

Letter of Information
Economic Matters
3/11/2025

House Bill 1079 – Public Service Commission – Study on the Electric Transmission and Distribution System

Baltimore Gas and Electric Company (BGE) submits this letter of information for *House Bill 1079 – Public Service Commission – Study on the Electric Transmission and Distribution System*. House Bill 1079 requires the Public Service Commission (Commission) to conduct a study on the electric transmission and distribution systems in the state. This study aims to assess the potential application of grid-enhancing technologies and advanced conductors to ensure system reliability and safeguard cybersecurity and physical security.

As a utility providing electricity to 1.3 million customers and natural gas to more than 700,000 customers in Central Maryland, BGE is supportive of efforts to enhance the reliability and protect the cyber and physical security of the electric transmission and distribution systems in Maryland.

BGE evaluates and considers the use of grid-enhancing technologies, such as high-performance conductors and energy storage solutions, when they most effectively support the electric system. These technologies are considered in the normal course of business for projects and alternatives where they best support the electric system.

However, requiring utilities to utilize these assets as an alternative to constructing transmission lines may not be appropriate in instances where installing grid-enhancing technologies do not cost-effectively or operationally address the issues necessary to maintain reliability. Moreover, installing advanced conductors may significantly increase costs to customers without a corresponding benefit if a less costly traditional conductor could meet the forecast need and provide the necessary reliability and resilience for the foreseeable future.

BGE remains committed to supporting Maryland's energy transition and policies that keep affordability, resiliency, and reliability a priority. We are steadfast in our charge to utilize grid-enhancing technologies and advanced conductors, when appropriate, to advance these efforts. Finally, BGE believes a comprehensive assessment of the State's electric transmission and distribution systems are essential, and utilities should have a role to play in this process.

BGE, headquartered in Baltimore, is Maryland's largest gas and electric utility, delivering power to more than 1.3 million electric customers and more than 700,000 natural gas customers in central Maryland. The company's approximately 3,400 employees are committed to the safe and reliable delivery of gas and electricity, as well as enhanced energy management, conservation, environmental stewardship and community assistance. BGE is a subsidiary of Exelon Corporation (NYSE: EXC), the nation's largest energy delivery company.

Charles Washington | Brittany Jones | Guy Andes | Dytonia Reed | 410.269.5281