**NJ Clean Energy Future**

**What Will A Clean Energy Future Look Like in 2050?**

**And How Do We Get There?**

**Pat and Steve Miller** are co-founders of “Middletown for Clean Energy”, a non-partisan citizens’ group working to guide Middletown, and other towns in Monmouth County and across NJ, to 100% clean energy by 2050. They have ongoing support from Sierra Club “Ready for 100” and a parallel Climate Reality Project “100% Committed”. The mission of Middletown for Clean Energy is to leave a legacy of a livable world for our children and grandchildren.

As part of a Community Outreach effort to celebrate the 50th anniversary of Earth Day, April 22, 2020, Pat and Steve are giving presentations to various community groups over the next several months. The presentation provides a vision of a clean energy future for NJ cities, NJ state, and beyond. Examples include wind and solar energy, changes in home heating and appliances, vehicles we will be driving and using for transport, and the future job market. They will also describe specific paths to clean energy and a sustainable future.

“Middletown for Clean Energy” developed and recently released a draft “Middletown Energy Plan”, which graphically shows specific actions which will yield the greatest Green House Gas (GHG) reductions. The Energy Plan uses NJ per capita GHG emissions. This means the data can easily port to towns with different populations, such as Lakewood, and the principles apply to a campus such as Georgian Court University. The emission reductions will largely result from changes made by individuals, households, and businesses. Georgian Court students will learn valuable concepts which they can apply to their future households and work environments.

The “Middletown Energy Plan” is based on NJ’s recently released Energy Master Plan, as informed by the NJ Global Warming Response Act, and “Laudato Si - On Care for our Common Home”. Both NJ state plans include actions such as “switch to renewable electricity” and “transition to electric vehicles”.

Pat and Steve are both retired Bell Labs engineers. Pat Miller holds an MS in Statistics from Rutgers. She retired as a project manager in telecommunications at Telcordia Technologies. She is a member of the Middletown Green Team. Steve Miller holds an MSEE degree from NYU. He retired as Technology Planning Manager at Avaya Communications. He is “Climate Chair” for the Jersey Shore (Monmouth) Sierra Club.

They have continued to apply latest science to their climate-themed presentations for over 3 years, and have now found a new lifetime career.

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