

# Green is our (second) favorite color



As stated in its inaugural Corporate Sustainability Report, Progressive continues to seek ways to reduce its environmental footprint. The company is committed to investing in facilities and equipment that are increasingly energy efficient with the goal of reducing carbon emissions and providing better environmental outcomes while maximizing value for its stakeholders.

Progressive has had a plan for reducing energy consumption and its carbon footprint since 2007, when it intensified energy use tracking at its facilities and began to invest in infrastructure projects and technologies to conserve energy, reduce costs, and be more environmentally friendly.

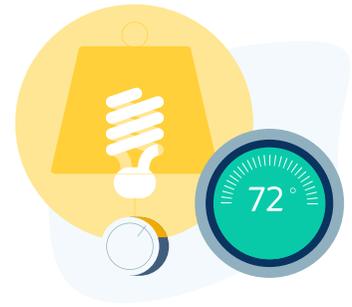
## PROGRESSIVE INSURANCE AND ENGIE NORTH AMERICA ANNOUNCE RENEWABLE ENERGY AGREEMENT

- Progressive and ENGIE Resources LLC recently entered into a five-year retail energy supply agreement. Progressive locations in four states are now supplied by energy from the Casselman Wind Project in Somerset County, Pennsylvania.
- The agreement represents approximately 70,000 megawatt-hours annually, or 100% of the usage for Progressive's headquarters in Mayfield Village, Ohio, and more than 30 other locations in Ohio, Pennsylvania, Maryland, and Illinois.
- The Green-e® certified renewable energy credits in this agreement represent the environmental benefits of reducing carbon dioxide emissions by more than 197,000 metric tons over the span of the contract.

## THE POWER OF THE SUN

- Construction has begun on a 1.8 megawatt solar panel array system at the Mayfield Village, Ohio, Campus II location (300 North Commons Blvd.). Once completed, the system will help reduce energy consumed from the grid. Progressive has contracted a couple of local firms, including Mars Electric ([www.mars-electric.com](http://www.mars-electric.com)), Preformed Line Products Solar ([www.Preformed.com/solar](http://www.Preformed.com/solar)), and YellowLite Inc. ([www.yellowlite.com](http://www.yellowlite.com)), to help design, construct, and install the solar panel array.
- The 2,300 megawatt-hours of electricity produced by the system will feed into the on-campus substation and be distributed to provide power to parts of the campus buildings. Once the project is completed, it's expected that carbon emissions will be reduced by 1,500 metric tons each year.
- Construction of the solar array, which will be ground mounted and use fixed racking, began on March 29, 2021. The array will consist of 4,186 panels and cover 8.4 acres and is anticipated to be fully operational later this summer.

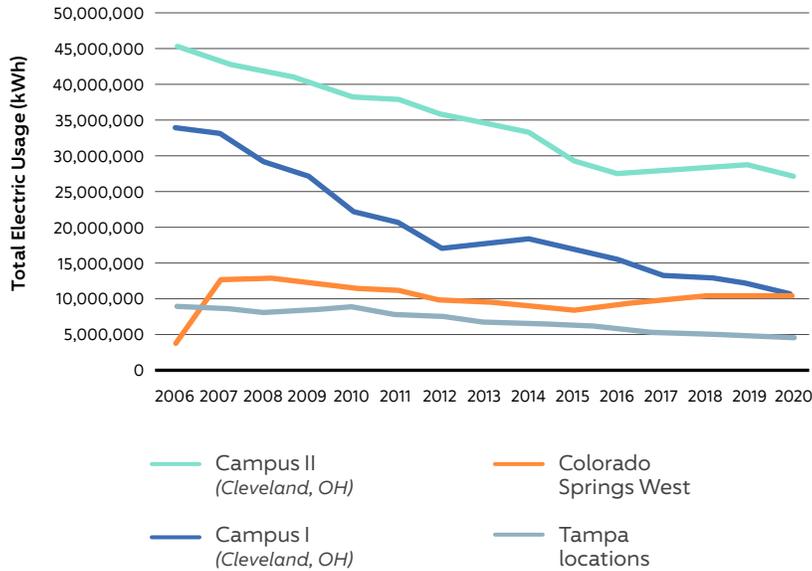
From adopting minor adjustments to undertaking larger initiatives, Progressive has been making conscious strides to reduce its carbon footprint and improve its energy consumption at all of its locations throughout the country.



