

Before We Get Started...

Due to the large number of attendees today:

- ✓ Your audio is muted.
- ✓ Time is reserved at the end of the presentation to answer questions. Please submit your questions using the Q&A feature.
- ✓ For technical support, please use the Help feature in the upper right corner or the Q&A feature.

**2021 Solar, Onshore
Wind & Energy
Storage RFP**

**THANK YOU FOR
JOINING.**

**THE PROGRAM
WILL BEGIN
SHORTLY.**



2021 Solar, Onshore Wind & Energy Storage RFP Informational Webinar

June 24, 2021



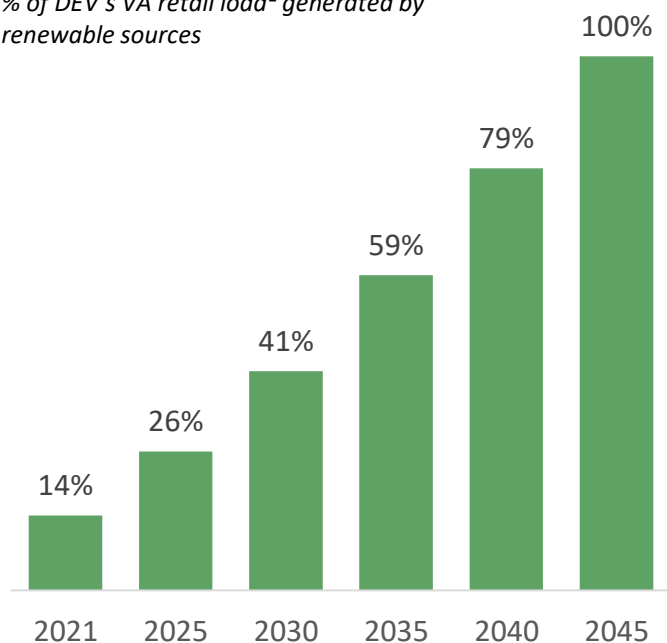
2021 Solar, Onshore Wind & Energy Storage RFP

Virginia Clean Economy Act (VCEA) – Driving renewable energy growth



Renewable portfolio standard¹

% of DEV's VA retail load² generated by renewable sources



A multi-faceted approach to achieving renewable portfolio requirements

- **100% zero-carbon** generation by 2046 with critical protections for **reliability** and low-income **customers**
- **75%** of RECs from Virginia facilities starting in 2025
- Significant development of zero-carbon resources (**24 GW** by 2036)
 - **16.1 GW** solar/onshore wind
 - Includes **1.1 GW** of small scale
 - 65% company-owned, 35% PPAs
 - Step-wise approach
 - 3,000 MW by 2024
 - 6,000 MW by 2027 (cumulative)
 - 10,000 MW by 2030 (cumulative)
 - 16,100 MW by 2035 (cumulative)
 - **5.2 GW** offshore wind (**3 GW** by 2028)
 - **2.7 GW** energy storage (**800 MW** pumped storage)



