FY22 Maryland Energy Infrastructure Grant Program
Award Recipients

Awardee	County	Award Amount
Berlin Municipal Electric Utility	**Worcester**	**$425,000**

Berlin Municipal Electric Utility is proposing to replace two current diesel gas generators with the installation of two new Caterpillar fast start, EPA certified natural gas fueled gensets each with a nominal output of 25,000 kilow-watts (KW). The two current diesel generators are environmentally unfriendly. Berlin Municipal Electric Utility will be cleaning up the environment by displacing trucked commodities from diesel to natural gas fired generators. Berlin Municipal Electric Utility is expecting to add 25 jobs during the installation and construction of the generators. Berlin Municipal Electric Utility will be using these two new gensets to improve resiliency in the surrounding area.

Maryland Environmental Service	**Somerset**	**$525,000**

Maryland Environmental Service (MES) was established by the General Assembly in 1970 to assist with the preservation, improvement, and management of the quality of air, land, water, and natural resources, and to promote the health and welfare of citizens of the State. MES will use funding from MEA to continue bringing natural gas to Eastern Correctional Institution (ECI). The funding from this grant will install a pipeline from Chesapeake Utilities regulator station to the ECI Cogeneration Plant, Annex, and Maryland Correctional Enterprises (MCE) tie-in points, convert or replace the existing propane-fired HVAC equipment at the ECI Annex/MCI buildings, and convert the wood-fired high pressure boilers at the ECI cogeneration plant. MES will be displacing woody biomass and propane in its existing facilities. MES expects increased economic development within Somerset County to support local businesses and the County government. Additionally, the conversion to natural gas will nearly eliminate particulate matter from an ash producing fuel while reducing greenhouse gas and other emissions. MES expects to displace 2,619 diesel trucks per year.

Awardee	County	Award Amount
University of Maryland Eastern Shore	**Somerset**	**$750,000**

The University of Maryland Eastern Shore (UMES), the state's historically black 1890 land-grant institution, has its purpose and uniqueness grounded in distinctive learning, discovery and engagement opportunities in the arts and sciences, education, technology, engineering, agriculture, business and health professions. With funding from MEA, UMES will continue on a comprehensive campus-wide project to convert its energy sources from #2, #4, and #6 heating oil to energy-efficient natural gas. UMES will continue to convert 17 boilers that presently use heating oil around campus to natural gas fired boilers. This project has many environmental benefits including reducing campus carbon emissions by 25% to 30%, reducing maintenance costs by about 30% and creating both short and long term job opportunities for residents in Somerset County and the surrounding areas of the eastern shore.

Clean Energy Corporation	**Baltimore County**	**$300,000**

Clean Energy Corporation is a leading provider of natural gas and renewable natural gas fuel for transportation in the United States and Canada. With funding from MEA, Clean Energy will develop a new public-access fueling station powered by 100% renewable natural gas. The facility will provide public-access service for natural gas fueled vehicles of all classes, as well as private time-fill technology for anchor tenant Amazon. The public side will be a full-service alternative fuel experience that will provide four lanes of fast and convenient fueling. The private side will accommodate the fleet expansion needs of the station's first anchor tenant, Amazon, that is deploying 179 new, near-zero natural gas trucks in the area over the next two years; beginning with 118 class 8 heavy-duty trucks and 61 class 6 box trucks. This project is located in a One Maryland Economic development zone. This project will reduce harmful effects of industrial exhaust, create new markets for natural gas in Maryland, support a key economic driver and enhance the state's energy independence and security. The facility will displace 1.7 million gallons of diesel fuel and directly reduce 12,190 metric tons of CO_2e greenhouse gas emissions over the project's lifecycle.

Baltimore City Public Schools	**Baltimore City**	**$1,250,000**

Baltimore City Public Schools is a public school district located in the city of Baltimore Maryland. With funding from MEA, Baltimore City Public Schools will convert Charles Carroll Barrister Elementary and William Paca Elementary schools from heating oil to natural gas. Baltimore City Public Schools will also use funding from MEA to upgrade up to eleven schools across the City from heating oil #2 fired water heaters to new, cleaner, more resilient

natural gas fired water heaters. Baltimore City Public Schools will displace roughly 30 diesel trucks that currently bring in dirtier trucked commodities. The project schools will have better air quality for students learning and the city schools operations administrators can focus their efforts on other needs, including other energy efficiency projects, with a modernized and reliable energy system.

