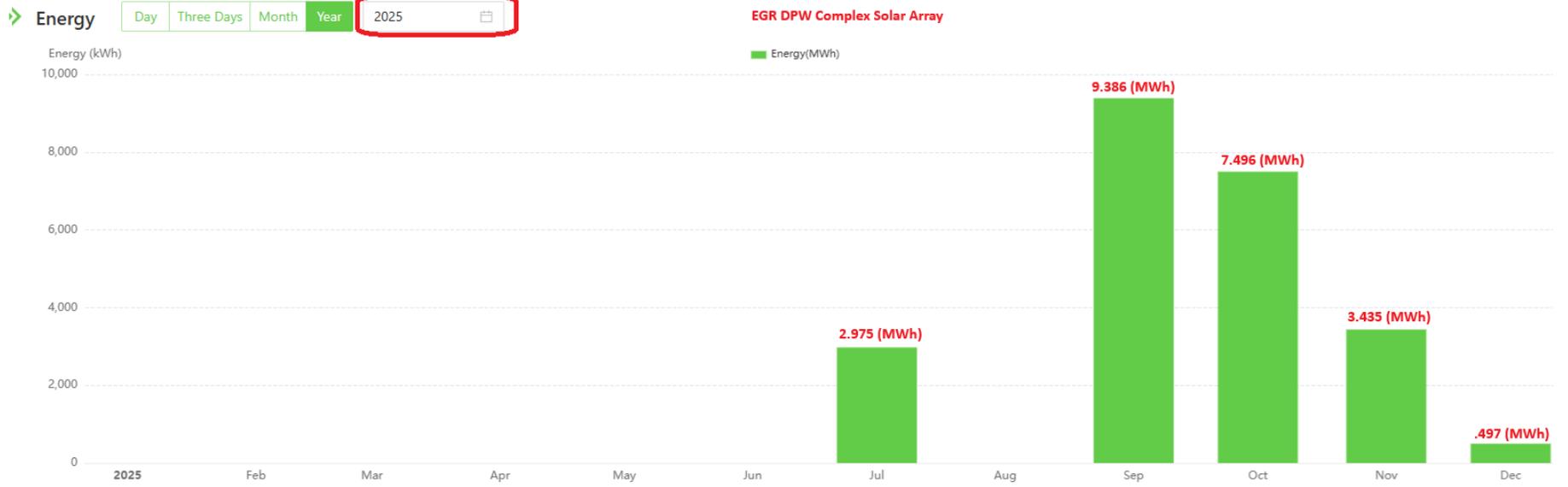


2025 Solar Arrays-City of East Grand Rapids





Total Electricity Generated in 2025 was 75.942 (MWh) or 75,942 (kWh)

Greenhouse Gas Equivalencies Calculator

Convert emissions or energy data into concrete terms you can understand — such as the annual CO₂ emissions of cars, households, and power plants.

The Greenhouse Gas Equivalencies calculator allows you to **convert emissions or energy data to the equivalent amount of carbon dioxide (CO₂) emissions from using that amount**. The calculator helps you translate abstract measurements into concrete terms you can understand, such as the annual emissions from cars, households, or power plants. This calculator may be useful in communicating your greenhouse gas reduction strategy, reduction targets, or other initiatives aimed at reducing greenhouse gas emissions.

Updated November 2024

i These estimates are approximate and should not be used for emission inventories or formal carbon emissions analysis. See [Calculations & References](#) for equations and sources used.



Step 1 - Enter and convert data

Select data to convert: **i**

- Energy data **i**
- Emissions data

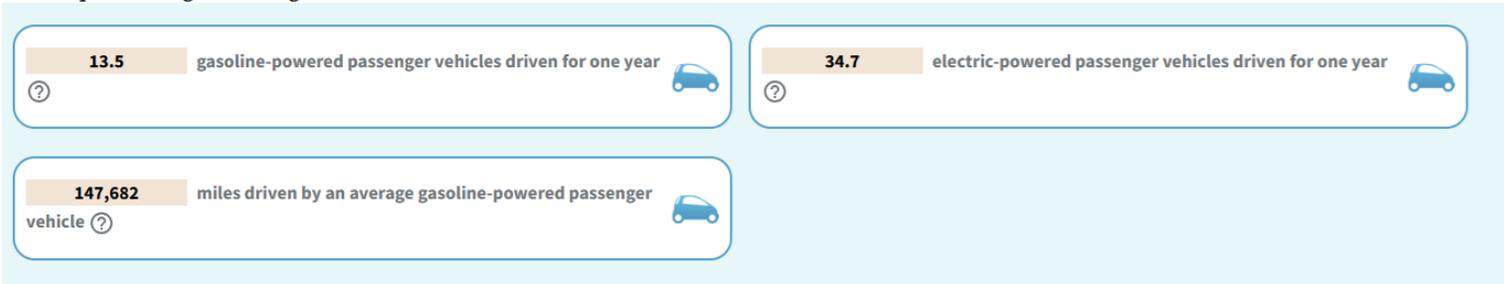
Enter data:

