COUNTY OF HENRICO
DEPARTMENT OF FINANCE
PURCHASING DIVISION
CONTRACT EXTRACT
NOTICE OF AWARD/RENEWAL

DATE:	August 21, 2025
CONTRACT COMMODITY/SERVICE: *(include contracting entity if cooperative)*	Solar Power Purchase Agreement Services
CONTRACT NUMBER:	2798A
COMMODITY CODE:	290.82
CONTRACT PERIOD:	August 21, 2025 through August 20, 2026
RENEWAL OPTIONS:	4 remaining one-year renewal periods through 2030
USER DEPARTMENT:	County/Schools
Contact Name:	Samantha "Sam" Hudson
Phone Number:	804-501-5763
Email Address:	Hud093@henrico.gov
HENRICO COOPERATIVE TERMS INCLUDED:	Yes
SUPPLIER: Name:	DE Solutions Solar Development, LLC
Address:	600 E. Canal Street, 14th Floor
City, State:	Richmond, VA 23219
Contact Name:	Cameron Stalker
Phone Number:	804-201-3249
Email address:	Cameron.N.Stalker@dominionenergy.com
ORACLE SUPPLIER NUMBER:	
BUSINESS CATEGORY:	Non-SWaM
PAYMENT TERMS:	Net 30
DELIVERY:	N/A
FOB:	Destination
BUYER: Name:	Jon Creger, VCA, VCO
Title:	Purchasing Manager
Phone:	804-501-5664
Email:	Cre057@henrico.gov

This contract is the result of a competitive solicitation issued by the Department of Finance, Purchasing Division. A requisition must be generated for all purchases made against this contract and the requisition must reference the contract number.

COMMONWEALTH OF VIRGINIA

County of Henrico

Contract
Contract No. 2798A

This Contract (this "Contract") entered into this 14th day of August 2025 (the "Effective Date"), by the County of Henrico, Virginia and the County School Board of Henrico County, Virginia (collectively, referred to as the "County") and DE Solutions Solar Development, LLC, a Virginia limited liability company, and its successors it assigns (the "Contractor").

WHEREAS the County has awarded the Contractor this Contract pursuant to Request for Proposals No. 25-2798-1JEC, as modified by any addenda (the "Request for Proposals"), for the purchase of solar power.

WITNESSETH that the Contractor and the County, in consideration of the mutual covenants, promises and agreements herein contained, agree as follows:

SCOPE OF CONTRACT: The Contractor shall sell solar power to the County as set forth in the Contract Documents.

(1) **COUNTY PARTIES**: The County of Henrico and the County School Board independently own real property. The County of Henrico and County School Board will negotiate and sign site-specific power purchase agreements, lease agreements, and related documents, if any, pursuant to this Contract. The County of Henrico will not have any rights or obligations on any such contract of the County School Board, and vice versa.

(2) **COMPENSATION:** The County will pay the Contractor pursuant to the applicable Solar Power Purchase Agreement with the annual pricing for New Sites determined as set forth in Section 4 below.

(3) **FOUR INITIAL SITES**: As described in the RFP, Contractor will initially complete solar installations at four sites (HCPS: Hermitage High School Advanced Career Education ("ACE") Center, New Jackson Davis Elementary School, New R.C. Longan Elementary School and Virginia Randoph Academy) (the "Four Sites"). Contractor and the County, as applicable, will enter into a Solar Power Purchase Agreement and a Site Lease Agreement for each of the Four Sites. As of the date of this Contract, Jackson Davis ES and R.C. Longan ES are under construction. The parties acknowledge and agree that (i) Contractor cannot begin its work under the applicable Solar Power Purchase Agreement and Site Lease Agreement until such construction is complete; and (ii) Contractor's work may be delayed if construction delays arise or may be impossible if there is a casualty event.

(4) **NEW SITES**: The County may request Contractor to identify and evaluate other prospective sites upon the County's request as described in the Contract Documents (each, a "New Site"). Upon the County's request, Contractor will perform a solar feasibility study and cash flow analysis for each New Site as described in the Contract Documents. If the County opts to proceed with a New Site, Contractor will offer pricing equal to or less than the pricing listed in the table below, provided the County and Contractor shall renegotiate such pricing in the event of changes to the applicability or availability of any currently effective tax credits. In its discretion, Contractor will take the conditions and characteristics of the New Site into consideration in determining whether to offer pricing less than the pricing listed below. This paragraph constitutes the "Annual Pricing Agreement."

Capacity	1% Escalated Rate	Flat Rate
<100 kW_{dc}	$0.133 /kWh	$0.145 /kWh
100-250 kW_{dc}	$0.124 /kWh	$0.135 /kWh
251-500 kW_{dc}	$0.119 /kWh	$0.130 /kWh
501-715 kW_{dc}	$0.113 /kWh	$0.123 /kWh
716-1000 kW_{dc}	$0.110 /kWh	$0.120 /kWh
>1000 kW_{dc}	$0.107 /kWh	$0.117 /kWh

Assumptions

1. IRC §48 Federal Investment Tax Credit remains available
2. Environmental attributes accrue to Henrico County; Dominion offers a 1.9¢/kWh decrease on the above escalated rates or 2.1¢/kWh decrease on the flat rates were the environmental attributes to accrue to Dominion
3. No utility interconnection upgrades assumed; for every $10,000 of interconnection upgrades incurred, Dominion proposes a rate increase as follows:
   - systems 251 – 500 kW_{dc}: 0.22¢ increase per $10K
   - systems 501 – 715 kW_{dc}: 0.11¢ increase per $10K
   - systems 716 – 1000 kW_{dc}: 0.08¢ increase per $10K
   - systems over 1000 kW_{dc}: 0.05¢ increase per $10K
4. Notwithstanding adjustments in 2 and 3 above, rates represent a ceiling assuming conservative solar production; Dominion would lower the rates for every 100 kWh production per kW_{dc} above 1,200 by 1¢/kWh
5. Above pricing for rooftop projects only; Dominion can offer bespoke pricing for canopy and ground-mount projects with a not-to-exceed rate of $0.219 for canopy and $0.189 for ground-mounts subject to the above adjustments in 2 and 3 above

(5) **CONTRACT TERM:**

a. This Contract is effective upon its full execution. This Contract will remain in force until the last Power Purchase Agreement or Site Lease Agreement issued hereunder expires or is terminated. The term of any Power Purchase Agreement issued hereunder will be a maximum of thirty (30) years for ground-mounted installations and a maximum of twenty-five (25) years for rooftop solar installations.

b. *Annual Pricing Agreement*. The initial term of Annual *Pricing* Agreement shall be for one (1) year from the date this Contract is fully executed with four (4) one- (1-) year renewal options, which the County may exercise in its sole discretion. Contractor shall provide the County with at least ninety (90) days' prior written notice in the event Contractor elects to not seek renewal. The Annual Pricing Agreement may not be extended beyond 5 years.

c. *New Sites*. At any time during the term of this Contract (including any renewals), the County may enter into additional Solar Power Purchase Agreements with terms not to exceed 30 years.

(6) **SOVEREIGN IMMUNITY:** Not withstanding any contrary language in the Contract Documents, the County neither waives nor abrogates its sovereign immunity or any other immunity to which the County is legally entitled, in part or in whole, in any manner, under any theory.

(7) **MERGER:** The Contract Documents represent the entire agreement between the parties and supersede all prior communications and negotiations. This Contract may be modified only in writing, signed by both the County and Contractor.

(8) **SEVERABILITY:** If any provision of the Contract Documents is held by a court of competent jurisdiction to be invalid or unenforceable, the remainder of the Contract Documents shall not be affected thereby and each other provision of the Contract Documents shall be valid and enforceable to the fullest extent permitted by law.

(9) **CLAIMS:** Contractor shall submit any and all claims arising under this Contract, without exception, in accordance with Va. Code §2.2-4363(C).

(10) **NEGOTIATED MODIFICATIONS.** The parties have mutually agreed to modify the General Contract Terms and Conditions of the Request for Proposals as follows:

a. Sec. II(C)(5) is reworded to read as follows: *In the event that emergency roof repairs or solar PV system repairs are necessary for building integrity or safety reasons, Successful Offeror will make commercially reasonable efforts to remove or relocate the solar PV system or repair the solar PV system, as applicable, as soon as commercially possible.*

b. Sec. II(D) is reworded to read as follows: *At the end of the Contract, if the County does not elect to retain the solar PV system for self-operation, the Successful Offeror shall, at its expense, decommission, remove and properly dispose the solar PV system from the facility(s) and make commercially reasonable efforts to restore all elements of the facility(s) affected by the installation or removal of the solar PV system to its pre-project condition excepted for normal wear and tear which would otherwise occur over the term of the Contract.*

c. A new Sec. II(KK) is added, which reads as follows: *The use of forced or indentured child labor in the performance of this contract is prohibited. After the Effective Date, the Contractor must include such prohibition in every subcontract or purchase order that exceeds $10,000, so that the prohibition will be binding upon each subcontractor or vendor.*

CONTRACT DOCUMENTS: This Contract hereby incorporates by reference the documents listed below (the "Contract Documents"), which shall control in the following descending order:

1. This Contract between the County and Contractor
2. Power Purchase Agreement, one per site, each substantially in the form of Exhibit B
3. The General Contract Terms and Conditions included in the Request for Proposals (Exhibit A)
4. Contractor's Best and Final Offer date May 1, 2025 (Exhibit C)
5. The Scope of Services in the Request for Proposal (Exhibit D)
6. The Contractor's proposal dated February 11, 2025 (Exhibit E)

Remainder of page intentionally left blank. Signature page follows.

IN WITNESS WHEREOF, the parties have caused this Contract to be duly executed intending to be bound hereby.

DE Solutions Solar Development, LLC
600 E. Canal Street, 14th Floor
Richmond, VA 23219

Signature

Nathan Frost
Authorized Representative

07/31/2025
Date

County of Henrico, Virginia
P.O. Box 90775
Henrico, VA 23273-0775

Signature

John Vithoulkas
County Manager

8/20/2025
Date

County School Board of Henrico County, Virginia
406 Dabbs House Road
Henrico, VA 23223

Signature

Dr. Amy E. Cashwell
Superintendent

8/21/2025
Date

APPROVED AS TO FORM:

Assistant County Attorney

8/20/25
Date

SOLAR POWER PURCHASE AGREEMENT

This SOLAR POWER PURCHASE AGREEMENT is entered into as of [_____] (hereinafter "Effective Date") by and among DE Henrico Solar, LLC., organized under the laws of the Commonwealth of Virginia (hereinafter "Generator"), and the County of Henrico, Virginia ("Customer"). Generator and Customer may hereinafter be referred to individually as a "Party," and collectively as the "Parties."

RECITALS

WHEREAS, Customer operates governmental facilities, and uses electricity in the conduct of its operations;

WHEREAS, Generator is in the business of designing, developing, installing, owning and maintaining solar photovoltaic (PV) electric generation systems (hereinafter "System"), and selling the electricity generated by such Systems;

WHEREAS, the County of Henrico, Virginia (the "County") issued a Request for Proposals 25-2798-1JEC dated January 17, 2025 (the "RFP") for Solar Power Purchase Agreement Services, pursuant to which it requested proposals for third parties to install, own and operate an solar photovoltaic (PV) electricity generating system at the Customer's facility located in Virginia, and to sell the electricity generated by such system to the Customer for use in such facilities;

WHEREAS, as authorized by Virginia Code § 2.2-4304, the RFP contained cooperative procurement language that authorizes other public bodies to cooperatively utilize this Agreement;

WHEREAS, Generator is in the business of designing, developing, installing, owning and maintaining solar photovoltaic (PV) electric generation systems (hereinafter, the "System"), and selling the electricity generated by such System;

WHEREAS, Generator submitted its proposal, dated February 19th, 2025 (the "Proposal"), in response to the RFP, which is incorporated by reference;

WHEREAS, the County selected Generator to provide the goods and services described in the RFP.

AGREEMENT

NOW, THEREFORE, and in consideration of mutual premises and covenants set forth in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which is acknowledged, the Parties hereby agree as follows:

ARTICLE I. DEFINITIONS AND INTERPRETATION

Section 1.1 Definitions. The following terms, when capitalized, shall have the meanings indicated in this Section 1.1 when used in this Agreement, including in any recital, schedule, exhibit or appendix hereto.

