

# Greenest

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# My school primary source of energy

So my school is strictly 100% renewable energy. We do this through energy conservation, reduced consumption, and purchasing renewable energy credits through Renewable Choice Energy. These credits represent the environmental benefits associated with generating electricity from renewable energy sources such as solar, wind, geothermal, and biogas.



# Power Plants nearby?

The nearest power plant near me is Wisconsin River Co Power plant. This is a HydroElectric Power Plant.

- Wisconsin River Power Company (WRPCO) operates two hydroelectric plants, Petenwell and Castle Rock, on the Wisconsin River. It proportionately sells the energy produced to the two companies that own all of the outstanding shares of stock of the company. Wisconsin Public Service Corporation, based in Green Bay, WI, and Wisconsin Power and Light Company, based in Madison, WI, each own 50% of WRPCO.



# Clean energy initiatives

Our greenhouse gas emissions are calculated as follows:

1. Purchased electricity (the generation, transmission, distribution and consumption of electricity);
2. Stationary on-campus emissions from heating and cooling;
3. Transportation (movement of goods and the combustion of petroleum);
4. Emissions from agriculture and fertilizer application (management practices, methane emissions and soil emissions);
5. Emissions associated with decomposition of landfilled waste;
6. And those associated with the loss of refrigerants on campus.

## Solar Energy

- Most of the UW-Stevens Point residence halls are equipped with solar panels that preheat the domestic water.



# Initiatives Cont.

## Electric Vehicles

- To reduce our emissions and greenhouse gasses, electric vehicles are used by Facility Services Mail Room and Central Stores for campus deliveries rather than using trucks.

## Managed Forests

- We practice sustainable forestry on properties owned by UW-Stevens Point's CNR throughout central and northern Wisconsin.



# Story!

You ever think about the Energy Usage we have on campus? Or what UWSP does to save energy? There are more things than one and I encourage you to continue reading because you may just learn a thing or two.

First off, UWSP attains 100% renewable electricity use. There are only about 30 others in the country that are this way. This saves the university about half a million dollars per year on energy usage. Do you have any idea how much that is? It's a lot. The goal for the campus here is to be carbon neutral by 2050.

You know those weird little vehicles you see driving around. They are small, white, and look like a car, yeah so those are electric vehicles which help reduce our emissions and greenhouse gases. These roam the campus as campus deliveries instead of using larger more wasteful vehicles. Now you know that forest we have called Schmeeckle, well we practice many sustainable efforts within that forest. They help maintain biodiversity, productivity, regeneration capacity, etc. This property is actually owned by the College of Natural Resources on campus. The forest is managed to help store and improve soil and water quality.

# Story Cont.

Lastly, a majority of us sleep in Residential Halls and never even think about what's above us. Well most of the residential halls have solar panels which help preheat the domestic water. There is also a set of photovoltaic panels by the Noel Fine Arts Center which helps give light to part of the courtyard over there. How crazy is that?

There are many sustainable efforts and energy specific efforts that are involved within our campus and no one ever really notices it. We here about this stuff on the news or through second ear, but you are a part of it by being at this University and it is only growing from here. Organizations like the Office of Sustainability are pushing many efforts for us to use and always accepting to new ideas. Be involved and encourage others to take part in this amazing University as it looks out for you, let's look out for it.