Unit	Amount
<input type="radio"/> Gallons of gasoline	<input type="text" value="75942"/>
<input type="radio"/> Gasoline-powered passenger vehicles i	
<input checked="" type="radio"/> Kilowatt-hours avoided	
<input type="radio"/> Kilowatt-hours used	
<input type="radio"/> MCF of natural gas	
<input type="radio"/> Therms of natural gas	

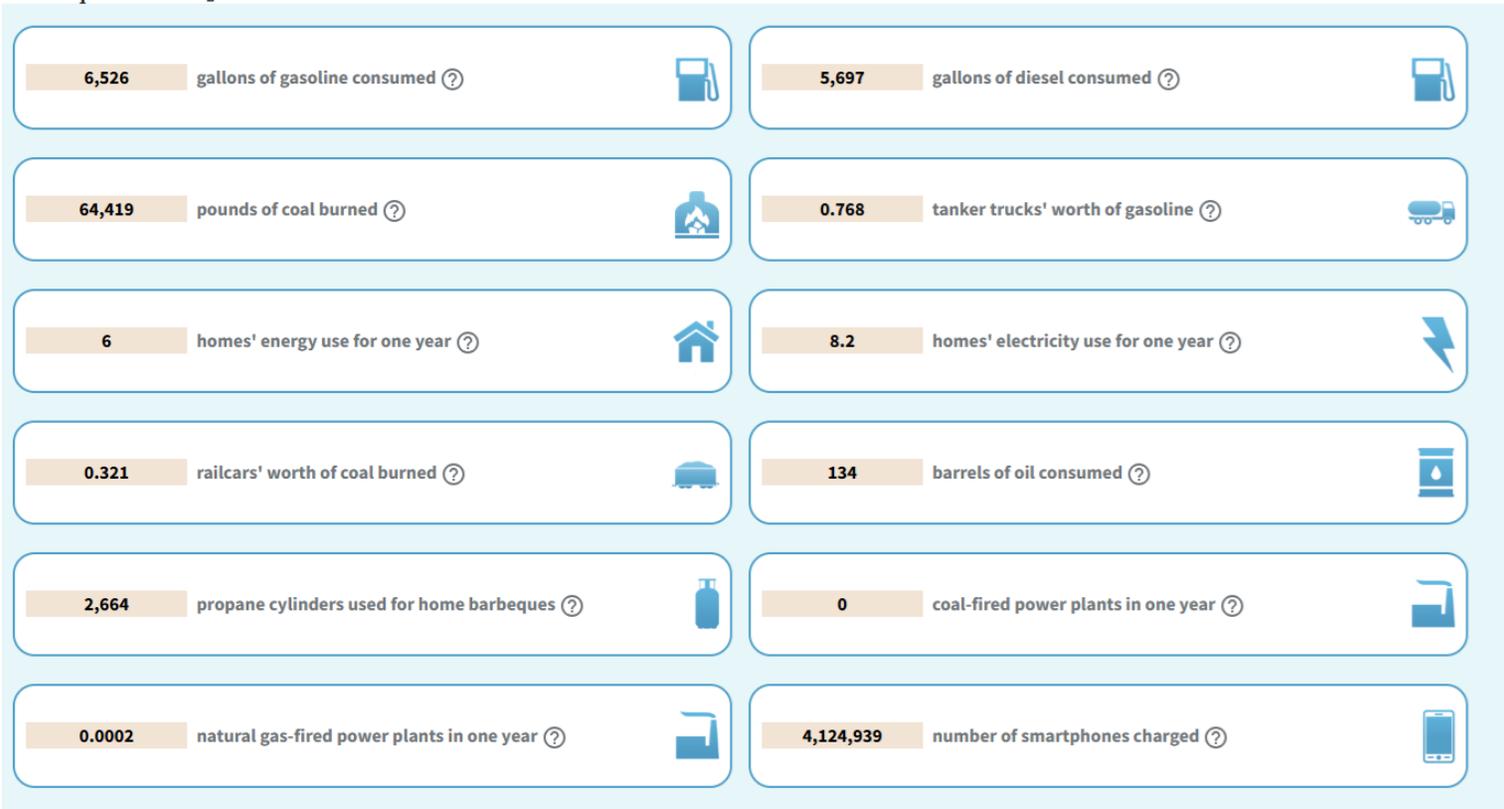
Step 2 - View results

58 Metric Tons of Carbon Dioxide (CO₂) equivalent

This is equivalent to greenhouse gas emissions from:



This is equivalent to CO₂ emissions from:



This is equivalent to greenhouse gas emissions avoided by:

20.5

tons of waste recycled instead of landfilled ?



2.9

garbage trucks of waste recycled instead of landfilled ?



4,930

trash bags of waste recycled instead of landfilled ?



0.017

wind turbines running for a year ?



This is equivalent to carbon sequestered by:

959

tree seedlings grown for 10 years ?



58.2

acres of U.S. forests in one year ?



0.347

acres of U.S. forests preserved from conversion to cropland in one year ?

