MSU is pursuing a new source of renewable energy that turns waste created on campus into electricity. The anaerobic digester project leveraged research, operations, and students to develop a business plan for a commercial scale digester on campus that will produce 0.5 megawatts of the 61.4 megawatts of campus electrical demand. Watch the video process here!

New Solutions for a Renewable Future:
Anaerobic Digester

The new digester eats food waste from campus dining halls—as well as farm waste—which is then heated at high temperatures to produce methane gas that generates electricity to power buildings on south campus while reducing the amount of food waste that ends up in a landfill. The byproduct of the process—a nutrient-rich mixture of digestate—can then be used to fertilize croplands at MSU.