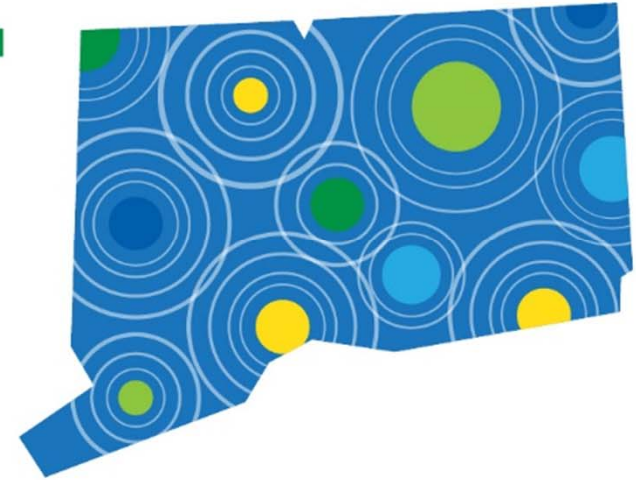


Sustainable CT

Local Actions. Statewide Impact.



Simsbury Sustainability Committee

presentation to the

Simsbury Board of Selectmen

September 14, 2020



Simsbury benefits from sustainability...



In 2018 Simsbury entered into two Solar Power Purchase Agreements using the State Z-REC Program

- ✓ 223 kWh-Array at Simsbury Farms Ice Rink
- ✓ 3x28 kWh-Arrays at DPW Complex

The arrays at DPW Complex has generated 113,00 kWh of energy per year and accounts for 84% of the facilities energy usage

-Saving the Town **\$12,000** annually

The array at the Simsbury Farms Ice Rink has generated 200,000 kWh per year and accounts for 65% of that facilities energy usage

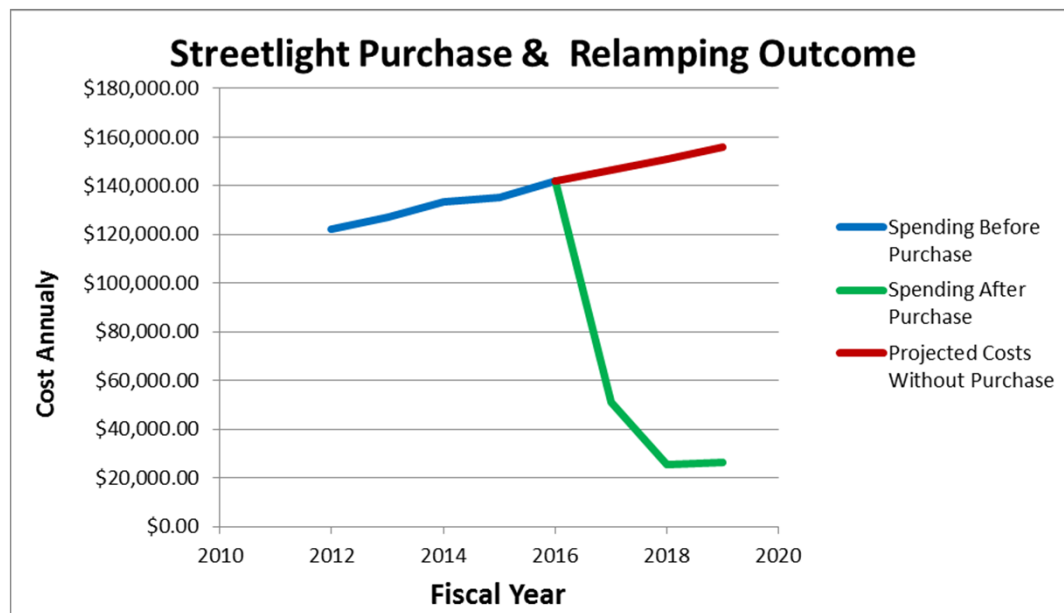
- Saving the town **\$22,000** annually

All at NO COST to the Town!

Simsbury benefits from sustainability...

In 2017 Simsbury undertook to purchase and upgrade the town's streetlights

-The town spent \$865,000 for the purchase and upgrades



The project was estimated to save \$100,000 dollars a year

To date the town has saved \$115,000 annually with savings that increase over time as energy costs rise

Customer service is now under town control and much faster than when Eversource was in charge

The new LED lighting fixtures use 68% less energy than traditional lighting

Simsbury benefits from sustainability...

Simsbury is currently working on several lighting retrofit projects at:

- ✓ Simsbury Farms Ice Rink and tennis courts
- ✓ Public Library
- ✓ Town Hall

Project involves replacing all of the existing fixtures with energy efficient LED lighting

All project costs will be paid using the project savings via on-bill financing program

	Project Value	Annual Savings	Payback Period
Simsbury Farms	\$ 52,358.00	\$ 9,061.25	2.6 years
Library	\$ 111,444.00	\$ 20,235.00	2.8 years
Town Hall	\$ 105,894.00	\$ 13,615.38	5.8 years



Simsbury is a leader in sustainability...

The Simsbury Sustainability Committee going forward....

Next certification August 2022