"Agreement" means this Solar Power Purchase Agreement, including all terms and conditions, exhibits, appendices and schedules that have been executed and are attached hereto.

"Business Day" means any day other than Saturday, Sunday, or a day that is observed by Customer as a holiday.

"Change in Law/Regulation" means that, after the Effective Date, an applicable law or regulation is amended, suspended, nullified, modified, found unlawful or changed in any material respect.

"Commercial Operation Date" (COD) means the date on which the parties have signed a certificate of final completion as provided in Section 6.14.

"Construction Period" means the period commencing on the date Customer provides a Notice to Proceed with Construction and ending on the Commercial Operation Date.

"Default" means any event or circumstance which, would constitute an Event of Default under Article XVI.

"Development Tasks" has the meaning established in Section 4.1.1.

"Dispute" has the meaning established under Article XXII.

"Effective Date" means the date that is first shown in the preamble to this Agreement.

"Electricity" means the net amount electrical energy generated by one or more Systems to be delivered to Customer.

"Environmental Attributes" means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the System, the production of electrical energy from the System and its displacement of conventional energy generation, including (a) any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO) and other pollutants; (b) any avoided emissions of carbon dioxide (CO2), methane (CH4), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere; (c) the reporting rights related to these avoided emissions, such as Green Tag Reporting Rights and Renewable Energy Credits. Green Tag Reporting Rights are the right of a party to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party, and include Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Environmental Attributes do not include Environmental Incentives and Tax Benefits. Without limiting the generality of the foregoing, Environmental Attributes include carbon trading credits, renewable energy credits or certificates, emissions reduction credits, emissions allowances, green tags tradable renewable credits and Green-e® products.

"Environmental Incentives" means any and all subsidies, payments, rebates, credits or other incentives that relate to the self-generation of Electricity the use of technology incorporated into the System and other similar programs available.

"Event of Default" has the meaning established in Article XVI.

"Existing Electrical System" means the Customer's existing electrical systems at the Premises, excluding any components owned by VEPCO.

"Fair Market Value" is the amount that would be paid in an arm's length, free market transaction, for cash, between an informed, willing seller and an informed willing buyer, neither of whom is under compulsion to complete the transaction, taking into account, among other things, the age, condition and performance of the System and advances in solar technology.

"Final Design" means the Initial Design, including any modifications or changes (if any) that is satisfactory to both Parties.

"Force Majeure Event" has the meaning established in Section 18.1.

"Initial Design" has the meaning established in Section 4.1.2.

"Initial Term" has the meaning established in Section 3.1.

"kWh" means kilowatt hour of Electricity.

"Lender" or "Lenders" means the commercial entities, banks, financial institutions, suppliers offering payment terms for a System or other investors providing debt or equity for a System.

"Meter" means the standard instrument(s) and equipment installed at the Site by Generator as part of the System to be used to measure and record the Output delivered to Customer.

"Metering Device" has the meaning established in Section 8.3.

"MWh" means megawatt-hour.

"Notice to Proceed with Construction" means the written notice described in Section 4.3.

"Notice to Proceed with Design" means the written notice described in Section 4.1.1.

"Output" means the Electricity produced by the System delivered by Generator to Customer.

"Person" means any individual, corporation, partnership, limited liability company, joint venture, trust, unincorporated organization, estate, governmental authority or agency.

"PPA Pilot Requirements" means the requirements imposed on either Customer or Generator, or both, set forth in (i) Chapter 382 of the 2013 Virginia Acts of Assembly that created Virginia's solar power purchase agreement pilot program (including any successor legislation), (ii) the Virginia State Corporation Commission's guidelines, as they may be updated from time to time (the guidelines were last updated on May 29, 2020 in PUE-2013-00045), and (iii) the amended and restated agreement for the provision of electric service to municipalities and counties of the Commonwealth of Virginia between VEPCO and VEPGA, as it may be amended from time to time. For any public body that obtains its electrical service from an entity other than VEPCO, "PPA Pilot Requirements" means any similar requirements applicable to that other entity.

"Premises" means Customer's property, as described in Schedule B.

"Project Schedule" means the mutually agreed schedule pursuant to which Generator will

complete the tasks required by the Agreement related to a System as described in Section 4.1.6.

"Renewal Period" has the meaning established in Schedule A.

"Site" means the area(s) on the Premises on which Generator will install the System. Once the Final Design is completed, Schedule B will be updated as necessary.

"Site Meteorological Adjustment Factor" The annual temperature-corrected performance factor between 0% and 100%, as measured at the Site, equal to the ratio of the annual sum of the hourly Output under the annual sum, excluding any hours or partial hours the host utility is offline, of the Temperature-Corrected Theoretical AC Energy generation (kWh) and derived by application of the method defined by equation (9), Section 5 - Determine Corrected Measured PR within NREL's technical report: 'Weather Corrected Performance Ratio' NREL/TP-5200-57991, dated April 2013.

"System" means the photovoltaic (PV) solar modules, DC/AC inverters, Meters, tools, wiring, facilities, materials, equipment and any other property now or hereafter installed, operated, controlled or owned by Generator for the purpose of, or useful to, the delivery of Electricity to Customer. Each System is described more particularly in Schedule A. For the avoidance of doubt, the System specifically excludes any part of the Existing Electrical System.

"Taxes" means any federal, state and local ad valorem, property, occupation, generation, sales, use, consumption, excise, regulatory fees, surcharges or other similar charges, but shall not include any income taxes or similar taxes imposed on Generator's revenues due to the sale of Electricity under this Agreement.

"Tax Benefits" means all tax credits, tax grants, tax deductions and other tax benefits available to taxpayers, including but not limited to any modifications or replacements to such tax credits, tax grants, tax deductions or tax benefits.

"Term" is the Initial Term established in Section 3.1 plus any applicable Renewal Periods.

"Termination Fee" means the fee listed in Schedule C.

"VEPCO" means Customer's incumbent electric utility provider, the Virginia Electric and Power Company, doing business as Dominion Energy Virginia.

"VEPGA" means the Virginia Energy Purchasing Governmental Association, a joint powers association that contracts with VEPCO on behalf of its government entity members, including the Customer.

"Weather Adjusted Output" means the Output multiplied by the Site Meteorological Adjustment Factor.

Section 1.2 Interpretation. In this Agreement, unless the context requires otherwise, words singular and plural in number shall be deemed to include the other and pronouns having masculine or feminine gender shall also be deemed to include the other; references to sections, regulations or statutes shall be construed to include all regulatory or statutory provisions succeeding, replacing, amending, or supplementing the section, regulation or statute; references to a Party to this Agreement include their successors and permitted assigns; references to a document or agreement, including this Agreement,

includes a reference to that document or agreement and all subsequent amendments and other modifications to such instruments.

ARTICLE II. PURCHASE AND SALE

Section 2.1 Purchase and Sale. Customer agrees to purchase from Generator, and Generator agrees to sell to Customer, all of the Electricity generated by the System(s) at the Electricity prices set forth in Schedule A and in accordance with the terms set forth in this Agreement including all appendices and schedules.

Section 2.2 Pricing and Escalation. Schedule A sets forth the price of Electricity for the first year of the applicable Term and an annual escalation rate. Upon each annual anniversary of the Commercial Operation Date of a System, the applicable Electricity price will increase by the annual escalation rate set forth in Schedule A.

ARTICLE III. TERM & RENEWAL PERIODS

Section 3.1 Term. This Agreement shall be effective as of the Effective Date and shall continue in effect for a period of thirty (30) years after the COD, unless terminated or renewed in accordance with the terms of the Agreement (the "Initial Term"). If Customer elects to renew the Agreement for a Renewal Period, the terms and conditions of this Agreement will continue to govern.

Section 3.2 Renewal Periods. Customer may elect to renew the Agreement for the Renewal Period set forth in Schedule A by providing written notice to Generator at least ninety (90) days in advance of the end of the applicable Initial Term or Renewal Period.

Section 3.3 Service Agreement. The Parties intend for this Agreement to be a "service contract" within the meaning of Section 7701(e) of the Internal Revenue Code.

ARTICLE IV. CONDITIONS TO OBLIGATIONS AND COMMENCEMENT

Section 4.1 System Conditions Precedent to Parties' Obligations. The Parties' obligations to purchase and sell electricity are conditioned upon the satisfaction of the conditions set forth below, unless waived by either Party and subject to the terms and conditions of the Agreement. The Parties shall use reasonable efforts to satisfy the following conditions.

Section 4.1.1 Development Tasks. Following receipt of a Notice to Proceed with Design (if applicable), Generator shall use commercially reasonable efforts to complete the following: (i) submit and pay for any zoning, land use and building permits or any other local approvals required to construct the System, and (ii) submit and pay for any agreements and approvals from the applicable utility and other authorities having jurisdiction necessary to interconnect the System to the utility's electric distribution system (the hereinafter "Development Tasks"). Effective at the Notice to Proceed with Design, Customer grants to Generator and to Generator's agents, employees and contractors an irrevocable non-exclusive license running with the Site for access to, on, over, under and across the Site for the purposes of performing all of Seller's obligations and enforcing all of Seller's rights set forth in this Article. Customer's execution of the Agreement will serve as its "Notice to Proceed with Design" unless stated otherwise on the signature page to this Agreement. Customer may later provide a Notice to Proceed with Design if, for example, at the time the Agreement is executed, the applicable Site is under construction or it is otherwise inconvenient for

the Development Tasks to proceed. If the Agreement calls for a separate later Notice to Proceed with Design, the parties will develop a schedule for Generator to perform the Development Tasks.

In the event that any of the permits, agreements or authorizations are required to be in the Customer's name, Customer agrees to take actions as Generator may reasonably require to apply for and obtain them, and Generator will reimburse Customer for its applicable actual costs.

Section 4.1.2 Initial Design. Upon completion of the Development Tasks, Generator shall deliver to Customer a design setting forth a general description of the System, including the site plan, system design, equipment specifications, equipment location, metering equipment, Site modifications (if necessary), and integration of the System with the building's existing fixtures and Existing Electrical System (hereinafter "Initial Design"). The Initial Design will be designed so that the System will not compromise the integrity of the landfill cap, and include a full engineering analysis approved by a licensed professional engineer.

Section 4.1.3 Modifications to the Initial Design. Customer shall have twenty (20) Business Days to review and request any modifications to the Initial Design. If Customer requests modifications to the Initial Design, Generator will modify the Initial Design to both Parties' satisfaction. Among other details, the Final Design will accurately identify the portions of the Premises that will comprise the Site, construction staging areas, routes of access for a given System. Upon Customer's written approval of any modifications, the Initial Design shall be deemed final and binding on both Parties and Schedule A and Schedule B will be updated accordingly (hereinafter "Final Design").

Section 4.1.4 Failure to Agree on the Final Design. Following good faith efforts, if the Customer and Generator are unable to agree on the Final Design within fifteen (15) Business Days after Generator provides a revision to the Initial Design that addresses Customer's comments, then either Party may terminate the Agreement by written notice to the other Party. If this Agreement is terminated, Customer shall reimburse the reasonable and necessary expenses incurred by the Generator to perform the Development Tasks.

Section 4.1.5 Due Diligence. Generator shall have had the opportunity to complete due diligence and physical inspection with respect to Customer and the Premises, including technical, legal and accounting reviews. Such due diligence shall also include visits by Generator to the Premises and other measures deemed reasonably necessary by Generator to perform its obligations contained herein. Generator must obtain Customer's prior consent before performing any due diligence that requires entry onto Customer's property.

Section 4.1.6 Project Schedule. Generator will update the sample project schedule included in its Proposal and prepare a proposed Project Schedule for Customer's review and approval (not to be unreasonably withheld).

Section 4.1.7 Prevention of Unauthorized Access. Prior to the Commercial Operation Date, Generator shall develop, implement and provide Customer with a copy of written policies, systems and practices to prevent unauthorized access to and trespass on the System and to prevent harm and damage to the System.

Section 4.2 Failure to Meet System Conditions Precedent. If Generator is unable to complete its due diligence and the Development Tasks set forth in this Article IV by the later of (a) four hundred fifty

(450) days after the date of the Agreement, or (b) one hundred and twenty (120) days of the Notice to Proceed with Design if applicable, then either Party shall have the option to terminate this Agreement upon forty-five (45) days written notice to the other Party without triggering the default provisions of this Agreement or any liability under this Agreement.

