

## Environmental impacts 2015 — 2020

The 54 solar panels have generated more than 115,596 kilowatt hours (kWh) of energy since production began in 2015. That solar generation positively impacted our environment in the following ways...



CO<sub>2</sub> Emissions Avoided  
**90.1 tons**



Miles Not Driven  
**199,820 miles**



Gasoline Not Used  
**9,196 gallons**



Coal Not Burned  
**89,318 pounds**



Crude Oil Not Used  
**190 barrels**



Mature Trees Grown  
**1,362 trees**



Garbage Recycled  
**62,779 pounds**

## United Church of Christ (UCC)



### Annual Solar Report

#### First Congregational United Church of Christ River Falls, WI

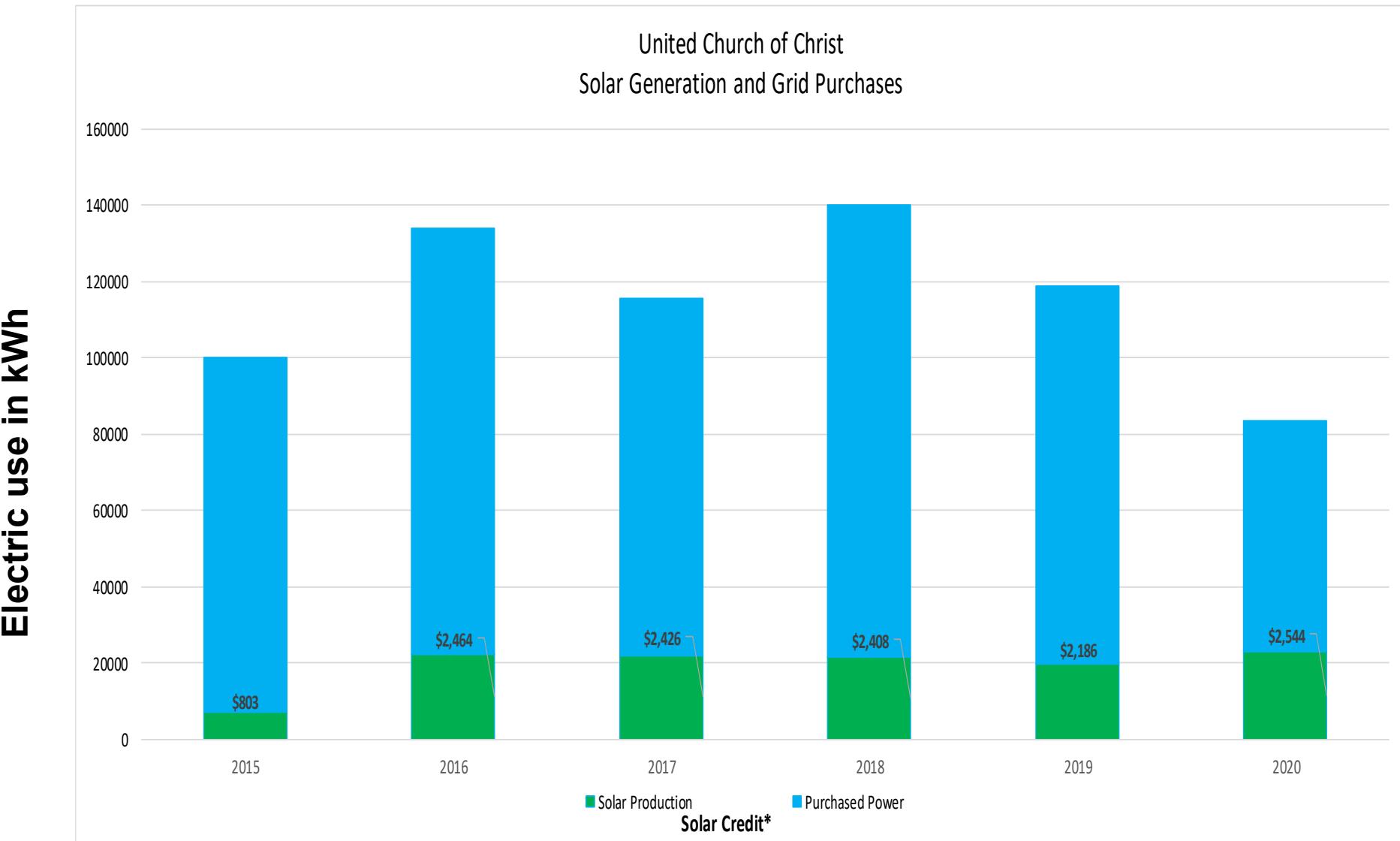
In July of 2015, fifty-four solar panels, on the roof of Fellowship Hall, began converting sunlight into electrical power. The solar array is a long-term initiative by the congregation and by the River Falls Municipal Utilities and WPPI Energy, all of which shared in its installation costs. Since the solar array went online, it has generated an impressive amount of energy, reduced energy charges for the church and reduced our environmental footprint.

For details on the impact of our roof-top solar array, view the following pages.



# The impact of energy efficiency and renewable energy

## 2015 — 2020



\*Solar credit based on \$0.111/kWh energy charge