2021 Solar, Onshore Wind & Energy Storage RFP

WEBINAR AGENDA

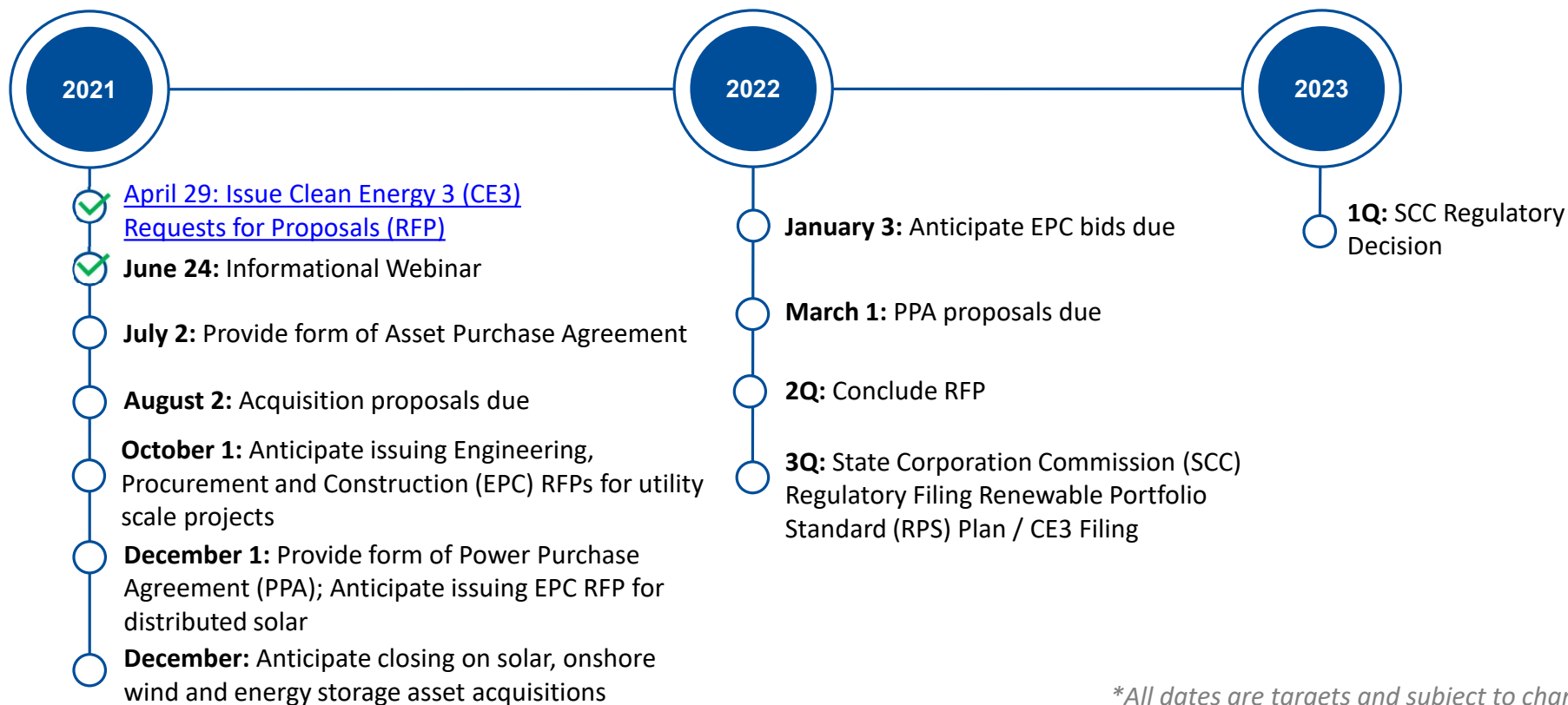


- RFP Schedule and Scope
- Utility Scale - Acquisition Requests
 - Notable Changes
 - Key Considerations
 - Previously Developed Sites
 - Energy Storage
- Utility Scale - Power Purchase Agreements (PPAs)
- Distributed Solar Requests
- Q&A



2021 Solar, Onshore Wind & Energy Storage RFP

SCHEDULE – Key Dates*



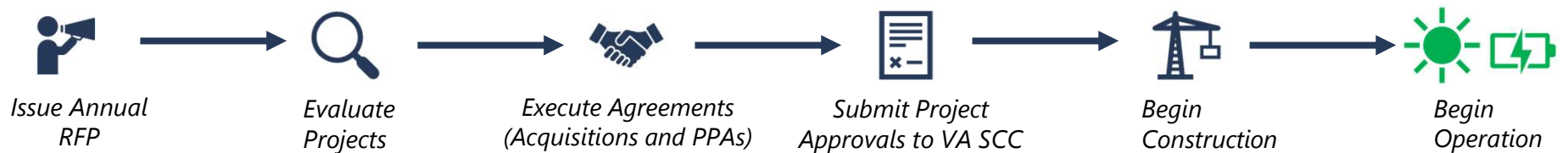
**All dates are targets and subject to change*