Section 4.3 Commencement of the Construction Period. Generator will notify Customer in writing when the conditions set forth in this Article IV have been satisfied and Customer will issue a notice to proceed with construction and installation promptly thereafter, unless the parties agree to delay the Construction Period ("Notice to Proceed with Construction"). The Construction Period associated with a System will commence on the date of the applicable Notice to Proceed with Construction. Generator will commence installation of the applicable System promptly thereafter and in accordance with the Project Schedule.

ARTICLE V. ACCESS RIGHTS

Section 5.1 Grant of License. Customer hereby grants to Generator, in accordance with the terms and conditions set forth herein, an irrevocable exclusive license (the "Site License") to access and use the Site during the Term for the installation, operation, maintenance, repair and, if necessary, replacement and decommissioning of the System, which System includes, without limitation, solar panels, solar canopy structures, electrical power inverters, interconnection equipment, electrical wiring, underground conduit, collection lines, wire management systems, charging stations, electric meters, metering, switch cabinets, power distribution boxes, and racking systems.

(a) In connection with Customer's grant of the license to Customer for the Site, Customer hereby grants to Generator, for a period co-terminus with this Agreement, the non-exclusive right to use portions of access drives, parking lots, and other areas of the Premises ("Facility Access"). Customer may change the Facility Access at any time with reasonable prior written notice to Generator, provided adequate access to the Site and adequate space for use of the Facility Access for the purposes set forth herein is available at all times during the Term. The Facility Access is provided for the purpose of accessing the Site for installation, operation, maintenance, repair (including replacement, if necessary) and decommissioning of the System and to locate any auxiliary equipment necessary to install, operate, maintain or repair the System on the Site and for the purposes of interconnecting the System with the Premises' mechanical and electrical systems. For avoidance of doubt, Customer acknowledges and agrees that Generator may use portions of the Facility Access to be mutually agreed upon by the Parties as a staging area during the periods that Generator is undertaking the installation and decommissioning of the System or any major repairs to the System. Generator shall not install any improvements within the Facility Access that would prevent access to or prevent use of the Premises, or prevent any holders of easements across the Premises or any governmental or public utility personnel (e.g., fire, police, public utility providers, etc.) or other similar parties from exercising their rights with respect to the Premises. Furthermore, Generator shall utilize the Facility Access in a manner as to not unreasonably interfere with the use of the Premises by Customer.

(b) Notwithstanding the foregoing, upon the expiration or earlier termination of this Agreement (unless Customer has executed its option to purchase the System in accordance with Section 17.1), Generator shall have the right to access the Site for the purpose of decommissioning and removing the System in accordance with Section 17.3, which work shall be completed within one hundred eighty (180) Business Days after the expiration or any earlier termination of this Agreement, as applicable. The provisions of this section will survive the expiration or termination of this Agreement.

(c) Customer acknowledges and agrees that, during the Term, Customer shall not use the Premises or, if there are any other occupants of the Premises, permit such occupants to use the Premises in a manner that would interfere with the installation, operation, maintenance, repair and decommissioning of the System or materially and adversely affect the System's exposure to sunlight.

Section 5.2 Access during Construction. At all times during the Construction Period, Customer shall provide Generator space on the Premises for Generator's construction and installation of the System, including staging and laydown areas. Generator shall consult with Customer in advance of the beginning of the Construction Period about the required laydown areas.

Section 5.2 Access Rights for Generator. At all times, Customer will grant to Generator the right to use the Site, and such other locations as may be reasonably required by Generator, to fulfill its obligations under this Agreement, including to develop, design, construct, install, operate, maintain, replace and repair the System.

Section 5.3 Omitted.

Section 5.4 Access by Customer to Site. The Parties acknowledge that Customer will continue have access to the Site at all times, provided Customer does not materially interfere with or obstruct the System as provided in this Agreement.

Section 5.5 Omitted.

Section 5.6 Internet Access. Customer shall make available to Generator during the Construction Period and the Initial Term (plus any Renewal Periods) internet access at the Site necessary for Generator's equipment to continuously monitor the System performance. Generator acknowledges that such internet access may experience occasional interruptions and Customer will not be responsible for any such outages. Generator shall comply with Customer's reasonable system information technology security measures, as they may be updated from time to time.

ARTICLE VI. CONSTRUCTION AND INSTALLATION OF SYSTEM

Section 6.1 Construction of System. During the Construction Period, Generator shall:

Section 6.1.1 install, construct, service, maintain and test each System consistent with requirements of this Agreement, in a good and workmanlike manner, in accordance with all applicable laws and regulations, and within the time provided by the Project Schedule; and

Section 6.1.2 obtain, the policies of insurance as set forth herein.

Section 6.2 Location of System(s). Each System shall be situated on the Site as described in Schedule B and in strict accordance with the applicable Final Design.

Section 6.3 Construction Schedule. Generator will give Customer at least fifteen (15) Business Days' notice prior to the commencement of construction, together with a proposed schedule for the Construction Period for Customer's review and approval. Generator will coordinate construction activities with Customer to minimize interference with normal operations at the Site. Generator will complete construction and place the System into service within the time provided in the Project Schedule.

Section 6.4 Customer Obligations. At all times through the Construction Period, Customer shall provide, at no cost to Generator, one or more temporary laydown areas, designated for Generator's

exclusive use for the storage of equipment, facilities and materials to be incorporated into the System, along with any construction, installation and testing equipment and materials to be used in the construction, installation and testing of the System. Schedule B will designate the approximate location of the temporary laydown areas. Generator shall consult with Customer in advance of the beginning of the Construction Period about the required use of portions of the Premises. Generator acknowledges that its use of such areas is at its own risk and that Customer will not be responsible for any damage or loss Generator sustains in connection with its use of such areas. Generator shall keep all temporary laydown areas clean and orderly and shall restore them to their original condition, except ordinary wear and tear.

Section 6.5 Construction Period Electricity. Upon notice from Generator during the Construction Period, Generator or its contractors may test the System and deliver all Output resulting from such testing during the Construction Period, and Customer shall accept delivery of all Output resulting from such testing but shall not be required to pay for such Output delivered during testing.

Section 6.6 Refuse. Generator will reduce or mitigate noise, dust, the spread of debris and construction materials during the Construction Period and while performing any maintenance and repairs after the Commercial Operation Date. Generator agrees to remove all debris, extra materials, scaffolding, tools, machinery and other construction materials and leave all portions of the Premises clean and ready for use.

Section 6.7 Damage to Site. Generator shall be responsible to repair and pay for any damage to all portions of Customer's property (including the existing landfill cap and landfill gas recovery system) that is caused by Generator's construction, installation, maintenance, operation or removal of theSystem.

Section 6.8 Hazardous Materials. In the event that Generator (or its contractors) discovers any hazardous materials (as such term is defined by applicable law) existing on the Site during the construction and installation of the System that Generator reasonably believes may require removal or remediation, or that otherwise impairs or prevents construction and installation of the System, Generator shall promptly notify Customer, and Generator shall, in its discretion, suspend construction of the System until such time as Customer has removed the hazardous substance and remediated the Site in accordance with applicable law and regulations. Generator shall have no responsibility or liability in respect of hazardous material existing at the Site (other than any hazardous materials brought to the Site by or on behalf of Generator). If Generator and Customer do not agree on a schedule and terms for resumption of construction within fifteen (15) Business Days following the discovery of such hazardous materials at the Site, then (a) each Party shall have the right to terminate the Agreement, and (b) Customer shall be obligated to reimburse Generator for all actual costs incurred by Generator through the termination date.

Section 6.9 Unanticipated Conditions. If any unusual or unanticipated conditions exist or arise at the Site, including but not limited to environmental conditions, pollution, or archeological findings, which conditions would involve the incurrence by Generator of any expenses to correct such conditions, Generator shall submit a request for approval of the corrective work and payment related to any expenses to Customer, or Customer may perform the corrective work with its own forces or contractors. The additional work resulting therefrom will be paid for by Customer. Customer may terminate the Agreement if it determines not to proceed with the cost of performing the corrective work, in which case Customer will reimburse Generator for its actual costs incurred through the termination date. Customer will not be responsible for such unusual or unanticipated conditions, which would have been anticipated by Generator when it completed due diligence pursuant to its obligations in Section 4.1.5.

Section 6.10 Safe Workplace. Generator (or its contractors) will take all reasonable and customary steps to ensure the safety of workers at the Premises in accordance with all applicable laws and regulations.

Section 6.11 Liens and Claims. Generator shall hold harmless Customer from all liens and claims filed or asserted by Generator's contractors or third parties claiming under Generator against Customer for services performed or material furnished to or by Generator by such third parties, and from all claims arising out of such liens. Generator shall, at no cost to Customer, promptly release, discharge or otherwise remove any such lien or claim by bonding, payment or otherwise and shall notify Customer of such discharge, release or removal. If Generator does not, within thirty (30) Business Days, cause any such lien or claim to be discharged, released or otherwise removed by payment or bonding or other method approved in advance by Customer, Customer shall have the right (but not the obligation) to pay all sums necessary to obtain releases and discharges (including the settlement of any lien or claim). In such event, Customer shall have the right to deduct all amounts so paid (plus reasonable attorney's fees) from amounts due Generator hereunder, alternatively, upon reasonable demand by Customer, Generator shall reimburse Customer for such amounts.

Section 6.12 Lenders. Generator shall notify Customer of the identity of any Lender or Lenders.

Section 6.13 Connection. Generator is responsible for establishing the interconnection of the System to the Existing Electrical System in accordance with the Final Design and is solely responsible for the interconnection equipment, maintenance, and repairs associated with such interconnection equipment in accordance with the terms and conditions of this Agreement; provided that Customer shall at all times own and be responsible for the operation and maintenance of the Existing Electrical System at and from the physical location where the System connects to the Existing Electrical System.

Section 6.14 Final Completion and Commercial Operation Date. Generator will notify Customer once Generator has installed and tested a System, the System is ready to deliver Output to Customer, and Generator has completed all applicable tasks required by this Agreement (such as Site cleanup, etc.). Within five (5) Business Days after receiving the notice, Customer will confirm whether all requirements of this Agreement have been satisfied with respect to a System. If all requirements have not been satisfied, Generator shall promptly correct any deficiencies. Once all requirements have been satisfied, the Parties will sign a certificate of final completion and the Commercial Operation Date will commence. If no notice is received by the Generator, Commercial Operation Date shall be the date the Generator first delivered notice of final completion to the Customer.

Section 6.15 Online Monitoring System. The Generator will provide the necessary software and hardware so that Customer and the general public may monitor the Electricity generated by the Systems. Generator will provide the necessary hosting services and access to a cloud-based system that Customer may access at any time. Generator will provide, host and operate a public-facing dashboard that may be accessed by a hyperlink Customer may place on its website.

ARTICLE VII. OWNERSHIP OF THE SYSTEM AND ATTRIBUTES

Section 7.1 System, Attributes and Incentives. Customer acknowledges and agrees that the System is the personal property of Generator, and Generator shall have and retain ownership and title to the System and all its components at all times during the Agreement's Initial Term and any Renewal Period and is entitled to all Tax Benefits. The Customer's purchase of Electricity under this Agreement does not include Environmental Attributes. Attributes of ownership and operation of the System are retained by the Generator.

ARTICLE VIII. INVOICING AND PAYMENT; METERING

Section 8.1 Invoices. The Customer will be invoiced electronically on the first (1st Business Day of each month for the total amount of Electricity delivered to the Customer's Site at the rates identified in Schedule A. Customer shall provide payment for Generator's monthly invoices by Automated Clearing House (ACH) or check within thirty (30) days of receipt of invoice.

Section 8.2 Late Payments. Late payments after thirty (30) days of an invoice shall accrue interest at a rate of one percent (1%) per month until the date payment is received by Generator.

Section 8.3 Installation and Ownership of Meter Equipment. Generator will install revenue grade metering equipment (hereinafter "Metering Device") to measure the amount of Electricity produced by each System. Generator will own and maintain any such Metering Device. Generator shall read each Metering Device at the end of each calendar month, and shall record the Output delivered to the Customer. The Metering Device shall be used as the basis for calculating the amounts to be invoiced pursuant to Section 8.1. The records from each Metering Device shall be made available to Customer upon written request. Customer may utilize such meter readings in administering its net metering or other interconnection arrangements with the applicable utility.

