Renewable Energy Camp is a five day pre-college program that is designed to educate youth on current issues and technologies impacting energy and the environment. Participants spend 5 days exploring ideas, research, and hands-on opportunities in the field of renewable energy. Youth work with leading researchers at MSU to conduct experiments, make their own biofuel, design and test wind turbines, and design and build a solar-powered model home.

In 2017, 33 youth attended Renewable Energy Camp. Post-event evaluations showed that participating youth gained knowledge and skills related to environmental science and conservation. Youth also reported aspiring towards scientific career fields.

91% of youth can use scientific data to form a question
93% of youth believe they can influence environmental issues through conservation
79% of youth are interested in a career in environmental science
87% of youth are now interested in attending MSU

“I am going to be more cautious about my everyday actions such as charging my laptop and blow-drying my hair. I also am able to educate other people about it now.”

“This camp has opened my eyes to how much we directly impact the environment.”

“I will try to be more environmentally friendly by saving water and turning off the lights when I don’t need them. I may also pursue a career path pertaining to world-friendly energy consumption.”

DID YOU KNOW?
Youth who participate in Michigan 4-H pre-college programs are more likely to go to college: of the youth who participated in Renewable Energy Camp in 2015 and 2016, 77% enrolled in college within 6 months after high school. That’s 23% higher than the Michigan average!