

Sustainability Mission

Easton Utilities is committed to

enhancing
the quality of life

in our community by making environmental stewardship a priority. While remaining financially responsible, our organization proactively seeks out cost effective projects which help support our vision to

conserve the
environment.

To achieve this vision, the Easton Sustainability Campus projects will leverage each other to maximize both resource conservation and fiscal responsibility.

The Easton Sustainability Campus will be an

innovative
facility

comprised of multiple, diverse, renewable energy sources helping to improve both air and water quality through state-of-the-art technology.

It is also a model of sustainability in the state of Maryland and demonstrates a coordinated effort by municipal, county, and state agencies to protect the environment and serve its citizens.

Sustainability Vision

Easton Utilities is passionate about making responsible decisions that demonstrate resource conservation, help protect the environment, and benefit our community for generations to come.



Life. Made better.™

EastonUtilities.com
410.822.6110

201 N. Washington Street
Easton, MD 21601

© 2016 Easton Utilities



Easton
Sustainability
Campus
POWERED BY EASTON UTILITIES

A portfolio of renewable
energy technologies for
resource conservation.

SUSTAINABILITY

Solar PV Array



The addition of a photo-voltaic (PV) array at the Easton Sustainability Campus allows Easton Utilities to generate renewable electricity locally instead of purchasing energy off the grid. It will produce in excess of 100% of the Enhanced Nutrient Removal (ENR) Wastewater Treatment Facility's annual electrical consumption. The solar array portion of the Easton Sustainability Campus allows everyone to benefit regardless of housing situation, income, location, home owner or renter.



Wastewater Treatment Facility

The ENR Wastewater Treatment Facility is a state-of-the-art system designed to remove pollutants from wastewater before it is released to local waterways. After removing approximately 85 - 95% of the pollutants, the treated wastewater is disinfected using ultraviolet light, and then discharged. The byproduct of the treatment process is converted into a dry, manageable product known as biosolids, which is sold to local farmers as fertilizer.

Easton Utilities completed its state-of-the-art ENR Wastewater Treatment Facility in 2007 and continues to improve the reduction of nitrogen and phosphorous concentrations annually.



Landfill Gas to Electric Generator

A generator has been installed to convert methane gas from the Mid-Shore Regional Landfill to electricity. By capturing methane gas and converting it to a fuel source, Easton Utilities is reducing greenhouse gas emissions.

Methane gas is estimated to have a global warming impact 25 times greater than carbon dioxide (CO₂).

■ Collecting wind data

In order to explore the possibility of adding a wind turbine, studies are currently being conducted to determine the amount of wind available.

■ Considering battery storage

Easton Utilities is currently analyzing various storage technologies to capture power when it is available and release it on demand.

■ Educational partnerships of tomorrow

Easton Utilities has plans to partner with local schools and other institutions to help educate the future workforce on the next generation of energy technologies.