Section 8.4 Calibration.

Section 8.4.1 Generator shall perform calibration testing of each Metering Device prior to its installation and thereafter in accordance with the manufacturer's recommendations. Customer may request that Generator perform more frequent testing; any such testing in excess of the annual tests shall be at Customer's expense if such tests indicate that the Metering Device is accurate within plus or minus two percent (2%). Customer shall be entitled to witness such tests and shall be provided with such test results.

Section 8.4.2 If, upon testing, any Metering Device is found to be accurate or in error by not more than plus or minus two percent (2%), then the previous recordings of such Metering Device shall be considered accurate in computing deliveries of Output hereunder, but such Meter shall be promptly adjusted to record correctly.

Section 8.4.3 If, upon testing any Metering Device shall be found to be inaccurate by an amount exceeding plus or minus two percent (2%), then Generator shall promptly repair, adjust or replace the Metering Device to record accurately and any previous recordings by such Metering Device shall be corrected to zero error. If no reliable information exists as to the period over which such Metering Device registered inaccurately, it shall be assumed for purposes of correcting previously delivered invoices that such inaccuracy began at a point in time midway between the testing date and the next previous date on which such Metering Device was tested and found to be accurate, but in no event will Customer be responsible for corrections for longer than six months.

Section 8.4.4 If upon testing, any Metering Device is found to be in error by an amount exceeding plus or minus two percent (2%), then the payments for Output made since the previous test of such Metering Device shall be adjusted to reflect the corrected measurements. If the difference in the previously invoiced amounts minus the adjusted payment is a positive number, that difference will offset amounts owing by Customer to Generator in subsequent month(s) or refunded within 30 days if this Agreement expires before the difference is exhausted. If this Agreement is terminated or Customer exercises its Purchase Option (as defined in Section 17.1), any outstanding difference payable to Customer will be credited against the Termination Fee. If the difference is a negative number, the difference shall be added to the next month's invoice and paid by the Customer to the Generator on the due date of such invoice.

ARTICLE IX. TAXES

Section 9.1 Taxes on Sale of Electricity. If so required by applicable law, Generator shall remit all taxes assessed and imposed on the generation, sale or delivery of electricity generated by the System.

Section 9.2 Taxes on Purchase of System. Customer will be responsible for and pay all taxes imposed on, or arising out of, the purchase of the System by Customer during the Term and from which it is not exempt.

ARTICLE X. OPERATION, MAINTENANCE AND REPAIR

Section 10.1 Costs arising from Operation, Maintenance and Repair. Generator shall operate the System and perform all routine and emergency repairs to, and maintenance of, the System at its sole cost and expense, except for any repairs or maintenance resulting from Customer's negligence, willful misconduct or breach of the Agreement. If the System requires repairs for which Customer agrees it is responsible, Customer shall pay Generator its actual costs for diagnosing and correcting the problem at Generator's or Generator's contractors' then current standard rates.

Section 10.2 Costs arising from Third Parties. Generator shall not be responsible for any work performed by third parties engaged by Customer on any part of the System unless: (i) Generator provides advanced written authorization for such work, or (ii) Customer performed such work due to an emergency involving the System.

Section 10.3 Costs not resulting from Generator's Actions. Generator shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper operation or maintenance of the System by anyone other than Generator or Generator's contractors or subcontractors.

Section 10.4 Additional Equipment on Site. Customer may place equipment on a Site at any time and without notice to Generator so long as it does not affect a System, including but not limited to casting shadows. In the event of an emergency, Customer may place equipment, perform repairs, and take any other actions at a Site it determines necessary by providing as much notice as practicable to Generator. In such cases, Customer will endeavor to minimize effects on a System to the extent practicable.

ARTICLE XI. INTERRUPTION OF SERVICE AND OBSTRUCTIONS

Section 11.1 Interruptions. Customer understands that the System contains intermittent generation facilities and will not provide Customer with a continuous supply of Electricity. The System will operate in parallel to the host utility provider and will not affect the host's ability to provide electricity. The Parties acknowledge that Generator shall be provided with a warranty from the solar panel manufacturer as to the performance of such panels used in a particular System and such warranty shall be assigned by Generator to Customer in the event Customer exercises a Purchase Option in accordance with Section 17.1.

Section 11.2 DISCLAIMER OF WARRANTY FOR SUPPLY OF ELECTRICITY. THIS AGREEMENT PROVIDES NO WARRANTY OR GUARANTEE TO CUSTOMER WITH RESPECT TO THE CONTINOUS SUPPLY OF ELECTRICITY.

Section 11.3 Damages Resulting from Interruption of Service. Generator shall not be liable for any damages caused by or resulting from any interruption in Electricity during the Term, nor shall Generator be responsible for Customer's cost of alternative supplies of electricity during any interruption. If delivery of Electricity from the System is interrupted by reasons other than Customer's negligence, Generator will restore delivery of Output in a timely manner.

Section 11.4 Generator's Suspension of Output.

Section 11.4.1 Generator's Right to Suspend. Notwithstanding anything to the contrary herein, Generator shall be entitled to suspend operation of the System for the purpose of maintaining and repairing the System and such suspension of System operation shall not constitute a breach of this Agreement; provided, that Generator shall minimize interruption in operation to the Customer. Generator shall notify Customer within twenty-four (24) hours following Generator's discovery of any material malfunction in the operation of the System.

Section 11.4.2 No Requirement to Supply Electricity. If at any time the Generator reasonably determines that the Existing Electrical System is unsafe, Generator shall not have the obligation to supply Electricity to Customer. Generator shall have no responsibility, obligation, or requirement to inspect or approve the Existing Electrical System after the Commercial Operation Date.

Section 11.5 Cost to Restore Service Following Interruption. Any costs incurred in restoring service following the interruption of operation of the System as a result of Generator's maintenance and repairs of the System shall be borne by the Generator. Any costs incurred in restoring the operation of the System as a result of the actions of Customer or the condition of the Existing Electrical System shall be borne by the Customer.

Section 11.6 Obstructions.

Section 11.6.1 Except in the case of an emergency or performance of routine maintenance, Customer shall not install, nor permit the occurrence on the Site, any physical obstruction that materially reduces, or is reasonably likely to reduce, the production of Electricity. In the event that such obstruction is installed and no emergency exists, and such obstruction has the effect of decreasing by one tenth of one percent (.1%) or more the Output by a System for more than fourteen (14) days, Generator shall have the right to remove said obstruction at the Customer's expense. If said obstruction is unable to be removed within thirty (30) days, Customer shall reimburse Generator for lost production revenue.

Section 11.6.2 In the event of an obstruction on property not owned or controlled by Customer that materially reduces, or is reasonably likely to reduce, the production of electricity by the System, Customer shall make commercially reasonable efforts to work with the neighboring property owner to mitigate the impact of such obstruction and if such efforts are unsuccessful, Generator shall be permitted to terminate this Agreement and remove the System (at Customer's expense); provided, that in such event Customer shall not be responsible for the Termination Fee.

ARTICLE XII. SUBCONTRACTORS

Section 12.1 Subcontractors. Generator may use subcontractors to perform its obligations under this Agreement without Customer's written approval so long as (i) subcontractors meet or exceed all applicable insurance, safety, and site requirements contained herein, (ii) subcontractors will remain under the direction of the Generator, (iii) Generator remains the main point of contact for the Customer, and (iv) any subcontractor performing work at the Site provides, in advance of its on-Site work, a certificate of insurance to the Customer's Risk Management Division, in a form acceptable to the Risk Management Division.

ARTICLE XIII. STANDARD OF PERFORMANCE

Section 13.1 Standard of Performance. Generator shall perform its obligations under this Agreement in accordance with (i) all applicable laws, codes, permits, and regulations, (ii) all appropriate safety manuals and applicable security procedures, (iii) the practices, methods and acts of photovoltaic industry standards, and (iv) the provisions of the Agreement.

Section 13.2 Production Guarantee. Generator guarantees that the System will produce eighty-five percent (85%) of the year one Target Production listed in Schedule A multiplied by the Site Meteorological Adjustment Factor. For the subsequent nine years, year over year, the Target Production will be reduced by seven tenths of one percent (0.7%) of the year one Target Production. (For example, if the year one Target Production is 100.0 kWh, the year five Target Production would be 96.5 kWh.) At the end of each year of operation, if the amount of solar electricity produced is less than the guarantee, Generator will credit the Customer that System's PPA annual rate ($/kWh) multiplied by the guarantee deficit (kWh).

Guarantee provided does not apply to any lost production or any repair, replacement or correction required due to:

(i) Any unauthorized work performed on the System by the Customer;
(ii) Access to site not accessible due to Customer issue;
(iii) Host utility outage;

(iv) Any Force Majeure Event;
(v) Shading from obstructions not existing at the Effective Date; or
(vi) Equipment downtime due to a manufacturing defect outside of Generator's control.

Section 13.3 Non-Discrimination. During the performance of this Agreement, Generator agrees as follows: (i) Generator shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, natural origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Generator, (ii) Generator agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause, (iii) Generator, in all solicitations or advertisement for employees placed by or on behalf of the Generator, shall state that such is an equal opportunity employer, and (iv) notices, advertisements, and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section. The Generator shall include the provisions of the foregoing (i), (ii), (iii), and (iv) in every subcontract or purchase order of over $10,000, so that the provisions shall be binding upon each subcontractor or vendor. Additionally, Customer shall not discriminate against faith-based organizations.

Section 13.4 Drug Free Workplace. During the performance of the Agreement, the Generator agrees to: (i) provide a drug-free workplace for the Generator's employees, (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Generator's workplace and specifying the actions that shall be taken against employees for violations of such prohibition, (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Generator that the Generator maintains a drug-free workplace, and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order over $10,000, so that the provisions shall be binding upon each subcontractor or vendor. For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Generator in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Agreement.

Section 13.5 Unauthorized Aliens. Generator shall not knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

Section 13.6 Reserved.

Section 13.7 Authorized to Transact. Generator shall be authorized to transact business in Virginia as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law.

Section 13.8 Payment Clause. Generator shall take one of the two following actions within seven days after receipt of amounts paid to Generator by Customer for work performed by a subcontractor under this Agreement: (a) pay the subcontractor for the proportionate share of the total payment received from Customer attributable to the work performed by the subcontractor under the Agreement; or (b) notify Customer and subcontractor, in writing, of its intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment. Individual contractors must provide their social security numbers, and proprietorships, partnerships, and corporations must provide their federal employer identification numbers. Generator must pay interest to the subcontractor on all amounts owed by Generator that remain unpaid after seven days following receipt by Generator of payment from Customer for work performed by the subcontractor under the Agreement, except for amounts withheld after Generator notified Customer and the subcontractor in writing of its intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment. Unless otherwise provided under the terms of this Agreement, interest shall accrue at the rate of one percent per month. In each of its subcontracts, Generator shall include a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor. Generator's obligation to pay an interest charge to a subcontractor pursuant to the payment clause shall not be construed to be an obligation of Customer. An Agreement modification shall not be made for the purpose of providing reimbursement for the interest charge. A cost reimbursement claim shall not include any amount for reimbursement for the interest charge.

ARTICLE XIV. REPRESENTATIONS AND WARRANTIES OF THE PARTIES

Section 14.1 Representations of Generator. Generator represents and warrants to Customer as of the date of this Agreement as follows:

Section 14.1.1 Organization and Performance. Generator is a limited liability company duly organized, validly existing and in good standing under the laws of the Commonwealth of Virginia. But for the passage of time, Generator has no knowledge of any facts or circumstances that would materially adversely affect Generator's ability to perform its obligations hereunder.

Section 14.1.2 Due Authorization. The execution, delivery, and performance of its obligations under this Agreement by Generator have been duly authorized by all necessary corporate, company or partnership action, as applicable, to enter into this Agreement and perform its obligations hereunder.

Section 14.1.3 Accuracy of Information. The information provided in this Agreement (including the Agreement Documents) as of the Effective Date is true and accurate in all material respects.

Section 14.2 Representations of Customer. Customer represents and warrants to Generator as of the date of this Agreement as follows:

Section 14.2.1 Organization and Performance. Customer is a public body duly organized, validly existing and in good standing under the laws of the Commonwealth of Virginia and has the full legal right, power and authority to conduct its business and perform its obligations under this Agreement.

