

Lake Land College

Chesterfield, MO

ANNUAL PROJECT SAVINGS

799,667



Miles driven by an average passenger vehicle

13,539



Trash bags of waste recycled instead of landfilled

360



Acres of US forest in one year

DECARBONIZATION

PROJECT OVERVIEW

Lake Land College is taking great strides to becoming the first sustainable college campus in Illinois. Wind, passive solar, photovoltaic, daylight harvesting, and geothermal systems are all playing a part to achieve a carbon neutral campus. Domestic hot water needs across campus are served by the Geothermal system and/or solar thermal panels to be located on the roof of the campus buildings. Other energy management efforts include energy saving lighting initiatives, a computer-based building control system utilized to control building temperatures, low flow faucets and toilets, vending machine controls, and daylight harvesting through new innovative skylights. These are just a few of the ways Lake Land College is stepping up its sustainability efforts to become a more environmentally friendly institution.

PROJECT HIGHLIGHTS

- Demand Control ventilation
- Building Automation System
- Natural Gas Boilers
- LED Lighting
- Mechanical Upgrades
- HVAC Controls
- Project Cost- \$70,000,000
- Contract Term- 14 years

