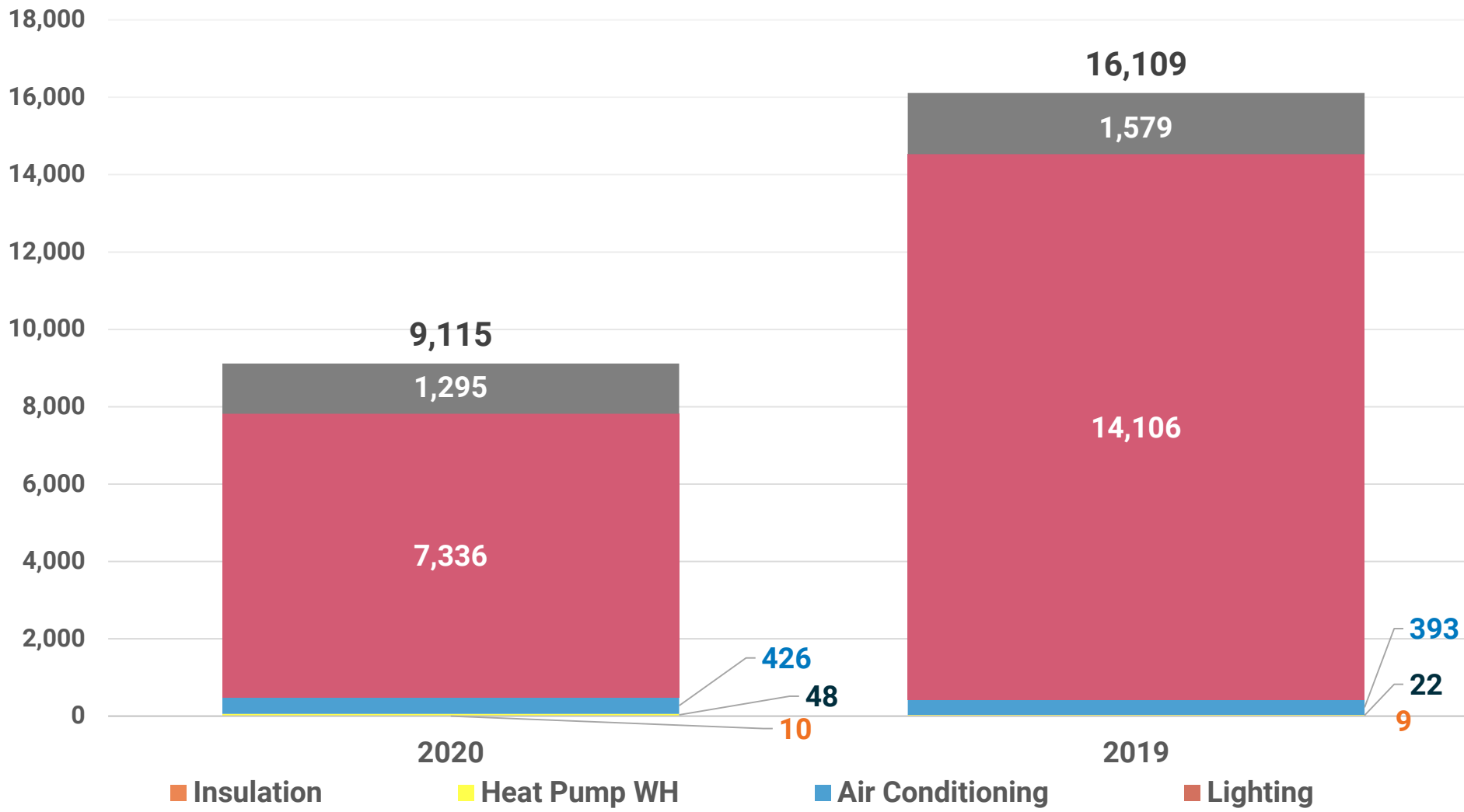


Peak Demand Reduction (MW)

4.3 MW target



Net Energy Savings (MWh)



