Collect your research here:

http://www.pccte.org/electronics.htm
Work with "amplifiers, computers, fiber optics, robotics, home and car audio, security alarm systems and much more."

http://www.nwitimes.com/news/special-section/2020/communities/nipsco-partners-with-the-porter-county-career-and-technical-center/article_49cc3913-e98a-5834-84a6-6826d642ba2e.html
the panels produce about 7.5 kilowatts per hour

The panels are comprised of photovoltaic (PV) cells, which change sunlight directly into electricity

the team created a robot that can adjust the panels to follow the sun

The PCCTC is the first school in Indiana to sell power to NIPSCO through solar panels

http://www.nwitimes.com/news/local/porter/valparaiso/porter-county-career-and-technical-center-shows-off-alternative-energy/article_f20030b8-828e-5426-b6b7-f7d534b85c0b.html
Tested various methods of orienting the solar panels to determine which method was most efficient and whether using a specific method was worth the associated costs

One method tested was to lay the solar panels flat on the roof, another method was to slope the panels, and a third method involved a robotic solar tracker built by the students which kept a solar panel aligned with the sun.

Funding for the program was procured through PCCTC's own funds as well as a grant from the Valparaiso Economic Development Council

The students also built a windmill with the help of the mechanical engineering class, and this windmill also produces power throughout the day.

https://enlighten.enphaseenergy.com/pv/public_systems/Xv9a151654/overview

Generate your questions here:

How much of the equipment is premanufactured compared to the equipment built in the PCCTC?

Given the necessary materials, could the students build these windmills or solar panels, and proceed to install them, of their own accord.

What plans do you have to further increase your production of clean energy?

What is the amount of work required to ensure that these panels continue to work as efficiently as possible?