Section 14.2.2 Due Authorization. The execution, delivery, and performance of its obligations under this Agreement by Customer have been duly authorized by all necessary authorities to enter into this Agreement and perform its obligations hereunder.

Section 14.2.3 Accuracy of Information. To the best of its knowledge, the information provided in this Agreement as of the Effective Date is true and accurate in all material respects.

ARTICLE XV. COVENANTS OF THE PARTIES

Section 15.1 Status of Premises and Site. During the Term of this Agreement, Customer will not subject the Premises to a lease, security interest, lien, mortgage, deed of trust or similar encumbrance without Generator's consent, not to be unreasonably withheld. The Parties agree the System is the personal property of the Generator severable from the Site and is not and will not be a fixture. Generator's financing arrangements of the System shall not result in an encumbrance on any portion of Customer's property.

Section 15.2 Use of Premises. Customer intends to continue to use the Premises (other than the Site) for its governmental purposes throughout the Term. Customer shall give reasonable prior notice to Generator of any material modification of the Premises or change in the use of the Premises that could have an impact on the operation of the System.

Section 15.3 Net Metering and Interconnection Arrangements. Customer shall maintain such net metering or other interconnection arrangements with the applicable utility during the Initial Term and any Renewal Period as necessary for Generator to operate the System at the Site. Generator shall provide Customer with reasonable assistance in, and shall bear all reasonable expenses associated with, obtaining such permits, approvals and other authorizations as provided in Section 4 above.

Section 15.4 Notice of Malfunction; Non-Interference. Each Party shall notify the other Party promptly upon the discovery of (i) any material malfunction of or damage to the System and (ii) any occurrences at the Site that could reasonably be expected to adversely affect the System.

Section 15.5 Cooperation Regarding Approvals. The Parties shall work together cooperatively to assist one another in procuring and maintaining all necessary approvals and consents described in this Agreement or such other cooperation as is reasonably required to affect the purposes of this Agreement.

Section 15.6 Compliance with Solar Power Purchase Agreement Program. On Customer's behalf, Generator will comply with all provisions of the PPA Pilot Requirements, as applicable. Generator's performance under this Agreement will be in accordance with the requirements of the PPA Pilot Requirements, as they may be updated from time to time.

ARTICLE XVI. DEFAULT; TERMINATION; PARTIES' RIGHTS; LENDER CURE RIGHTS

Section 16.1 Events of Default. The occurrence of any of the following events shall constitute an "Event of Default" by either Party under this Agreement:

Section 16.1.1 Bankruptcy. If a Party (i) becomes insolvent or generally unable to pay its debts as they become due; (ii) applies for, consents to, or acquiesces in the appointment of a trustee, receiver, sequestrator or other custodian for it or any of its property, or makes a general assignment for the benefit of its creditors; (iii) in the absence of any such application, consent or acquiescence, permits or suffers to exist the appointment of a trustee, receiver, sequestrator or other custodian shall not be discharged within sixty (60) days; (iv) permits or suffers to exist the commencement of any bankruptcy or insolvency law, or any dissolution, winding up or liquidation proceeding in respect of it, and, if any such case or proceeding shall be consented to or acquiesced in by it or shall result in the entry of an order for relieve or shall remain for sixty (60) days without such being dismissed; or (v) takes any formal action authorizing or in furtherance of any of the foregoing.

Section 16.1.2 Failure to Meet Material Obligations. Any failure by a party to perform or comply with any other material term or covenant contained herein, provided that such failure continues for thirty (30) Business Days after notice to the breaching party demanding that such failure to perform be cured, provided however, if such failure cannot reasonably be cured within such thirty (30) day period, the breaching Party shall not be in default hereunder if breaching Party commences efforts to cure such failure within such thirty (30) day period and diligently pursues those efforts to completion.

Section 16.1.3 Customer Failure to Pay. Customer's failure to a pay an invoice following the Due Date, and such failure continues for a period of thirty (30) Business Days after Generator provides written notice of such nonpayment to Customer.

Section 16.2 Right to Terminate for Default. Upon the occurrence and during the continuation of any Event of Default hereunder, subject to Section 16 and the cure periods set forth in Sections 16.1.2 and 16.1.3, the non-defaulting party shall have the option, but not the obligation, to terminate this Agreement.

Section 16.2.1 Generator Event of Default. Without the limitation of the foregoing, if an Event of Default of Generator shall occur, then Customer shall have the right to terminate this Agreement. Following such termination, Generator shall remove the System from the Site within twenty (20) Business Days after such termination, and shall, within fifteen (15) Business Days thereafter, repair any damage Generator or the System caused to the Premises and Site and return the Premises and Site to their original condition, normal wear and tear excepted; provided, if Generator fails to make such repairs within fifteen (15) Business Days, then Customer may make such repairs and Generator will reimburse Customer for the actual costs incurred in making such repairs.

Section 16.2.2 Customer Event of Default. Without the limitation of the foregoing, if an Event of Default of Customer shall occur, Generator shall be entitled to terminate this Agreement and remove the System from the Premises. Customer to reimburse Generator of actual cost of

removal. In addition, upon such termination, Customer will pay the Termination Fee as identified in a Schedule C.

Section 16.3 Reservation of Rights. Neither termination nor the exercise of any other rights or remedies pursuant to this Article 16 shall eliminate the non-defaulting Party's right to pursue any other remedy given under this Agreement.

Section 16.4 Contractual Claims. Whether for money or other relief, any contractual claims known by the non-breaching party shall be submitted to the breaching Party in writing no later than sixty (60) days following the discovery of the claim, provided the Parties have the right to pursue legal remedies related to such claim throughout the applicable statute of limitations of any court holding jurisdiction. Written notice of intention to file a claim shall be given prior to the expiration of the sixty (60) day period.

Section 16.5 Termination Fee. If Customer terminates this Agreement before the end of the applicable term for any reason other than Generator's breach, Customer shall pay the Termination Fee listed in the Schedule C that corresponds to the year in which the termination is effective. In such event, Customer must also pay Generator's actual cost of removal of the applicable System. If this Agreement expires and Customer elects not to exercise a Purchase Option, then no Termination Fee is applicable and Generator will remove the System at its own expense.

Section 16.6 Lender's Right to Cure. At any time after the occurrence of any Event of Default set forth in this Section 16, but within the timeframes set forth therein, the Lenders shall have the right, but not the obligation, to cure such Default on behalf of Generator. If the Lenders elect to cure (i) the Lenders must comply with the provisions of this Agreement as though they are acting as Generator, (ii) the Lenders must give Customer reasonable notice of the contractors it intends to engage to perform any work, and (iii) the Lender will not use any contractor whom Customer reasonably determines is not satisfactory.

Section 16.7 Termination for Fiscal Non-Funding. Generator agrees that Customer's obligations under this Agreement are subject to Customer's receipt of adequate annual appropriations. In the event sufficient funds are not appropriated, which may lawfully be applied to the payment of Customer's obligations under this Agreement, Customer shall promptly provide written notice thereof to Generator identifying the date funding will cease. Generator may, at its sole discretion and with prompt notice to Customer (i) place the System in standby until such time as the Customer is re-appropriated funds to meet its obligations under this Agreement or (ii) terminate this Agreement. Provided Generator has not terminated the Agreement pursuant to 16.7(ii), if Customer later appropriates sufficient funding for Customer's payment obligations under this Agreement, then Customer shall provide prompt written notice thereof to Generator and each Parties' obligations to sell and purchase Electricity generated by the System pursuant to this Agreement shall be reinstated at a date determined by the Generator. Neither Customer, its elected officials, officers, agents or employees shall be obligated to compensate Generator for prior non-appropriations; however, Generator may require redress as a condition to removing the system from standby pursuant to 16.7(i).

ARTICLE XVII. PURCHASE OPTION & RELOCATION

Section 17.1 Purchase Option. Generator hereby grants to Customer the option to purchase a System ("Purchase Option") on the seventh (7th) anniversary of the Commercial Operation Date and at the end of the Initial Term. Customer must provide a notification to Generator of its intent to purchase at least

ninety (90) Business Days and not more than one hundred eighty (180) Business Days prior to the end of the applicable anniversary. The Parties will arrange the sale under customary terms and conditions for the purchase and sale of a facility of this type and size, which terms and conditions shall provide, among other things, that (i) Generator shall transfer good title to the Customer upon Generator's receipt of the purchase price, but otherwise disclaims all warranties of any kind, express or implied, concerning the System, "as is, where is, with all faults"; (ii) Generator shall assign to Customer any manufacturers' warranties that are in effect as of the purchase date, and which are assignable pursuant to their terms; and (iii) upon such transfer of title, the Agreement shall terminate automatically. Upon purchase of the System, Customer will assume complete responsibility for the operation and maintenance of the System, as well as liability for the performance of the System and for the related real estate obligations, if any, with respect to the Site, and Generator shall have no further liabilities of obligations hereunder. Generator shall cooperate with Customer in connection with any such sale, including responding to due diligence requests and seeking any necessary approvals, provided that such cooperation shall not require Generator to incur any material out-of-pocket costs unless such costs are reimbursed by Customer. If Customer exercises the Purchase Option, Customer will pay the higher of Fair Market Value or the Purchase Option Price listed in Schedule A.

Section 17.2 System Relocation and Costs of Relocation. If Customer ceases to conduct business operations at the Premises, or otherwise vacates the Premises prior to the expiration of the Initial Term, or the Renewal Periods, Customer shall have the option to provide Generator with a mutually agreeable substitute premises. In connection with such substitution, Customer shall execute an amended Agreement that shall have the same or substantially similar terms as this Agreement. Customer shall be responsible for all costs associated with relocation of the System, including all costs and expenses incurred by Generator associated with the removal of the System from the Premises and installation and testing of the System at the substitute Premises and all applicable interconnection fees and expenses at the substitute Premises.

Section 17.3 Non-Election; Removal. In the event that Customer does not exercise the Purchase Option pursuant to Section 17.1, Generator shall remove any or all of the System from the Site at Generator's expense within ninety (90) Business Days of the expiration of the Initial Term or Renewal Period, as applicable. Generator shall use reasonable commercial practices in the removal of the System and at its own expense shall return the Premises and Site to their original condition, including making any necessary repairs to the Site, normal wear and tear excepted within such ninety (90) Business Day period.

ARTICLE XVIII. FORCE MAJEURE; CHANGE IN LAW/REGULATION

Section 18.1 "Force Majeure Event" means any circumstance not within the reasonable control, directly or indirectly, of the Party affected, but only if and to the extent that (i) such circumstance, despite the exercise of due diligence, cannot be prevented, avoided or removed by such Party, (ii) such event is not due to such Party's negligence or intentional misconduct, or the negligence or intentional misconduct of such Party's representatives or contractors, (iii) such event is not the result of any failure of such Party to perform any of its obligations under this Agreement, (iv) such Party has taken all reasonable precautions, due care, and reasonable alternative measures to avoid the effect of such event and to mitigate the consequences thereof, and (v) such Party has given the other Party prompt notice describing such event, the effect thereof and the actions being taken to comply with this Agreement. Subject to the foregoing conditions, Force Majeure Events may include: strikes or other labor disputes, supply shortages, adverse weather conditions and other acts of nature, subsurface conditions, riot or civil unrest, actions or failures to

act of any governmental authority or agency, but shall not include any inability to make payments that are due hereunder, to make emergency repairs to a System, or to procure or maintain insurance required hereunder.

Section 18.1.1 Except with respect to the obligation to pay money in a timely manner for liabilities already incurred or accrued, to make emergency repairs to a System, or to procure or maintain insurance, each party shall be excused from performance hereunder and shall not be considered to be in default or be liable in damages or otherwise with respect to any obligation hereunder, if and to the extent that such party's failure of, or delay in, performance is due to the occurrence of a Force Majeure Event.

Section 18.1.2 The party affected by a Force Majeure Event shall promptly notify the other party in writing of the occurrence of such event. The non-performing party shall use reasonable commercial efforts to continue to perform its obligations hereunder and to overcome the effects of Force Majeure Event. The suspension of performance shall be of no greater scope and of no longer duration than is reasonably required by the Force Majeure Event.

Section 18.1.3 If a Force Majeure Event prevents a party from performing its obligations of this Agreement for more than twenty (20) Business Days, the parties shall meet to negotiate an amendment to the Agreement. If the parties are unable to agree, then the party not claiming Force Majeure shall have the right to terminate the Agreement, no Termination Fee will apply, and Generator will remove the System and restore the Premises as required herein.