SEP 2009-20

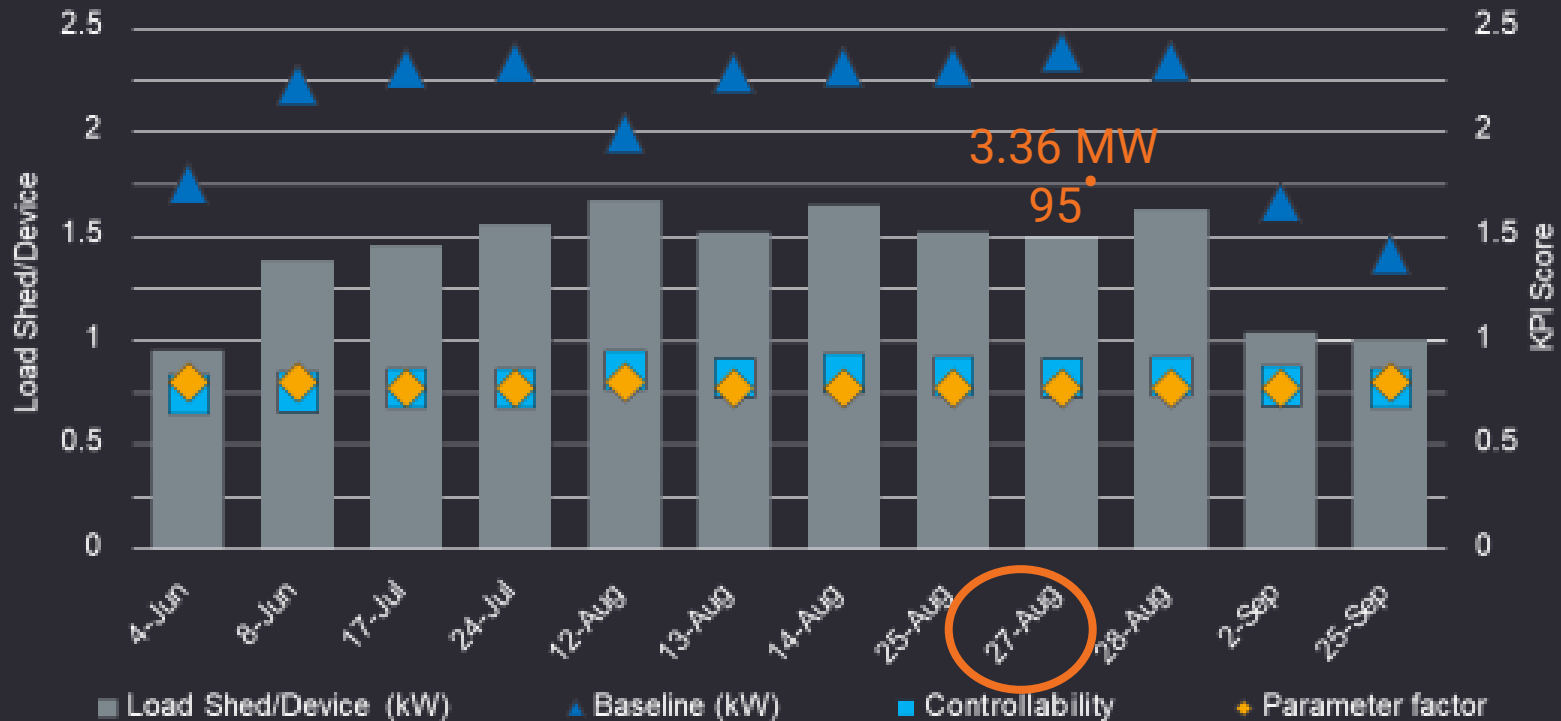
Incentives	\$26.7 million
Projects	17,000
Net Peak Demand	34 MW
Average Annual Peak	45 big box retail stores
Net Annual Energy Reduction	140,000 MWh
Average Annual Energy Consumption	14,000 homes
Annual CO2 Reduction	100,000 tons
Equivalent Annual Vehicle Emissions	40,000 cars

Peak Rewards

- 1,885 households/1,985 thermostats enrolled
- Reduced peak annual demand by 3.4 MW on Aug 27
- Currently have 31% market penetration which is among the highest for utilities served by EnergyHub
- 2.5% attrition rate (unenrollment or move outs) compared to 5% average for Energy Hub utilities



