



FY22 Resilient Maryland Award Recipients – Round 2

<u>Awardee</u>	<u>County</u>	<u>Award Amount</u>
City of Cumberland	Allegany	\$100,000
<p>The City of Cumberland (“the City,” “Cumberland”) serves as the County Seat of Allegany County. It has a permanent population of over 19,000 residents according to the 2020 Census. It is located along the Potomac River and is part of the Interstate 68 Corridor, and as a result is considered a regional business and commercial center for Western Maryland. About twenty-four percent (24%) of Cumberland’s population live below the poverty line. This is nearly double the national average of 12.3%, which means that the community faces disproportionate socioeconomic challenges and vulnerabilities. The City will use its \$100,000 in Resilient Maryland planning funds to conduct a feasibility analysis and complete preconstruction planning deliverables for a microgrid to bolster the resilience of its wastewater system and two (2) to three (3) City buildings that provide emergency services. Technologies under consideration include solar PV, wind turbines, battery energy storage, electric vehicle charging, combined heat and power (CHP), the recommissioning of an anaerobic digester, and absorption chilling. This project carries a critical public safety significance. Access to potable water and sustaining emergency services are core to societal stability and continuity. Additionally, Cumberland residents who are experiencing socioeconomic vulnerabilities and challenges would be disproportionately impacted by lack of these resources. Supporting the analysis of this project will help define resilience solutions for the entire City, which can also help deliver on enhancing energy equity.</p>		
Bowie State University	Prince George’s	\$100,000
<p>Bowie State University (“BSU”) is a nationally-accredited four-year Master’s (Comprehensive) University that offers Master’s degrees and Ph.D. degrees located in Prince George’s County, in the City of Bowie. It is also a Historically Black College / University (“HBCU”). BSU had a 2019 enrollment of 6,171 students, comprised of 5,227 undergraduate students and 834 graduate students. It is the oldest Historically Black Institution (“HBI”) of the four (4) HBIs located in Maryland, established in 1865. The student body is predominantly African American. BSU is committed to its mission of “providing access to higher education for underrepresented populations, with a commitment to reach a diverse student population.” It will use its \$100,000 Resilient Maryland funding to conduct a feasibility analysis and complete preconstruction planning deliverables for a campus microgrid to bolster the resilience of critical university loads throughout various buildings</p>		



Maryland

Energy Administration

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Mary Beth Tung, Director

and enhance its sustainability, part of its 2020 – 2030 Facilities Master Plan and updated Climate Action Plan. Technologies under consideration include solar PV, wind turbines, battery energy storage, electric vehicle charging, CHP, anaerobic digestion, a heat recovery steam generator (“HRSG”), and absorption chilling. BSU also seeks to integrate the microgrid analysis into its academic offerings, providing students with the opportunity to receive hands-on training for careers in the clean energy economy.

Groundswell, Inc.

Montgomery

\$159,065

Groundswell, Inc. (“Groundswell”) is a 501(c)(3) nonprofit, “whose mission is building community power.” It develops clean energy programs that help reduce energy burden, provides comprehensive enrollment and support programs for energy customers, and is a leader on pioneering research and demonstration projects. Groundswell will use its \$159,065 Resilient Maryland award to complete a comprehensive project with Montgomery County to conduct a countywide analysis on potential sites to serve as resiliency hubs, with special focus on communities with Marylanders experiencing low-to-moderate income, communities located in Equity Emphasis Areas (defined by the Metropolitan Washington Council of Governments), and communities located in areas disproportionately vulnerable to climate change. Up to twenty (20) Resiliency Hubs across the County will be studied, and feasibility analyses and preconstruction planning deliverables will be produced for the most viable locations. This project replicates Groundswell’s FY20 Resilient Maryland project in which they conducted these same types of studies for twenty-six (26) prospective Resiliency Hubs in Baltimore City’s most vulnerable communities. This analysis is crucial for emergency planning and will demonstrate that the networked Resiliency Hub model is both replicable and scalable.