Board of Education of Anne Arundel County **Anne Arundel County** **$1,250,000**

Anne Arundel County Public Schools (AACPS) is the 4th largest school district in Maryland and educates over 82,000 students across 125 facilities made up of 14 million square feet of floor space on 3,200 acres of land. AACPS was recently recognized by the Department of Energy as a Better Building Challenge Goal Achiever by achieving a 20% reduction in annual energy intensity from a 2013 baseline. With funding from MEA, AACPS plans to upgrade Wiley H Bates Middle School from heating oil to natural gas. AACPS have also identified up to seven additional schools that are feasible conversions over the next couple of years. All of these sites are feasible according to BGE and in all cases fiscally advantageous for AACPS based on heating oil rates. AACPS is estimating to avoid 592,000 lbs-$C0_2$ or 296 tons of $C0_2$ per year for Bates MS and 1,604,492 lbs-$C0_2$ or 802 CO_2 per year for the additional schools. AACPS expects to displace oil delivered by nine trucks per year or up to 13 deliveries per year at Bates MS. With the upgrades the students will have improved air quality from reduced $C0_2$, CH_4, N_20, and $S0_2$. AACPS will also save money for lower cost to operate and maintain the new infrastructure.

Chesapeake Utilities Corporation **Somerset County** **$1,000,000**

Chesapeake Utilities Corporation is a diversified energy delivery company, with regulated and unregulated business units operating in six states. With funding from MEA, Chesapeake Utilities will extend a high-pressure welded steel gas line on Rt. 13 to the Princess Anne Industrial park, terminating at the planned Planet Found (“PF”) facility, where a District Regulator Station would be sited. An injection point would be installed on the PF site as well to accept direct injection of pipeline quality Renewable Natural Gas produced by the PF bio-digestion process. This project is estimated to avoid 896 metric tons of carbon per year which is the equivalent of removing 195 cars from the roads in Maryland. This project will reduce energy costs for the existing tenants within the industrial park, which will bolster financial viability. Lower-cost natural gas will also serve to make the Park a more attractive location for future tenant-employers, including industrial enterprises whose processes require natural gas.

Awardee	County	Award Amount
Wicomico County Maryland	**Wicomico County**	**$500,000**

Wicomico County submitted an application to furnish gas services to the Salisbury Regional Airport. The airport is owned and operated by Wicomico County and the executive office and council have demonstrated the importance of the airport and the region through increased funding. This project includes having clean, reliable, and efficient natural gas for airport businesses and economic development. The addition of natural gas to the airport and its business park will help with securing another long-term lease for Piedmont which is the only Maryland based airline. The retention of these jobs is crucial to the future economic success of this region. The project is estimated to displace 179.6 metric tons of CO_2 per year.

Washington Gas and Light Company	**Charles County**	**$1,000,000**

Washington Gas and Light Company (WGL), an indirect, wholly owned subsidiary of AltaGas, is a natural gas utility that provides service to more than 1.2 million residential, commercial, government, and industrial customers in Washington D.C. and surrounding regions in Maryland and Virginia. WGL submitted a comprehensive application that includes funding for the installation of natural gas in 3,100 homes in the Town of La Plata, extending the main service line from the St. Charles area south to the Heritage Green project in La Plata.

Baltimore Gas and Electric Company	**Baltimore City and Anne Arundel County**	**$500,000**

Baltimore Gas and Electric (BGE) serves more than 680,000 gas customers in a diverse, 800 square-mile gas service territory encompassing Baltimore City and surrounding central Maryland Counties. BGE is a part of Exelon Corporation's family of companies. With funding from MEA, BGE plans to support public school conversions to natural gas from non-electric commodities in alignment with MEA's priority for schools. BGE will commit matching funds in the amount of $500,000 to help facilitate the conversions of public schools in Baltimore City and Anne Arundel County.