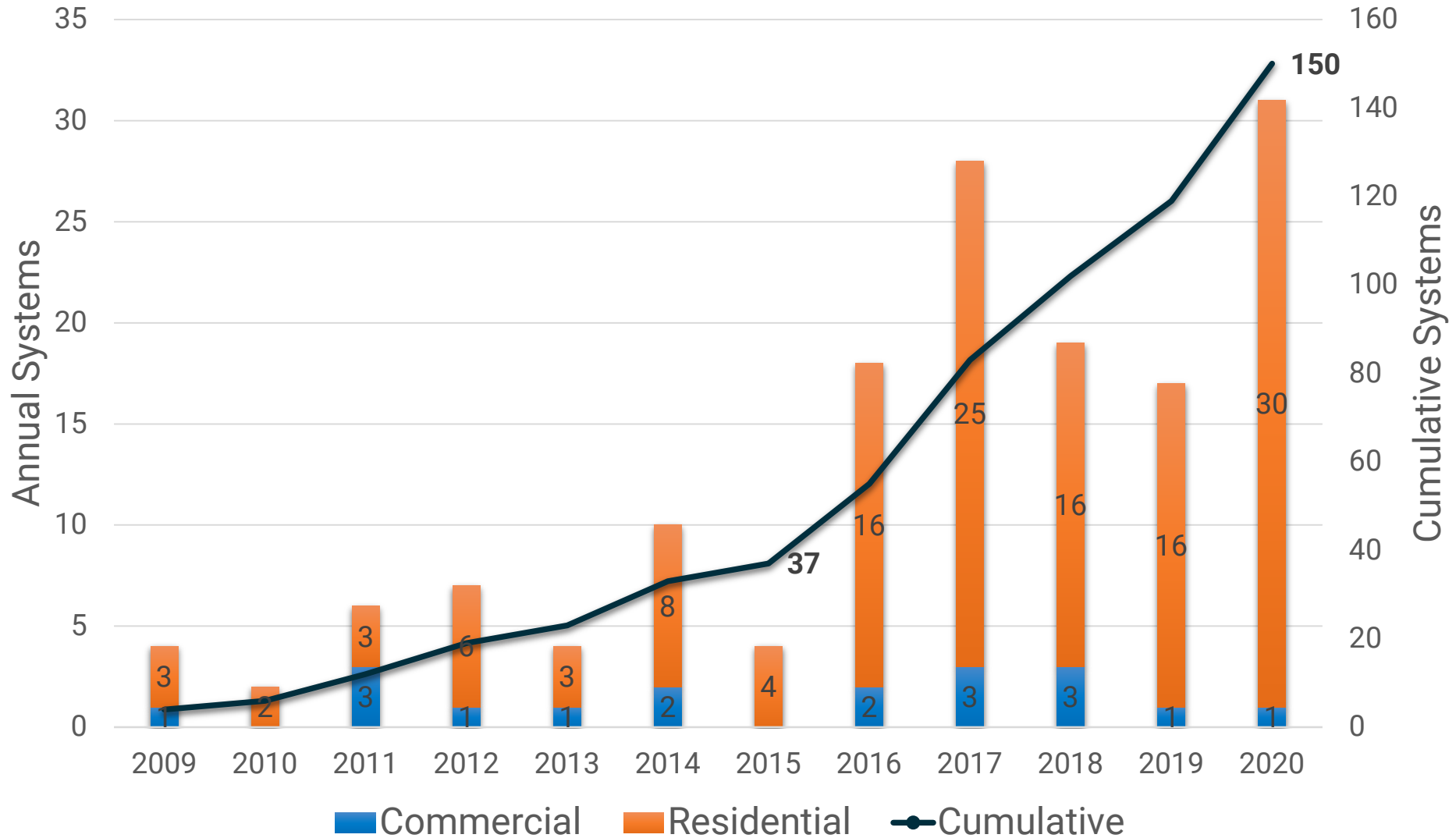
Season overview: shed per device





Customer Owned Renewables

2009-2020 Net Metered Residential and Commercial Systems



Customer Owned Renewables 2009-2020

Net Metered-Residential	
Capacity	1,067 kW
Avg Capacity	8 kW
Avg Capacity in 2010	5 kW
Avg Capacity in 2020	11 kW
Capacity Payments	\$413,175
Avg Capacity Payment	\$3,130

Customer Owned Renewables 2009-2020

Net Metered-Commercial	
Capacity	253 kW
Avg Capacity	14 kW
Capacity Payments	\$85,600
Renewable Generation Rate	
Number of Systems	5
Capacity	441 kW
Residential Community Solar (1 system)	50 kW
Commercial (4 systems)	391 kW
Capacity Payments	\$180,442

Customer Owned Renewables 2009-2020

Total Customer Owned Systems

Total Systems	156
Total Capacity	1,761 kW
Total Capacity Payments	\$679,271

Customer Satisfaction and Other Information (10 respondents)

Ease in working with LES	100% very easy/easy
Motivating factors	Save money (90%), Environmental Stewardship (80%), Interest in Tech (50%)
Primary motivating factor	Environmental Stewardship (60%), Save money (20%), Interest in Tech (10%)
How did you learn about net metering?	Installing contractor (100%)

Questions?