



MD PSC NGEA Energy Storage Round 1 Applicant Webinar

January 8, 2025, 3:00 – 4:30pm ET



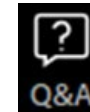
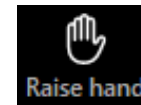
**POWER
ADVISORY**



**Customized
Energy Solutions**

Today's Applicant Webinar

- All aspects of this Applicant Webinar are governed by the State Of Maryland Public Service Commission Request for Applications (RFA): Transmission Connected Energy Storage - Round 1, pursuant to Next Generation Energy Act, issued on December 24, 2025.
- This Applicant webinar presentation is:
 - Provided for discussion purposes only and not authoritative guidance regarding RFA Round 1.
 - Official responses will be published publicly in writing to [NGEA RFA website](mailto:MDPSC-NGEA-Storage@poweradvisoryllc.com) for questions submitted by Applicants to MDPSC-NGEA-Storage@poweradvisoryllc.com.
- Please feel free to use the Q&A function to submit questions in writing throughout today's webinar.
- Please use the Raise Hand function to request to be unmuted to verbally ask questions.



Representatives at Today's Webinar

- **RFA Administrator**

- Power Advisory
 - John Dalton, President
 - Ami Khalsa, Manager
 - Andrew Bracken, Manager
- Customized Energy Solutions (CES)
 - Stephan Wollenburg, Director
 - Utsav Adhikari, Associate Director
 - Madeline Frierson, Lead Consultant

- **MD PSC Commission Advisors**

- John Borkoski, Senior Commission Advisor
- Sam Beirne, Assistant Director
- Annika Barth, Commission Advisor
- Joey Chen, Associate General Counsel

Agenda

- Representatives at Today's Webinar
- Role of Parties
- Compliance with the 2025 Maryland Next Generation Energy Act (NGEA)
- Indicative Schedule
- Evaluation Process
- MD PSC NGEA Energy Storage Round 1 Eligibility Requirements
- Energy Storage Capacity Credit (ESCC) Price Schedules
- Benefit-Cost Analysis
- Non-Price Submission Requirements
- Application Submission
- Questions

Role of Parties

- **Maryland Public Service Commission (MD PSC):** Evaluate the Applications and the RFA Administrator's recommendations; will open a proceeding that will provide an opportunity for parties to the proceeding to conduct discovery; and hold one or more public hearings to receive public comments and decide whether to approve, conditionally approve, or deny the various Applications received.
- **Maryland Public Service Commission Advisors:** Advisors to the MD PSC, working directly with the RFA Administrator on this RFA process.
- **Request for Applications Administrator (RFA Administrator):** Power Advisory LLC (Power Advisory) along with its sub-contractor, Customized Energy Solutions (CES) who are responsible for administering the RFA process.
- **Maryland Public Service Technical Staff:** Independent, expert arm of the Commission that provides policy recommendations and conducts economic and technical analysis for docketed cases, among other things; likely intervenor in the RFA proceeding.
- **Maryland Office of People's Council:** Ratepayer advocate, likely intervenor in the RFA proceeding.

Compliance with the 2025 Maryland Next Generation Energy Act (NGEA)

- The Next Generation Energy Act provides that, on or before January 1, 2026, the Maryland Public Service Commission shall open the Round 1 Energy Storage Capacity Credit Application Window. The RFA was issued on December 24, 2025 opening the Application Window.
- The RFA outlines the process that the RFA Administrator and the Commission will use to select up to 800 MW of at least 4-hour, front-of-the-meter transmission connected energy storage. The Commission will issue a decision whether to approve one or more proposals by October 1, 2026.
- A second Application Window to select up to an additional 800 MW of at least 4-hour, front-of-the-meter transmission connected energy storage will open on or before January 1, 2027, with the Commission issuing a decision whether to approve one or more proposals by October 1, 2027.
- Applications will be selected by the Commission in consultation with the RFA Administrator. The Commission will issue one or more orders approving an Application or Applications, if the Commission finds such Application(s) adequately support the goals established in the NGEA.

