



Notre Dame Academy

Green Bay, WI

Robert Pauly, President



Project Summary

Honoring our Creator God by teaching sustainable reverence for His creation
Implementing Green initiatives into a Christian high school environment

Implementing sustainable energy research into an engineering curriculum

Researching wind, solar, and geothermal energy options for school infrastructure

Notre Dame Academy is a co-educational Catholic High School in the Diocese of Green Bay, Wisconsin. It has 720 wonderful students and 76 dedicated teachers and staff.

Project Results

- Johnson Controls and Environmental Systems met with us along with students, teachers and engineers.
- Johnson Controls provided us with an education module called “Energy Action Technology” for grades 9-12.
- Environmental Systems, in collaboration with teachers, students and administration developed an Interactive Solution Path for Sustainability:
 - Students completed an energy audit.
 - Interested students will attend an “Energy Awareness” seminar focusing on energy impacts, building automation and energy management.
 - We will establish a web based summary of energy performance and tracking of energy usage at the school.
 - Sustainable energy projects will be offered to alumni for funding.



What We Have Learned

The project began with grand visions of a large wind turbine, extensive solar panels and a geothermal field. The cost estimation: \$500,000.

Although there is some money available through Focus on Energy and We Energies, we were unable to locate substantial capital funding for a project of this magnitude, especially after the economic downturn.

We had to scale back our plans to focus more on curriculum integration and small scale projects that could be adopted by alumni and benefactors.

I have learned to trust God’s Spirit, be malleable in God’s hands and be mindful of God’s time and plan.

