

Grid-tied Photovoltaic Systems

In an effort to produce clean and renewable energy, The Fairfield Public School district is happy to announce that a 7.0 kW Grid-tied Photovoltaic System has been installed at Roger Ludlowe Middle School and a 6.0 kW Grid-tied Photovoltaic System has been installed at Tomlinson Middle School.



The above referenced systems were provided by the Connecticut Clean Energy Fund and installed by Sunlight Solar Energy. Depending on the size of the array installed and the total kilowatt hours (kWh) the school building uses, the district's electric bill may be significantly lower. In addition, there may be times when clean energy will be sold back to the utility company.

In addition to these systems, Fairfield Public Schools has a 2 kW Grid-tied Photovoltaic System installed at Fairfield Woods Middle School.

Please take a moment to view the kilowatt usage and savings for each school by clicking on the links below.

[**Fairfield Woods Middle School Photovoltaic System Graph**](#)

[**Roger Ludlowe Middle School Photovoltaic System Graph**](#)

[**Tomlinson Middle School Photovoltaic System Graph**](#)

As we attempt to move towards a country that is not dependent on oil as our primary source of energy, we need to continue to install renewable energy systems and implement sustainable energy programs. Our middle schools are a natural learning center for our community and serve as a vehicle to teach about these systems and programs.

In conjunction with the above photovoltaic systems at the middle schools, we attempt to give our 6th, 7th and 8th grade students a variety of hands on projects and applications of sustainable energy scenarios. These projects will establish and increase their technical understanding and civic awareness regarding the place that photovoltaic systems could hold in America's energy future. Our students come away with a deeper insight into what their role can be for the future of Fairfield, CT and the United States' energy plans.

We hope that you find this information as exciting and informative as we have.