Indicative Schedule

Event	Date
RFA Issuance - Solicitation Window Opens	December 24, 2025
Applicants' Webinar	January 8, 2026, at 3:00pm – 4:30pm ET
Deadline to Request Confidential ShareFile Link	February 23, 2026, at 5:00pm ET
Application Submission Deadline	March 2, 2026, at 4:00pm ET
Notice of Administrative Completeness	May 1, 2026
Commission Hearings	June 1, 2026 - August 1, 2026
Application Evaluation by the Commission	August 1, 2026 - October 1, 2026
Commission Project Selection	October 1, 2026

- This schedule may be revised by the Commission through a procedural schedule issued after Applications are received. The dates specified in the NGEA will not be revised (shown in blue).

Evaluation Process

- The RFA Administrator will review Applications to determine whether they meet the Eligibility Requirements as specified in the RFA.
- Where necessary, the RFA Administrator will notify Applicants that their Application is not administratively complete and provide the Applicant an opportunity to cure the Application.
- The RFA Administrator will then prepare and submit an interim report containing its assessment of and recommendations for administrative completeness of the submitted Applications and whether the Applications satisfy the Eligibility Requirements.
- Considering the RFA Administrator's recommendations, the Commission will make a final decision whether an Application is administratively complete and may determine that certain applications are conditionally complete, but subject to conditions to be considered administratively complete.
- The RFA Administrator will then conduct a detailed evaluation of the Applications and ultimately prepare a final report containing its evaluation of the Applications and recommendations to the Commission.
- The Commission will evaluate the Applications and consider the RFA Administrator's recommendations; provide an opportunity for parties to the proceeding to conduct discovery; and hold one or more public hearings to receive public comments and decide whether to approve, conditionally approve, or deny the various Applications received.

MD PSC NGEA Energy Storage Round 1 Eligibility Requirements

- Applications must meet the various Eligibility Requirements outline in RFA Section 2.2. These include:
 - Project Eligibility
 - Eligible Storage Technologies
 - Safety Requirements
 - Energy Storage Capacity Credit (ESCC) Price Schedule Term
 - Required Commercial Operation Date
 - Minimum and Maximum Project Sizes
 - Interconnection Status
 - Site Control
 - Permitting
 - Stakeholder Engagement
 - Development and Operating Experience
 - Attestation to Applicant Commitments

Energy Storage Capacity Credit (ESCC) Price Schedules

- Applicants shall submit ESCC Price Schedules for the following ESCC Price Schedule term options:
 - Option 1 (Required): 15-year ESCC Price Schedule term, no escalation in the ESCC Payment Rate.
 - Option 2 (Required): 15-year ESCC Price Schedule term, fixed annual escalation in the ESCC Payment Rate (Applicant-defined escalation rate).
 - Option 3 (Optional): 20-year ESCC Price Schedule term, with either fixed annual escalation or no escalation in the ESCC Payment Rate.

ESCC Price Schedule and Payment

ESCC Payment Rate
(option selected by Commission)

ESCC Delivery Year	Contracted Storage Capacity (MW)	Contracted Storage Energy (MWh)	ESCC (\$/MW-year)		
			Option 1: 15-year, no escalation	Option 2: 15-year, fixed escalation	Option 3: 20-year
				2%	
1			\$ -	\$ -	\$ -
2			\$ -	\$ -	\$ -
3			\$ -	\$ -	\$ -
4			\$ -	\$ -	\$ -
5			\$ -	\$ -	\$ -
6			\$ -	\$ -	\$ -
7			\$ -	\$ -	\$ -
8			\$ -	\$ -	\$ -
9			\$ -	\$ -	\$ -
10			\$ -	\$ -	\$ -
11			\$ -	\$ -	\$ -
12			\$ -	\$ -	\$ -
13			\$ -	\$ -	\$ -
14			\$ -	\$ -	\$ -
15			\$ -	\$ -	\$ -
16			N/A	N/A	\$ -
17			N/A	N/A	\$ -
18			N/A	N/A	\$ -
19			N/A	N/A	\$ -
20			N/A	N/A	\$ -

ESCC Payment Formula for a delivery year

Annual ESCC Payment Amount = CSC * ESCC Payment Rate

Required
Applicant Input

Optional

Benefit-Cost Analysis (BCA)