Section 18.2 Change in Law/Regulation. In the event there is a Change in Law/Regulation (other than those taxes handled in Section 9.1 (Taxes on Sale of Electricity)) that (i) requires modifications to the System in excess of five thousand dollars ($5,000), or (ii) materially impacts the cost of operating and maintaining the System, then Generator shall have the right to engage in negotiations in good faith for a period of thirty (30) days with Customer in an attempt to amend this Agreement to address the Change in Law/Regulation. If the Parties are unable to negotiate a mutually acceptable amendment to this Agreement within such thirty (30) day negotiation period, then Customer shall have the option to purchase the System in accordance with Section 17.1, and upon such purchase this Agreement shall terminate. If Customer does not exercise its purchase option within thirty (30) days after the expiration of the negotiation period, Generator shall have the right to terminate this Agreement and Customer shall pay the termination fee, for the applicable contract year, identified in Schedule C - Termination Fee. Generator shall remove the System, at Generator's expense, from the Premises within one hundred eighty (180) days thereafter.

ARTICLE XIX. LIABILITY; INDEMNIFICATION; WARRANTY DISCLAIMER

Section 19.1 Liability and Responsibility.

Section 19.1.1 Customer. Customer shall have the responsibility to pay Generator for the actual and reasonable costs and expenses associated with any repairs, damage to, or loss of the System, resulting from the acts or omissions of Customer or any of its employees, agents, or contractors.

Section 19.1.2 Generator. Generator shall have the responsibility to pay Customer for the reasonable costs and expenses associated to any repairs to, direct or indirect harm to, or loss of the Premises or any personal property or fixtures on the Premises, to the extent resulting from the action

or inaction of Generator or any of its contractors, agents, employees, subsidiaries, affiliates or assignees or the negligence or intentional misconduct of Generator or any of its contractors, second-tier contractors (or anyone working through or under such second-tier contractors), agents, employees, partners, owners, subsidiaries or affiliates.

Section 19.2 Indemnification. Generator agrees to indemnify, defend and hold harmless the Customer, the Customer's officers, agents and employees, from any claims, damages, suits, actions, liabilities and costs of any kind or nature, including attorneys' fees, arising from or caused by the provision of any services, the failure to provide any services or the use of any services or materials furnished (or made available) by the Generator, provided that such liability is not attributable to the customer's sole negligence.

Section 19.3 DISCLAIMER OF WARRANTIES. EXCEPT FOR THE EXPRESS WARRANTIES PROVIDED IN THIS AGREEMENT, NEITHER PARTY MAKES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE PERFORMANCE OF ITS OBLIGATIONS HEREUNDER (INCLUDING ANY SERVICES, GOODS, MATERIALS OR OTHER ITEMS SUPPLIED HEREUNDER), INCLUDING WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR ANY PURPOSE. The remedies set forth in this Agreement shall be Customer's sole and exclusive remedies for any claim or liability arising out of or in connection with this Agreement, whether arising in contract, tort (including negligence), strict liability or otherwise.

Section 19.4 Defense of Claims. Customer shall give Generator prompt written notice of any asserted actions or claims indemnified against hereunder and the Parties shall cooperate in good faith with each other in the defense of any such claims or actions. Without prior written consent of Generator, Customer shall not take any action relating to such claims or actions within the indemnification obligations hereof. Consent of Generator shall not be unreasonably withheld. Without prior written consent of the Customer, Generator shall not settle any such claims or actions unless the settlement includes a full and unconditional release of claims against Customer.

Section 19.5 Remedies and Damages; Consequential Damages. Except to the extent that amounts payable pursuant to the indemnification or liquidated damages provisions of this Agreement might be construed as such, notwithstanding any other provisions of this Agreement, in no event shall any Party be liable to any other Party for incidental, indirect, special, punitive, consequential damages, whether caused by negligence, tort, strict liability, statute, contract, or warranty, including damages in nature of loss of revenue, loss of profits, or inability to perform contracts with third parties (other than for any damages incurred under such contracts), other than for damages resulting from the claims of persons not a party to this Agreement.

ARTICLE XX. ASSIGNMENT

Section 20.1 Assignment by Generator.

Section 20.1.1 Generator may, with the consent of the Customer (which consent shall not be unreasonably withheld), assign its interest in this Agreement as along as the assignee shall expressly assume Generator's obligations under this Agreement and agree to be bound by the terms and conditions hereof.

Section 20.1.2 Generator may, without the consent of the Customer: (i) mortgage, pledge or otherwise collaterally assign its interests in this Agreement to an entity for the purposes of

financing (including debt or equity financing) and (ii) assign this Agreement to any successor of Generator. Generator or any assignee shall provide written notice to Customer within fifteen (15) Business Days of an assignment to another party. Generator may be released from its obligations of the assigned agreement, as along as the assignee expressly assumes and agrees to be bound by the terms and conditions of the assigned agreement.

Section 20.1.3 Generator will continue to remain responsible for performing all tasks under this Agreement regardless of whether the Agreement is assigned pursuant to Sections 20.1.1 or 20.1.2.

Section 20.2 Assignment by Customer. Customer may, upon prior approval from the Generator, assign its interests in this Agreement to an entity with equal or greater credit rating that purchases or otherwise acquires the property where the Site is located.

Section 20.3 Binding on Successors. This Agreement shall be binding on and inure to the benefit of the successors and permitted assignees.

ARTICLE XXI. INSURANCE

Section 21.1 Generator's Insurance. Generator shall maintain (and will cause its independent contractors to maintain) with the appropriate company or companies licensed to do business in the Commonwealth of Virginia, including self-insurance provided by Dominion Energy Inc. or its affiliate, the following insurance coverages:

Workers' Compensation

Statutory Virginia Limits

Employers' Liability Insurance

$100,000 for each Accident by employee

$100,000 for each Disease by employee

$500,000 policy limit by Disease

Commercial General Liability

$1,000,000 each occurrence including contractual liability for specified agreement

$2,000,000 General Aggregate (other than Products/Completed Operations)

$2,000,000 General Liability-Products/Completed Operations

$1,000,000 Personal and Advertising injury

$100,000 Fire Damage Legal Liability

Business Automobile Liability - including owned, non-owned and hired car coverage

Combined Single Limit - $1,000,000 each accident

Umbrella Liability

$2,000,000 Per Occurrence and in the aggregate

Professional Liability

$2,000,000 Per Occurrence in the form of contractor's design errors and omissions coverage.

The Certificate shall show that the policy has been endorsed to add the Customer named as an additional insured for the Commercial General Liability coverage. The certificate must not show in the description of operations section that it is issued specific to any bid, job, or contract. The coverage shall be provided by a carriers(s) rated not less than "A-" with a financial rating of at least VII by A.M. Best or a rating acceptable to the County. In addition, the Customer shall be notified at least thirty (30) days prior notice of any cancellation or material reduction in coverage. Notwithstanding anything herein to the contrary, if the Generator is a special purpose entity that holds System assets but that engages a third party to provide System operations and maintenance, Generator's obligation to maintain Workers' Compensation insurance applies only to the extent that it is required by statute in the Commonwealth of Virginia, and Generator's obligation to maintain Business Automobile Liability insurance applies only to the extent that Generator has automobiles.

Section 21.2 Expiration of Coverage. Generator shall maintain the required coverage throughout a System's Initial Term and any Renewal Terms. Customer shall not be obligated by this Agreement to maintain insurance.

Section 21.3 Evidence of Insurance. Generator will maintain, and provide Customer with, insurance certificate(s) or self-insurance letter(s) evidencing the required insurance coverage. Such documentation shall contain provisions that (a) coverages afforded under the policies will not be canceled or allowed to expire until at least thirty (30) days prior written notice has been given to Customer, and (b) the insurer shall waive all rights of subrogation against Customer. Generator's subcontractors performing on-Site work shall be subject to these same insurance requirements.

ARTICLE XXII. DISPUTE RESOLUTION

Section 22.1 Good Faith. The Parties hereto agree to attempt to resolve all disputes arising hereunder promptly, equitably and in a good faith manner. If a dispute remains unresolved within fifteen (15) Business Days, each Party shall provide written notice to the other Party stating the dispute and desired resolution.

Section 22.2 Litigation. In the event that any dispute between the Parties is not resolved pursuant to Section 22.1 within twenty-five (25) Business Days after delivery of written notice described above in Section 22.1, then either Party may commence a proceeding with respect to such dispute in accordance with Sections 24.4 and 24.5.

ARTICLE XXIII. COOPERATIVE CONTRACTING

Section 23.1 Cooperative Contracting. Pursuant to § 2.2-4304 of the Virginia Public Procurement Act, any other public agency or body in the Commonwealth of Virginia may cooperatively utilize this Agreement. County of Henrico RFP No. 25-2798-1JEC for Solar Power Purchase Agreement Services issued on January 17th, 2025, contained the following language in Section V. GENERAL CONTRACT TERMS AND CONDITIONS, subsection JJ. COOPERATIVE PROCUREMENT:

JJ. Cooperative Procurement

This procurement is being conducted by the County in accordance with the provisions of Section 2.2-4304 of the Code of Virginia. Except for contracts for architectural and engineering services, if agreed to by the contractor, other public bodies may utilize this Contract. The Contractor shall deal directly with any public body it authorizes to use the Contract. The County, its officials, and its employees are not responsible for placement of orders, invoicing, payments, contractual disputes, or any other transactions between the Contractor and any other public body, and in no event shall the County, its officials, or its employees be responsible for any costs, damages or injury resulting to any party from another public body's cooperative use of a County contract. The County assumes no responsibility for any notification of the availability of the Contract for use by other public bodies, but the Contractor may conduct such notification.

ARTICLE XXIV. MISCELLANEOUS

Section 24.1 Modifications. This Agreement may be modified only by a writing signed by both parties.

Section 24.2 Further Assurances. The Parties shall execute and deliver all documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Agreement.

Section 24.3 Notices. Except as otherwise specified in this Agreement, any notice required or authorized by this Agreement to be given to a Party shall be given in writing and may be delivered by overnight mail, overnight courier, or hand delivered to the address set forth below or to such other address as such Party may designate for itself by prior notice given in accordance with this section. A notice shall be effective on the Business Day when received if received during normal business hours of the receiving Party; otherwise, the notice shall be deemed to have been received on the Business Day following delivery. The parties may provide copies of notices by E-mail.

If to Generator:	*If to Customer:*
Attn: Manager, Business Dominion Energy Solutions I, Inc. 600 E. Canal Street Richmond, VA 23219 *with copies to:* Attn: Senior Counsel, Commercial Transactions Dominion Energy Services, Inc. 120 Tredegar Street Richmond, VA 23219	Attn: Energy Manager Henrico County General Services P. O. Box 90775 Henrico, VA 23273-0775 *with copies to:* Attn: Real Property Attorney Henrico County Attorney's Office P.O. Box 90775 Henrico, VA 23273-0775 Attn: Real Property Director Henrico County Public Works P. O. Box 90775 Henrico, VA 23273-0775

Section 24.4 Governing Law. This Agreement shall be governed by, and construed in accordance with, the law of the Commonwealth of Virginia.

Section 24.5 Jurisdiction and Venue. The Parties hereby submit to the personal jurisdiction of, and any litigation relating to this Agreement, shall be brought in the state courts for the County of Henrico, Virginia.

Section 24.6 Severability. If any term or provision of this Agreement or the application thereof to any Person or circumstance is held in a final, non-appealable judgement to be illegal, invalid or unenforceable under any present or future law, (i) such term or provision shall be fully severable, (ii) this Agreement shall be construed and enforced as if such illegal, invalid or unenforceable provision had never comprised a part hereof, and (iii) the remaining provisions of this Agreement shall remain in full force and effect and shall not be affected by the illegal, invalid or unenforceable provisions or by its severance herefrom.

Section 24.7 Counterpart Execution. The Parties may execute this Agreement in counterparts, which shall, in the aggregate, when signed by both Parties constitute one and the same instrument; and, thereafter, each counterpart shall be deemed an original instrument as against any Party who has signed it.

Section 24.8 Headings. The headings contained in this Agreement are solely for the convenience of the Parties and should not be used or relied upon in any manner in the construction or interpretation of this Agreement.