2021 Solar, Onshore Wind & Energy Storage RFP

SCOPE



Large-Scale Greater than 3 MW	Distributed Solar 3 MW or less
<ul style="list-style-type: none"> ▪ Solar/Onshore Wind – up to 1,000 MW <ul style="list-style-type: none"> ▪ Includes projects on previously developed sites (VCEA mandate of at least 200 MW) - NEW ▪ Energy Storage – up to 100 MW <ul style="list-style-type: none"> ▪ Stand-alone or paired with solar or onshore wind ▪ Commercial Operation Date (COD) - 2024 unless interconnection construction pushes out date <ul style="list-style-type: none"> ▪ Although not preferred, will consider proposals through May 31, 2025 	<ul style="list-style-type: none"> ▪ Up to 175 MW <ul style="list-style-type: none"> ▪ 80 MW by 2023 ▪ 95 MW by 2024 ▪ Asset acquisition and PPA ▪ Limited to 3 MW or less at the same contiguous location



2021 Solar, Onshore Wind & Energy Storage RFP

Notable Changes & Updates



- ***Notable changes since last year***
 - Exclusivity Agreement replaces affirmation statement (large-scale only)
 - Local Permitting
 - Siting Agreements with local governments (large-scale only)
 - Per recent legislation-required for ALL projects for zoning approval on or after July 1, 2021
 - Be mindful of impact to project economics when negotiating with locality
 - Material Changes to Proposal Requirements
 - Environmental Justice – Submit EPA report and specific community engagement
 - Land Control – letter of intent is not sufficient
 - Erosion & Sediment control offsets
 - Interconnect
 - Distribution Level must be filed with PJM for WMPA
 - Dominion-owned fiber required for direct transfer trip
- ***Updates since April 29, 2021 issuance (communicated by email, website, bidder SharePoint)***
 - Storage firewall supplement
 - In-service through May 2025 (not preferred) will be considered conforming
 - Solar production specifications update (PPA)
 - Proposals must be for 100% of contemplated project capacity

2021 Solar, Onshore Wind & Energy Storage RFP

Key Considerations



Successful path to down-selection

- *Adhere to the Checklist*
 - Select the appropriate checklist for your project type
 - Ancillary Documents (instructional/specifications/supplemental)
 - Provided in “DEV Provided Documents” folder on bidder SharePoint site
 - Supplements that require completion by bidder
 - ✓ Land Agreement Questionnaire
 - ✓ Local Permitting Supplemental Information
 - ✓ Previously Developed Site Questionnaire
 - ✓ PVsyst Model Specs
 - ✓ Site Constraints Information
 - ✓ Voluntary Consent Form
 - Checklist identifies SharePoint folder for uploading
 - Intuitive naming convention for uploaded SharePoint files
- *Complete Information Form Addendum*
- *Understand the CUP conditions and impact to cost*
- *Interconnection impact on project timeline*
- *Provide cost estimates with support*



2021 Solar, Onshore Wind & Energy Storage RFP

Previously Developed Project Sites Key Considerations



- VCEA mandates acquisition of at least 200 MW by 2035
 - Solar and/or onshore wind or paired with Energy Storage
 - Seven types of previously developed sites per legislation
- Specific checklist requirements



Brownfield



Mining Site



Retail/Industrial Site



Quarrying Site



Parking Lot



Landfill



Parking Lot Canopy

Land/Constructability

- | | |
|--|--|
| <ul style="list-style-type: none"> ✓ Karst Topography Evaluation ✓ Existing Stormwater Pollution Prevention Plan ✓ Erosion Control Features | <ul style="list-style-type: none"> ✓ Site preparation demolition requirements ✓ Landfill Sites – closure plan, post-closure monitoring plan, leachate and stormwater collection and treatment system |
|--|--|

Environmental

- | | |
|--|--|
| <ul style="list-style-type: none"> ✓ Phase 2 Environmental Site Assessment, if Recognized Environmental Conditions (RECs) noted during Phase or legacy contamination is present ✓ Environmental land use, deed restrictions, covenants and/or long-term management plans | <ul style="list-style-type: none"> ✓ Environmental risk transfer agreement, liabilities, insurance policies and/or claims |
|--|--|