- The RFA Administrator will conduct a BCA for each Application that meets the eligibility requirements and is deemed administratively complete. The analysis will:
 1. Calculate the ESCC Price, specifically, the Net Present Value (NPV) of ESCC payments over the proposed ESCC Price Schedule term.
 2. Calculate the NPV of quantifiable benefits to Maryland ratepayers over the ESCC Price Schedule term.
 - o Benefits include:
 - Capacity Market Revenues;
 - Wholesale Energy Market Price Impact – System Energy, Congestion Cost, and Marginal Loss Components;
 - Capacity Market Price Impact;
 - Avoided Emissions;
 - Improved Reliability Value; and
 - Other Quantifiable Benefits
 3. Determine the benefit-cost ratio for each Application by dividing total benefits by total costs.

BCA – Evaluate Value to Ratepayers

Parameter	Source
Cost	
ESCC Payment Amount	Applicants' submission, ESCC Price Schedule option selected by Commission
Benefits	
Capacity Market Revenues	Applicants' submission – CSC, project details (technology, duration, location) CES projections for capacity market prices, ELCCs
Wholesale Energy Market Price Impact – System Energy, Congestion Cost, Marginal Loss Components	Applicants' submission – CSC, project details (technology, duration, location) CES projections for energy market prices
Avoided Emissions	Applicants' submission – CSC, project details (technology, duration, location, market participation), co-located generation and fuel consumption CES production cost modeling and projection of fuel prices
Improved Reliability	Applicants' submission – CSC, project details (technology, duration, location) PJM, NERC studies
Discount Rate	To be determined later by the Commission

Non-Price Evaluation

- The following are required for non-price evaluation:
 - Project Viability
 - Project Characteristics
 - Interconnection Queue Status & Generator Interconnection Rights
 - Site Control
 - Permitting Plan
 - Key Development Milestones
 - Operating Plan
 - Applicant Experience
 - Safety Plan
 - Financing Plan
 - Stakeholder Engagement
 - Climate Resilience
 - Economic Benefits to Local Communities and Maryland
 - System Benefits
 - Ancillary Services Benefits
 - Avoided or Deferred Investments in Transmission Infrastructure
 - Renewable Energy Value

Application Submission

- Applicants are required to submit their proposal(s) by March 2, 2026, at 4:00pm ET through their unique confidential ShareFile link.
- Applicants must request a ShareFile link by emailing the RFA Administrator at MDPSC-NGEA-Storage@poweradvisoryllc.com, **at least one week prior to the Application Submission Deadline.**
- The RFA Administrator will provide the confidential ShareFile links to Applicants who have made such a request, at least 48 hours prior to the Application Submission Deadline of March 2, 2026, at 4:00pm ET.
- Applicants will receive confirmation from the RFA Administrator of their Application Submission, including a list of all documents received.

Required Documents for Submission

Attachment A. Public Project Summary
Attachment B. Project Characteristics
Attachment C1. ESCC Price Schedule – Standalone Storage
Attachment C2. ESCC Price Schedule – Hybrid
Attachment D. Quantitative Benefits
Attachment E. Interconnection & Site Control
Attachment F. Permitting & Development Milestones
Attachment G. Operating & Safety Plans
Attachment H. Applicant Experience & Financing Plan
Attachment I. Stakeholder Engagement & Economic Benefits
Attachment J. Climate Resilience
Attachment K. System Benefits
Attachment L. Application Certification and Authorization

Questions?

- Please use the Q&A function to submit questions or raise your hand to be unmuted to ask a question verbally.
- Official responses will be published on the [NGEA RFA website](#).
- Questions may be submitted by email to MDPSC-NGEA-Storage@poweradvisoryllc.com.
- Any questions submitted that the RFA Administrator posts along with the responses will be anonymized on the [NGEA RFA website](#) under FAQs.
- Questions may not be submitted directly to any individual at Power Advisory other than the designated RFA Administrator email of MDPSC-NGEA-Storage@poweradvisoryllc.com.
- Questions should not be submitted to the Commission or Commission Staff or directly to individuals working for or on behalf of the RFA Administrator.