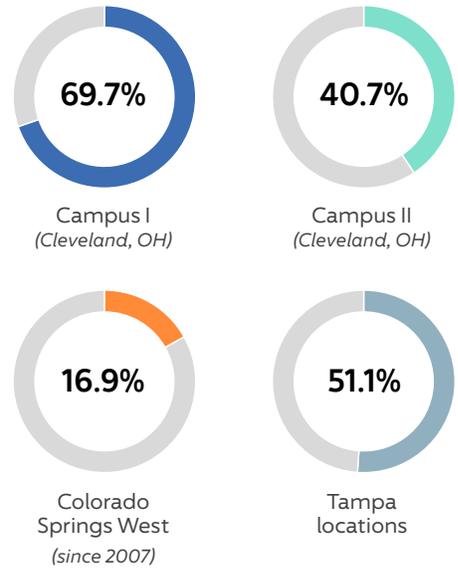
## A CHRONOLOGICAL SUMMARY OF PROGRESSIVE'S SUSTAINABILITY INITIATIVES

<p><b>2010</b></p>	<p>By implementing demand based ventilations at Campus II, we installed carbon dioxide sensors in the building to sense the amount of carbon dioxide being exhaled by people inhabiting the facility. This allows us to operate the mechanical ventilation and cooling based on actual use versus an arbitrary setting.</p> <p>Critical zone reset programming strategies were implemented at regional facilities allowing the HVAC systems to better match the actual cooling needs of the buildings and operate more efficiently by using more precise inputs to operate the systems.</p>
<p><b>2011</b></p>	<p>Implemented “free cooling” at Campus I and II that utilizes outside air to cool the buildings instead of relying on mechanical equipment to provide constant temperature balancing.</p>
<p><b>2012</b></p>	<p>Installed occupancy sensors in the training rooms to better control the HVAC and lighting.</p>
<p><b>2013</b></p>	<p>Installed parking lot LED lighting at the Beta Service Center, which included outdoor lighting that improved light quality, measured the electrical consumption and improved security.</p> <p>Consolidated two uninterruptable power supply systems to one UPS systems which saved energy and made the remaining unit more efficient.</p>
<p><b>2015</b></p>	<p>Variable frequency drives allow rotating equipment, primarily fans and pumps, to be operated at varying speeds to match the demand. Running a fan or pump at a slower speed saves significantly conserves energy.</p>
<p><b>2016</b></p>	<p>Replaced Campus I variable air volume components and controls to more efficiently distribute air throughout the buildings and improve comfort.</p>
<p><b>2017</b></p>	<p>Installed LED lighting in many buildings</p>
<p><b>2020</b></p>	<p>Reached an agreement to purchase wind energy from a Pennsylvania wind farm consortium for Northeast Ohio facilities</p>
<p><b>2021</b></p>	<p>Began Campus II solar array construction</p>

**TOP 4 SITES-TOTAL ELECTRIC USAGE YEAR OVER YEAR**



**PERCENT REDUCTION (2006-2020 year end)**



**Progressive has also adopted other smaller but important changes, including behavioral and employee initiatives.**

- Progressive has collected coffee grounds throughout kitchens in Cleveland since 2011. On average, 22,200 lbs. annually have been incorporated into a compost pile with yard waste and organic debris from all Cleveland sites.
- In August of 2019, Progressive replaced all polystyrene tableware and plastic utensils in our food operations with compostable alternatives. The new tableware is made from corn and is biodegradable. At the same time, all plastic straws were removed from Progressive food operations and break areas.
- Progressive creates one cylinder of polystyrene per month in the densifier at Campus II, and since the switch to compostable containers for food service, it's made up of mostly IT packing material. Each cylinder weighs about 45 pounds. 45 x 12 = 540 pounds annually. Each cylinder represents 8,000 8-ounce cups. 8,000 x 12 = 96,000 cups recycled each year.



**For more information about Progressive's sustainability efforts, visit:**

[https://s24.q4cdn.com/447218525/files/doc\\_downloads/sustainability/Corporate\\_Sustainability\\_Report\\_3%5b1%5d-1229.pdf](https://s24.q4cdn.com/447218525/files/doc_downloads/sustainability/Corporate_Sustainability_Report_3%5b1%5d-1229.pdf)