

The NextGen Energy Program

The Path to Our Sustainable Energy Future.

The NextGen Energy Program (NextGen) plays a critical role in ensuring that the University of Maryland can depend on a sustainable energy system for decades to come. NextGen not only puts us on a pathway to achieve the university's goal of a fossil fuel-free energy system by 2035, but will also increase our efficiency and sustainability, reducing carbon emissions from our Central Energy Plant by 23% and saving 50% of the total water usage the plant requires annually.

NextGen will serve as one of the key platforms that will allow the university to meet and **surpass its sustainability goals and achieve a fossil fuel-free energy system by 2035.**

“A carbon-neutral campus is a significant step, but now it's time to set our sights on reducing UMD's dependency on fossil fuels. **We are committed to a fossil fuel-free power plant under the NextGen Energy Program.**”

- Darryll J. Pines, President, University of Maryland



The modernization and flexibility of our improved energy system will allow UMD to incorporate emerging technologies. NextGen will provide:



Improved operational efficiency, water recycling and decreased energy loss



Flexibility to incorporate low and zero-emission fuel options in the future



Energy conservation through enhanced building controls and monitoring systems



Energy resiliency enabling UMD to support the campus and surrounding community during power outages

NextGen will renew and modernize our systems to drive the University's success and support our mission of excellent teaching, research and service.

