

City of St. Cloud • 400 Second Street South

INITIATIVE BACKGROUND

In 2015, the St. Cloud City Council adopted a resolution authorizing the implementation of renewable energy from solar generation facilities.

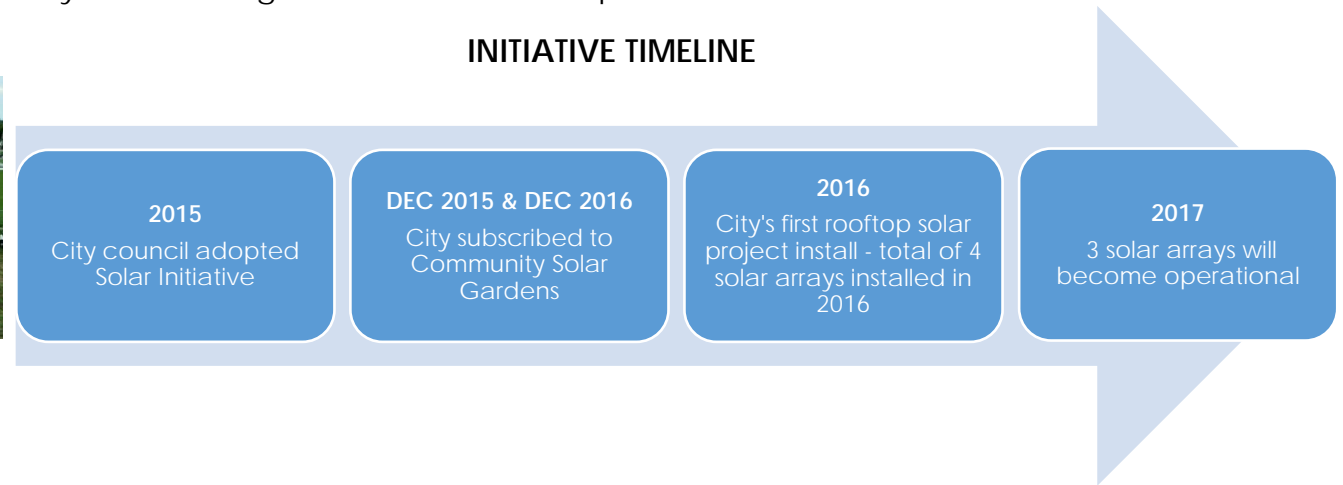
INITIATIVE SUMMARY

- City is subscribed to approximately 20 million kilowatt-hours of renewable energy from community solar gardens.
- City's first rooftop solar project installed at the City's Wastewater Treatment Facility. Three additional solar arrays became operational in 2016.
- 3 additional solar arrays are currently in final design and will become operational in 2017.

WASTEWATER 220 KW SOLAR ARRAY



INITIATIVE TIMELINE



SUSTAINABILITY BENEFITS

In 2015, the City's electrical demand was nearly 30 million kilowatt-hours of electricity. By 2018, the City will be subscribed to or generating over 20 million kilowatt-hours from solar power generation. Over 70% of the City's electrical demand will come from renewable solar energy.

2018 - 20,000,000 kWh's from renewable solar energy annually

2,076 home's electricity use for 1 year

14,998,578 pounds of coal

33,686,242 miles driven by a passenger vehicle