Section 24.9 No Waiver. No waiver of any of the terms and conditions of this Agreement shall be effective unless in writing and signed by the Party against whom such waiver is sought to be enforced. Any waiver of the terms hereof shall be effective only in the specific instance and for the specific purpose given. The failure of a Party to insist, in any instance, on the strict performance of any of the terms and conditions hereof shall not be construed as a waiver of such Party's right in the future to insist on such strict performance.

Section 24.10 Neutral Interpretation. The Parties acknowledge that this is a negotiated Agreement and, in the event of any dispute over its meaning or application, this Agreement shall be interpreted fairly and reasonably and neither more strongly for, nor more strongly against, either Party.

Section 24.11 Survival. The obligations Section 19.2 (Indemnification), Section 19.5 (Consequential Damages), Section 24.4 (Governing Law), Section 24.5 (Jurisdiction and Venue) and any other provisions of this Agreement, which by their nature and context, are intended to survive termination of this Agreement, shall survive the expiration or termination of this Agreement.

Section 24.12 Entire Agreement. Except as otherwise provided herein, this Agreement, including all attachments hereto (all of which are incorporated by reference herein), constitutes the entire understanding between the Parties and supersedes any and all previous understandings, provisions or contemporaneous agreements between the Parties with respect to the subject matter hereof.

Section 24.13 Record and Rights to Audit. Generator shall retain, during the performance of the Agreement and for a period of five (5) years from the end of the Term, all records pertaining to the Generator's performance under this Agreement. Such records shall include but not be limited to all paid vouchers including those for out-of-pocket expenses; other reimbursement supported by invoices, including Generator's copies of periodic estimates for partial payment; ledgers, cancelled checks; deposit slips; bank statements; journals; Agreement amendments and change orders; insurance documents; payroll documents; timesheets; memoranda; and correspondence. Such records shall be available to Customer upon reasonable advance notice during Customer's normal working hours.

Section 25.14 Photography. Generator may create videos or photography or other visual recording including time lapse (collectively, "Photography") of any portion of the System during or after construction, to include use of aerial drones, for promotional or other purposes and that such Photography may be combined with other images, text and graphics and cropped, altered or modified, provided that (a) notice shall be provided to Customer as provided in the notice provision of this Agreement at least three (3) Business Days prior to flying any aerial drone, and (b) Photography shall not be published or otherwise made publicly available without Customer's prior written approval. Upon receipt of notice provided under (a), if Customer disapproves the proposed arrangements within the 72-hour window, Customer agrees to consult with Generator on alternative, mutually agreeable arrangements for the Photography. If Customer does not disapprove, Customer hereby grants its approval for Generator's photographer and/or drone operator to access and stand upon the Premises to carry out the activities designated herein, and further grants permission for any such drone to fly above, across, and land upon the Property for the purposes designated herein, subject to all laws governing the use of drones. Generator shall be solely responsible for repairing, at its sole expense, any damage it causes to the System or Customer's property while acting as permitted in this Section 25.14. Customer irrevocably waives any claim or rights of any kind to or in the Photography except as specifically established herein; the Photography shall belong to Generator. For avoidance of doubt, any assignment pursuant to this Agreement shall not affect rights set forth in this Section, which rights shall survive assignment or termination of this Agreement.

[Signatures Appear on the Following Page.]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed on their behalf as of the Effective Date.

Customer:

County of Henrico, Virginia

Signature:_____

Name: _____

Title: _____

Generator:

DE Henrico Solar, LLC

Signature:_____

Name: _____

Title: _____

SCHEDULE A - SYSTEM DESCRIPTION & COMMERCIAL TERMS

System Description:

Initial Term:

Renewal Periods:

Electricity Price (First Year):

Annual Escalation Rate:

Payment Terms:

Year 1 Target Production:

SCHEDULE B - DESCRIPTION OF SITE AND PREMISES

SCHEDULE C -TERMINATION FEE

COMMONWEALTH OF VIRGINIA

County of Henrico

DEPARTMENT OF FINANCE
Oscar Knott, CPP, CPPO, NIGP-CPP, VCO
Purchasing Director

RFP No. 25-2798-1JEC

January 17, 2025
Request for Proposal ("RFP")
Solar Power Purchase Agreement Services

Your firm is invited to submit a proposal to provide solar power purchase agreement services for the County of Henrico, Virginia in accordance with the enclosed Specifications and General Terms and Conditions. Pursuant to Section 2.2-4304 of the Code of Virginia, this procurement is a cooperative procurement being conducted on behalf of Henrico County and other public bodies.

Your firm's proposal submittal, **consisting of one (1) complete electronic copy and one (1) redacted electronic copy (if applicable) in a "pdf" format**, will be received no later than **February 19, 2025** at **2:00 PM** by submission through the Commonwealth of Virginia's electronic procurement platform eVA.

Time is of the essence, and any offeror that attempts to submit a proposal after the appointed hour for submission, will be unable to, because eVA automatically closes the solicitation at the appointed time. The time of receipt shall be determined by the time clock in eVA. Offerors are responsible for ensuring that their proposals are submitted in eVA by the deadline indicated.

Nothing herein is intended to exclude any responsible offeror or in any way restrain or restrict competition. On the contrary, all responsible offerors are encouraged to submit proposals. The County of Henrico reserves the right to accept or reject any or all proposals submitted.

Pursuant to Henrico County Code Section 16-43, the award will be made by the Board of Supervisors of Henrico County, Virginia for government facilities, and the award will be made by the County School Board of Henrico County, Virginia for school facilities.

This RFP and any addenda are available on the County of Henrico website at: **http://henrico.gov/finance/divisions/purchasing**, and on eVA at **https://eva.virginia.gov/**.

Should you have any questions concerning this RFP, please contact Jon Creger at Cre057@henrico.gov by no later than **February 11, 2025**.

Very truly yours,

Jon Creger, VCA, VCO
Procurement Analyst II

I. INTRODUCTION

A. Purpose

The County of Henrico (the "County") Department of General Services ("DGS") is seeking proposals from qualified and experienced offerors to establish a contract for Solar Power Purchase Agreement ("PPA") services for utilization by County General Government and Henrico County Public Schools ("HCPS") operations in accordance with the Scope of Services identified in Section II of this RFP.

B. Background

The County is a member of the Virginia Energy Purchasing Governmental Association (VEPGA). VEPGA's current contract ("VEPGA Agreement") with Virginia Electric and Power Company ("Dominion") authorizes VEPGA members to participate in the third-party purchase agreement pilot program established by the State Corporation Commission (SCC) and governed by the SCC's guidelines ("Pilot Program"). It is the County's intent to participate in the Pilot Program and enter into one or more PPAs.

Five (5) locations have been initially identified as potential facilities that are intended to receive rooftop solar photovoltaic (PV) systems through a PPA:

1. Virginia Randolph Academy, 2206 Mountain Road, Glen Allen, VA 23060 (rooftop system; new facility with anticipated completion in Spring 2025);
2. Hermitage High School Advanced Career Education (ACE) Center, 8350 Hermitage High Blvd, Henrico, VA 23228 (rooftop system; new facility completed in Fall 2024);
3. Jackson Davis Elementary School, 8801 Nesslewood Drive, Henrico, VA 23229 (rooftop system; full facility rebuild with anticipated Fall 2026 completion);
4. R.C. Longan Elementary School, 9200 Mapleview Avenue, Henrico, VA 23294 (rooftop system; full facility rebuild with anticipated Fall 2026 completion);
5. Western Government Center Parking Deck, 4301 East Parham Road, Henrico, VA 23228 (rooftop system; existing facility).

Available information about the above listed potential facilities is included in Attachment H. Additional information, including available drawings for these sites is available upon request. All drawings provided are for reference only and are not guaranteed to be accurate as-built conditions. Electricity rate schedule information is available at http://vepga.org/contract-materials/. Additionally, County data provided may require field verification by potential offerors.

In addition to the potential facilities listed above, the County has identified the need to establish an annual service agreement that includes the identification and evaluation of additional current and future facilities within the Henrico County Government and HCPS portfolio to receive solar PV systems through a PPA and enter into additional PPAs.

After reviewing offerors' proposals, the County will determine whether to proceed with the identified facilities.

II. SCOPE OF SERVICES

The Successful Offeror shall provide all supervision, labor, materials, and equipment necessary to provide comprehensive design, installation, commissioning, operation, maintenance, repair and replacement, and decommissioning of a solar PV system via a solar PPA and a lease (or other appropriate interest to permit access to the solar PV system, such as a license) (generally, a "Lease Agreement") in accordance with applicable local, state, and federal codes, the VEPGA Agreement, and Dominion's and the SCC's regulations and requirements. As used in this RFP, the term "the Contract" refers to the Master PPA, System Agreement, Lease Agreement and other collateral contract documents together. The County anticipates that the Contract will have a term of up to thirty (30) years for ground solar installations and up to twenty-five (25) years for rooftop solar installations. The Successful Offeror shall own the solar PV system for the term of the Contract. For each prospective facility the County determines to proceed with a solar PV installation, the Successful Offeror shall perform the following:

A. Solar PV System Design Requirements.
   The Successful Offeror shall:
   1. Provide a complete solar PV system design for each site that complies with national and local electrical codes and approved by a Professional Engineer;
   2. Design solar PV systems for rooftop installations;
   3. Design the solar PV system that includes a full structural load analysis approved by a Professional Engineer, detailing any structural modifications for each facility necessary to accommodate the proposed solar PV systems;
   4. Completely inspect the facilities and submit, in writing to the County, an itemized list of repairs (that will not compromise the roof warranty) to each roof or roof covering which the Successful Offeror deems necessary to accommodate installation of a solar PV system and prolong the life of the roof for at least the 25-year duration of the Contract;
   5. Coordinate and obtain all required interconnection agreements with Dominion;
   6. Coordinate with the obligors under any existing roof warranty or warranties such that the warranty or warranties will remain in effect;
   7. Provide complete specifications, calculations and drawings for County approval; and
   8. Obtain County approval of the final design package.

B. Solar PV System Installation Requirements.
   The Successful Offeror shall:
   1. Provide all materials, equipment, wiring, ancillary items, etc. necessary for 100% complete installation and commissioning of a solar PV system;
   2. Install solar PV inverter equipment and its related components and environmental control systems in a location to allow for ease of maintenance and monitoring, efficient operation, low operating losses, and compatibility with existing facilities;
   3. Manage the interconnection and startup of the project in coordination with the County and Dominion;
   4. Pay for any interconnection, processing, and other fees and expenses as may be required by Dominion for interconnection and operation of the solar PV system;
   5. Schedule and coordinate power interruptions and obtain County approval prior to commencing power interruptions;

6. Limit roof penetrations to reduce risk of leaks and damage to existing roof finishes, and coordinate with the roof manufacturer to maintain the roof warranty when penetrations are necessary;
7. Minimize exposed fasteners, sharp edges, or system placement which may be conducive to damage to the modules or support structure;
8. Avoid use of ferrous metals, wood, or plastic components; and
9. Use corrosion resistant, including galvanic corrosion, and durable materials.

C. Solar PV System Operation and Maintenance Requirements.
The Successful Offeror shall:
1. Maintain the solar PV system to ensure continuous delivery of the minimum kilowatts of solar-generated electric power for the duration of the Contract, including cleaning, performing upgrades and making necessary repairs due to weather, moisture damage, or any other cause for which the County is not solely responsible;
2. Provide an acceptable method of metering all electric power production from the solar PV system (at least at an hourly interval) and making the data available for monitoring by Henrico County as well as by the general public on a vendor-provided website for educational and outreach purposes;
3. In the event of roof repairs or replacement services by the County, relocate the solar PV system to allow for the repairs or replacement of the roof, and upon completion of the repairs or replacement, reinstall the solar PV system to an operable condition;
4. At its sole expense, make all roof repairs (or replacement) caused by the negligence, gross negligence, recklessness or willful misconduct of the Successful Offeror, including relocating the solar PV system to allow the Successful Offeror to make all necessary roof repairs (or replacement), and reinstalling the solar PV system to an operable condition; and
5. In the event that emergency roof repairs or solar PV system repairs are necessary for building integrity or safety reasons, remove or relocate the solar PV system or repair the solar PV system, as applicable, as soon as possible, but in any event within 48 hours of notice.

