



# South Windsor Energy Committee

CLIMATE FORUM

AUGUST 12 2019

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# MUNICIPAL EFFORTS

## Energy Efficiency

- ▶ BUILDINGS

26% less energy/sq. ft. since 2010

- ▶ STREETLIGHTS

LEDs: \$90,000/yr. cost avoidance

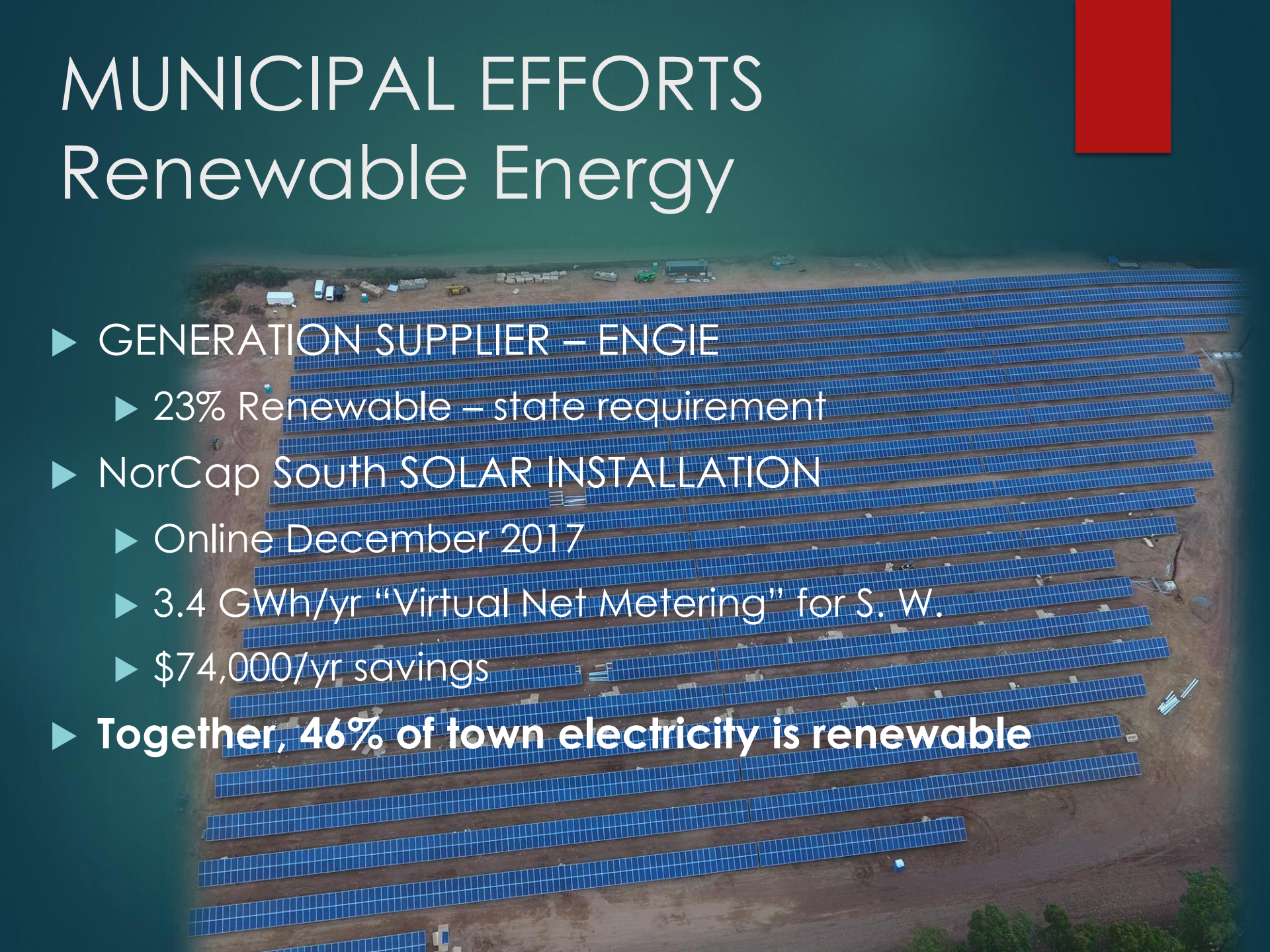
- ▶ SEWER SYSTEM

16% less energy/kgal since 2012





# MUNICIPAL EFFORTS Renewable Energy

- 
- ▶ GENERATION SUPPLIER – ENGIE
    - ▶ 23% Renewable – state requirement
  - ▶ NorCap South SOLAR INSTALLATION
    - ▶ Online December 2017
    - ▶ 3.4 GWh/yr “Virtual Net Metering” for S. W.
    - ▶ \$74,000/yr savings
  - ▶ **Together, 46% of town electricity is renewable**



# COMMUNITY EFFORTS

## Residents

- ▶ ENERGY EFFICIENCY
  - ▶ Two Energize South Windsor Programs
  - ▶ Home Energy Solutions audits and services
  - ▶ 13% Less electricity/home since 2010
- ▶ RENEWABLE ENERGY
  - ▶ Two Solarize South Windsor Programs
  - ▶ 402 Solar System Building Permits
- ▶ LOW AND MODERATE INCOME ENERGY ASSISTANCE



# COMMUNITY EFFORTS

## Business

- ▶ ENERGY EFFICIENCY
  - ▶ Commercial electricity use 12% less per account since 2010
  - ▶ Industrial, 6% less
- ▶ RENEWABLE ENERGY
  - ▶ 13 Solar Projects
  - ▶ New buildings solar ready
- ▶ CPACE and Small Business Energy Advantage
  - ▶ Greenbank financing
  - ▶ Paid thru tax collector

# MUNICIPAL ENERGY PLAN

## ▶ ENERGY EFFICIENCY

- ▶ Buildings: Another 10% reduction by 2023
- ▶ Sewer System: Another 10% reduction
- ▶ Finish Street Light Conversion

## ▶ RENEWABLE ENERGY

### ▶ COMING ON 5 SCHOOLS, ...

- ▶ 1.8 MW Solar (H.S, O.H, E. T., PRS, Wapping)
- ▶ \$150,000/yr savings

### ▶ COMING IN ENFIELD

- ▶ Another Virtual Net Metering project for S.W.

### ▶ **TARGET: 80% of Town electricity from renewables**

Town of South Windsor  
*Municipal, Residential and Business Energy Plan.*  
July 2019



NetCap South Solar Facility  
South Windsor  
1540 Sullivan Ave  
South Windsor, CT 06074

# What can you do?

- ▶ Switch to LED lighting (w/ timers and sensors)
- ▶ Install and set up programmable thermostats
- ▶ Dress for the season - cut back on heat and AC
- ▶ Install flow limiting fixtures on sinks and showers
- ▶ Choose Energy Star when replacing appliances
- ▶ Eat less red meat
- ▶ Schedule a Home Energy Solutions audit & service
- ▶ Have home evaluated for solar
- ▶ Look for tips on the Energy Committee web page:  
<https://www.southwindsor-ct.gov/energy-committee>

