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Maryland Public Service Commission Receives 5 Transmission-Connected Energy Storage Applications Under the Next Generation Energy Act

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Baltimore, MD – The Maryland Public Service Commission has received five applications seeking the award of energy storage capacity credits (ESCC) in Round 1 of its solicitation for up to 800 MWs of front-of-the-meter transmission-connected energy storage projects. ESCCs help improve the ability of large energy storage projects to obtain financing by acting as a hedge against future PJM capacity market price uncertainty by providing a more stable revenue stream.

Eligible energy storage projects must be electric transmission-connected, possess at least 4-hour discharge duration, and become operational within 24 months of the ESCC award, unless an extension is received from the Commission. The Commission must approve, conditionally approve, or reject Round 1 applications for ESCCs projects by October 1, 2026. A procedural schedule and notice of public hearings will be issued in the coming weeks.

“These applications are an important milestone for Maryland in our efforts to meet state energy policy goals set by the legislature in the Next Generation Energy Act of 2025,” said Kumar P. Barve, chair of the Commission. “As electricity demand increases due to electrification, data center growth and new development, a strategic deployment of energy storage will help provide a more sustainable, resilient, and cost-effective power supply. These rapid-response battery storage systems proposed by developers will charge during off-peak hours and dispatch energy during high-demand, peak times to support the grid.”

As background: During the 2025 session of the Maryland General Assembly, the legislature passed the Next Generation Energy Act (NGEA). The electric transmission-connected energy storage parts of the NGEA require the Commission to issue at least two solicitations for a cumulative 1,600 MWs of front-of-the-meter transmission-connected energy storage, with each energy storage device having a minimum 4-hour duration. The first 800 MW capacity solicitation must be issued on or before January 1, 2026, and the second 800 MW capacity solicitation must be issued on or before January 1, 2027. Round 1 of the NGEA Energy Storage Request for Applications (RFA) was issued on December 24, 2025, with applications due March 2, 2026.

Battery energy storage systems can play a critical role in providing benefits to the environment, customers and the grid by reducing greenhouse gas emissions, lowering peak electricity demand, relieving transmission line congestion and can help to avoid more costly grid infrastructure investment. Devices can also be used to store excess energy generated from solar or wind generation, which can be discharged later, maximizing the efficiency of renewable resources.

The Commission has retained Power Advisory LLC to assist in managing the energy storage solicitation process. Power Advisory has retained Customized Energy Solutions Ltd. to lead the quantitative elements of the detailed energy storage proposal evaluations.

The ESCC project applications in Round 1 received include:

Project Name	Applicant	Project Location (County)	Energy Storage Technology	Nameplate Capacity (MW)	Storage Duration (Hours)	Interconnecting Utility
<i>Oystercatcher Energy Storage</i>	<i>Cardinal Energy Storage East, LLC</i>	<i>NW corner of Harford County, adjacent to the BGE Conastone Substation</i>	<i>Lithium Ion</i>	<i>500</i>	<i>6</i>	<i>Baltimore Gas & Electric</i>
<i>Fourth Quarter BESS</i>	<i>RWE Supply & Trading Americas, LLC</i>	<i>21200 Martinsburg Rd, Dickerson, MD 20842 (Montgomery)</i>	<i>Lithium Iron Phosphate</i>	<i>300</i>	<i>4</i>	<i>Potomac Electric Power Company</i>
<i>Pulaski Energy Storage</i>	<i>Pulaski Energy Storage LLC</i>	<i>8337 Pulaski Highway Baltimore, Maryland 21237 (Baltimore)</i>	<i>Lithium Iron Phosphate</i>	<i>135</i>	<i>4</i>	<i>Baltimore Gas & Electric</i>
<i>Chalk Point Storage</i>	<i>Chalk Point Reliability Storage LLC</i>	<i>25100 Chalk Point Rd, Aquasco, MD 20608 (Prince George's)</i>	<i>Lithium Iron Phosphate</i>	<i>400</i>	<i>4</i>	<i>Potomac Electric Power Company</i>
<i>Jade Meadow III Battery Storage</i>	<i>Jade Meadow III LLC</i>	<i>1700 Russell Road, Barton, MD 21521 (Garrett)</i>	<i>Lithium Ion</i>	<i>40</i>	<i>4</i>	<i>First Energy / Potomac Edison</i>

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About the Public Service Commission:

The Maryland Public Service Commission regulates electric and gas utilities and suppliers, telephone companies (land lines), private water and sewer companies, passenger motor vehicle carriers for hire, taxicab companies in some jurisdictions and bay pilot rates. The Commission implements the State's energy policy and also regulates the siting of energy generating facilities and high-voltage transmission lines.