FY22 Combined Heat and Power (CHP)
Award Recipients

Awardee	County	Award Amount
TCR² Therapeutics, Inc.	**Montgomery**	**$550,000**

TCR² Therapeutics, Inc. ("TCR²") is a clinical-stage immunotherapy company that develops T-cell therapies for cancer patients. It recently acquired a facility in Rockville, MD currently under buildout to house its cell therapy manufacturing operations. TCR² is critically dependent on continuous availability of energy to safeguard the production and storage of their therapy products. Prolonged loss of power could result in catastrophic losses. TCR² will install a 1,000 kilowatt ("kW") turbine CHP system to provide nearly all of the site's annual electricity needs as well as thermal energy for heating purposes and to supply hot water to an absorption chiller for chilled water purposes. It will be configured to operate essential loads throughout power outage situations.

Johns Hopkins Health System Corporation	**Baltimore City**	**$650,000**

Johns Hopkins Health System Corporation's Bayview Medical Center ("JH Bayview") is located in southeast Baltimore City, MD and provides critical medical care to Marylanders. It has has 426 licensed beds and 45 neonatal beds. JH Bayview is home to one of the State's most comprehensive neonatal intensive care units, a sleep disorders center, a comprehensive neurosurgery center/neurocritical care unit, an area-wide trauma center, Maryland's only regional burn center and a wide variety of nationally recognized post-acute care and geriatrics programs. The hospital is highly-dependent upon access to reliable, resilient energy to ensure it can provide the proper care to its patients and safeguard the life, health, safety of patients, staff, and visitors. JH Bayview will install a 3,012 kW CHP system composed of two (2) 1,506 kW reciprocating engine units. It will provide the hospital's baseload electricity, or about two thirds of its annual consumption. The thermal energy will be used to generate steam, hot water, and hot water to be sent to an absorption chiller for chilled water purposes. It will be configured to operate essential loads throughout power outage situations.