2021 Solar, Onshore Wind & Energy Storage RFP

Energy Storage Acquisition Key Considerations



- *RFP Storage Target* | 100 MW in total, 3 MW minimum size, must be single site submissions (not aggregate sum of projects)
- *Acquisition Project Types* | Solar + Storage, Onshore Wind + Storage and Standalone Energy Storage
- *Storage Use Case and Technology Considerations*
 - 4HR duration Lithium-Ion AC-based BESS required for all development proposals
 - Alternative technologies (including DC-based) will be considered, all systems must have either a 4HR or 10HR duration
 - Populate Information Form Addendum with storage project technical information
 - Follow RFP use case assumptions
- *Storage-specific development checklist criteria updates*
 - Spacing and Firewall Supplement | Site plans that incorporate detailed spacing and setback requirements
 - Geotech Specs | Storage-specific boring requirement
- *Development* | Dominion Energy will be responsible for storage acquisition CPCNs, developer responsible for completing all required checklist items

2021 Solar, Onshore Wind & Energy Storage RFP

Power Purchase Agreements (PPAs) Key Considerations



- **Follow the checklist:** Required checklist items are very important. Ensure all required documents are included with page numbers and file locations noted in your checklist with your bid submission
- **Environmental Plan:** Make sure all required documents are submitted with bid submission
- **PPA Contract:** Verify that you are accepting DEV's form PPA or submit a fully marked up and redlined PPA that has been fully evaluated by all required stakeholders
- **RFP Timeline:** It is very important for us to maintain the filing schedule timeline. Both sides need to dedicate appropriate resources to get to mutually agreeable and executable contract
- **Communications:** To maintain the integrity of the RFP process, all communications should be directed to the dedicated email address: 2021SolarWindStorageRFP@dominionenergy.com
- **Questions and Answers:** DEV has posted Q&A and will continue to do so throughout the open RFP. Please ensure that you reference that document which may answer questions you have and/or inform your bid package
- **Updated RFP Documents:** On an as needed basis, DEV will post updated RFP documents. This will be noted in our Q&A log with a date of upload for tracking purposes

2021 Solar, Onshore Wind & Energy Storage RFP

Distributed Solar Key Considerations



- *Distributed Solar (3 MW or less) for asset acquisition and PPA*
 - 80 MW to COD by the end of 2023
 - 95 MW to COD by the end of 2024
- *Projects are limited to 3 MW or less at the same or contiguous location*
 - Contiguous location – unbroken expanse of land which may be comprised of one or many separate and/or subdivided properties
 - Two facilities on adjacent or neighboring parcels (side by side, linked from nearby) are non-conforming
- *Distributed Solar projects will need to consider interconnection timing and schedule based on queue position*
 - Assigned queue position is required at proposal submittal
 - Queue positions are assigned based on order of study, A, B, C or subordinate
 - Position A projects are studied first and subsequent projects move forward at the conclusion of the “A” position study process
 - Developers will be responsible for meeting the expected CODs based on their diligence of the study process and projected in-service date in the interconnection service agreements

2021 Solar, Onshore Wind & Energy Storage RFP

Q&A



Q&A – Austin Jones, Moderator

Emil Avram – Vice President, Business Development
Willie Barton – Business Development Manager, Distributed Solar
Dianne Corsello – Director, Business Development
Ricky Elder – Manager, Business Development
Erich Fritz – Manager, Distributed Solar
Eric McMillan – Manager, Power Generation Contracts
Molly Parker – Director, Environmental Services
Gary Payne – Manager, Business Development
Mark Walker – Manager, Renewable Energy Construction

Email:

Large-scale - 2021SolarWindStorageRFP@dominionenergy.com

Small-scale - 2021DERSolarRFP@dominionenergy.com

Website:

Large-scale - www.dominionenergy.com/2021SolarWindStorageRFP

Small-scale - <https://www.dominionenergy.com/2021DERSolarRFP>