D. Solar PV System Decommissioning Requirements.
At the end of the Contract, if the County does not elect to retain the solar PV system for self-operation, the Successful Offeror shall, at its expense, decommission, remove and properly dispose the solar PV system from the facility(s) and restore all elements of the facility(s) affected by the installation or removal of the solar PV system to its pre-project condition.

E. Other General Requirements.
The Successful Offeror shall:
1. Obtain and pay for all federal, state, and local governmental permits and zoning approvals required for installation and subsequent operation of the solar PV system;
2. Obtain and pay for all Dominion permits and approvals;
3. Comply with all aspects of the Pilot Program and applicable provisions of the VEPGA Agreement;
4. Assist with communications and public relation services to foster public awareness and education about the solar PV system project;
5. Not sell solar-generated electric power from County facilities to other parties; and

6. Coordinate with HCPS third-party commissioning agent as required for Leadership in Energy and Environmental Design ("LEED") requirements on the school facilities included in Section 1(B) and coordinate with Henrico County Government and HCPS on any other future facilities that are selected to receive solar PV systems through a PPA when the construction of the facility includes pursuing LEED certification.

F. Annual Service Agreement Requirements.
The Successful Offeror shall:
1. Assist the County in identifying additional facilities for solar feasibility study to determine if the installation of a solar PV system is feasible;
2. At the County's request, complete a solar feasibility study, and provide a report, including pricing through the PPA Cash Flow Chart (Attachment H) to the County, of additional facilities to determine if the installation of a solar PV system is feasible; and
3. At the County's request, complete the requirements listed in Section II, Items A through E for the selected additional facilities to receive installation of solar PV systems through a PPA.

III. COUNTY RESPONSIBILITIES

The County will designate an individual to act as the County's representative with respect to the work to be performed under this contract. Such individual shall have the authority to transmit instructions, receive information, and interpret and define the County's policies and decisions with respect to the contract.

IV. ANTICIPATED PROCUREMENT SCHEDULE

The following represents the timeline of the process currently anticipated by the County:

Request for Proposal Distributed	January 17, 2025
Questions Due	February 11, 2025
Receive Written Proposals	February 19, 2025 at 2:00 p.m.
Conduct Oral Interviews with Offerors	February/March 2025
Negotiations Completed	March 2025
Award Contract	April 2025
Services Begin	April/May 2025

V. GENERAL CONTRACT TERMS AND CONDITIONS

A. Annual Appropriations
The contract resulting from this procurement ("Contract") shall be subject to annual appropriations by the Henrico County Board of Supervisors. Should the Board fail to appropriate funds for this Contract, the Contract shall be terminated when existing funds are exhausted. The Successful Offeror ("Successful Offeror" or "Contractor") shall not be entitled to seek redress from the County or its elected officials, officers, agents, employees, or volunteers should the Board of Supervisors fail to make annual appropriations for the Contract.

B. Award of the Contract
1. The County reserves the right to reject any or all proposals and to waive any informalities.

2. The Successful Offeror must, within fifteen (15) calendar days after Contract documents are presented for signature, execute and deliver to the Purchasing office the Contract documents and any other forms or bonds required by the RFP.
3. Reserved.
4. Notice of award or intent to award may also appear on the Purchasing Office website: http://henrico.gov/finance/divisions/purchasing/.

C. Collusion

By submitting a proposal in response to this Request for Proposal, each Offeror represents that in the preparation and submission of this proposal, the Offeror did not, either directly or indirectly, enter into any combination or arrangement with any person, Offeror or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. § 1 et seq.) or Section 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

D. Compensation

1. The Successful Offeror must submit a complete itemized invoice for services that are performed under the Contract. The Successful Offeror must include a unique identifying invoice number on each invoice. The County shall pay the Successful Offeror for satisfactory compliance with the Contract within forty-five (45) days after receipt of a proper invoice.
2. The County encourages the Successful Offeror to receive payments via ACH. The County utilizes a third-party payment network powered by Bank of America called Paymode-X. This network allows the County to make ACH payments to vendors without retaining any financial information of that business. If interested, the Successful Offeror should visit https://www.paymode.com/henricocounty to register or for more information. The Successful Offeror should register each payment address where ACH payments will be received. Once registered with Paymode-X, the verification process takes up to two weeks before ACH payments begin. All payments until then are issued via check.

E. Controlling Law and Venue

The Contract will be made, entered into, and shall be performed in the County and shall be governed by the applicable laws of the Commonwealth of Virginia without regard to its conflicts of law principles. Any dispute arising out of the Contract, its interpretations, or its performance shall be litigated only in the Henrico County General District Court or the Circuit Court of the County of Henrico, Virginia.

F. Termination by County

1. The County may terminate the Contract for cause or for convenience.
2. Termination for Cause
   a. If the Successful Offeror fails to perform the Contract, in whole or in part, the County shall give the Successful Offeror written notice of the default and the opportunity to cure it by a stated deadline.
   b. If the Successful Offeror fails to cure its default by the deadline, then the County may terminate the contract, in whole or in part, by providing written notice of termination

to the Successful Offeror. The notice of termination shall state the effective date of termination. A partial termination shall set forth the nature and scope of the termination.

c. Unless the notice of termination states otherwise, the Successful Offeror shall stop performing the Contract when it receives the notice of termination.
d. An equitable adjustment in the Contract price shall be made for unpaid services satisfactorily rendered and goods satisfactorily delivered before the date the Successful Offeror receives the notice of termination minus the County's cost to complete the Successful Offeror's work. The Successful Offeror shall not be entitled to payment for services rendered or goods delivered after the date the Successful Offeror receives the notice of termination or for reimbursement of any cost the Successful Offeror incurs after the date the Successful Offeror receives the notice of termination. If the County's cost to complete the Successful Offeror's work exceeds the unpaid balance due to the Successful Offeror, the County will not owe the Successful Offeror any money; instead, the Successful Offeror shall pay to the County the difference between the unpaid balance due and the County's cost to complete the work.
e. Unless the parties expressly agree in writing otherwise, the County may transmit notices of default and termination for cause by email, USPS First-Class Mail®, or courier or overnight delivery service. The Successful Offeror shall be deemed to be in receipt of any notice emailed on the day the County sends it. The Successful Offeror shall be deemed to be in receipt of any notice the County sends by USPS First-Class Mail® three business days after the date shown in the postmark. The Successful Offeror shall be deemed to be in receipt of any notice the County sends by courier or overnight delivery service on the date of delivery as confirmed by the courier or overnight delivery service.
f. If the Successful Offeror receives two notices of default, the County shall not be obligated to give the Successful Offeror the opportunity to cure any subsequent defaults but may terminate the contract in accordance with this section.
    g. If it is determined that the Successful Offeror knowingly made a false certification in violation of the Responsible Offeror Certification section of this RFP, the County may terminate the contract for cause. In terminating the contract for this cause, the County shall not be obligated to give the Successful Offeror the opportunity to cure.

h. If any act or omission of the Successful Offeror (including the Successful Offeror's employees, agents, subcontractors, and assigns) arising out of the performance of the contract causes any person to suffer bodily injury that involves substantial risk of death, extreme physical pain, protracted and obvious disfigurement, or protracted loss or impairment of the function of a bodily member, organ, or mental faculty, then the County shall not be obligated to give the Successful Offeror the opportunity to cure its default but may terminate the contract in accordance with this section.
i. Any remedies this section affords to the County are non-exclusive, and the County may enforce any remedy available at law or in equity in connection with any default of the Successful Offeror. Termination of the Contract for cause does not relieve the Successful Offeror of liability for damages the County sustains because of the Successful Offeror's breach.

3. Termination for Convenience

a. The County may terminate the Contract, in whole or in part, whenever the Purchasing Director determines that such termination is in the County's best interest.
b. The County must give the Successful Offeror written notice of a termination for convenience. The notice must specify the extent to which the Contract is terminated and the effective termination date. The effective termination date shall be at least seven calendar days after the date the County issues the notice of termination for convenience.
c. An equitable adjustment in the Contract price shall be made for unpaid services satisfactorily rendered and goods satisfactorily delivered before the date the Successful Offeror receives the notice of termination. The Successful Offeror shall not be entitled to payment for services rendered or goods delivered after the date the Successful Offeror receives the notice of termination, and the Successful Offeror shall not be entitled to payment for any costs it incurs after the date it receives the notice of termination.
d. Unless the County's notice specifies otherwise, the Successful Offeror must stop work on the date it receives the notice of termination.
e. Unless the parties expressly agree otherwise, the County may transmit notices of termination for convenience by email, USPS First-Class Mail®, or courier or overnight delivery service. The Successful Offeror shall be deemed to be in receipt of any notice emailed on the day the County sends it. The Successful Offeror shall be deemed to be in receipt of any notice sent by USPS First-Class Mail® three business days after the date shown in the postmark. The Successful Offeror shall be deemed to be in receipt of any notice the County sends by courier or overnight delivery service on the date of delivery as confirmed by the courier or overnight delivery service.

G. Drug-Free Workplace to be Maintained by the Contractor (VA. Code §2.2-4312)

1. During the performance of this Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over $10,000, so that the provisions will be binding upon each subcontractor or vendor.
2. For the purposes of this section, *"drug-free workplace"* means a site for the performance of work done in connection with a specific contract awarded to a contractor in accordance with the Virginia Public Procurement Act, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

H. Employment Discrimination by Contractor Prohibited

1. Contractor certifies to the County of Henrico, Virginia that it will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Contracting Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans With Disabilities Act and § 2.2-4311 of the Virginia Public Procurement Act. If the award is made to a faith-based organization, the

organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the contract on the basis of the recipient's religion, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender or national origin and shall be subject to the same rules as other organizations that contract with public bodies to account for the use of the funds provided; however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (Code of Virginia, § 2.2-4343.1E). During the performance of this Contract, the Contractor agrees as follows (Va. Code § 2.2-4311):

a) The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

b) The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer.

c) Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

2. The Contractor will include the provisions of the foregoing subparagraphs (a), (b), and (c) in every subcontract or purchase order of over $10,000, so that the provisions will be binding upon each subcontractor or vendor.

I. Employment of Unauthorized Aliens Prohibited

As required by Virginia Code §2.2-4311.1, the Contactor does not, and shall not during the performance of this agreement, in the County of Henrico, Virginia knowingly employ an unauthorized alien as defined in the Federal Immigration Reform and Control Act of 1986.

J. Ethics in Public Contracting

Contractor certifies that its proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other offeror, supplier, manufacturer or subcontractor in connection with its proposal, and that they have not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value was exchanged.

K. Antitrust

By entering into a contract, the Successful Offeror conveys, sells, assigns, and transfers to the County of Henrico, Virginia all rights, title and interest in and to all causes of action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular services purchased or acquired by the County under the contract.

L. Testing and Inspection

The County reserves the right to conduct any test/inspection it may deem advisable to assure services conform to the specifications.

M. Assignment of Contract

A contract shall not be assignable by the Successful Offeror in whole or in part without the written consent of the County

N. Indemnification

The Successful Offeror agrees to indemnify, defend, and hold harmless the County (including Henrico County Public Schools), and the County's officers, agents, and employees ("Indemnified Parties") from any damages, liabilities, and costs, including attorneys' fees, arising from any claims, demands, actions, or proceedings made or brought against one or more of the Indemnified Parties by any person, including any employee of the Successful Offeror, related to the provision of any services, the failure to provide any services, or the use of any services or materials furnished (or made available) by the Successful Offeror, provided that such liability is not attributable to the sole negligence of the County.

O. Insurance Requirements

The Successful Offeror shall maintain insurance to protect itself and the County and the County's elected officials, officers, agents, volunteers and employees from claims under the Workers' Compensation Act, and from any other claim for damages for personal injury, including death, and for damages to property which may arise from the provision of services under the Contract, whether such services are provided by the Successful Offeror or by any subcontractor or anyone directly employed by either of them. Such insurance shall conform to the Insurance Specifications. **(Attachment E).**

P. No Discrimination against Faith-Based Organizations

The County does not discriminate against faith-based organizations as that term is defined in Va. Code § 2.2-4343.1.

Q. Offeror's Performance

1. The Successful Offeror agrees and covenants that its agents and employees shall comply with all County, state and federal laws, rules and regulations applicable to the business to be conducted under the Contract.
2. The Successful Offeror shall ensure that its employees shall observe and exercise all necessary caution and discretion so as to avoid injury to person or damage to property of any and all kinds.
3. The Successful Offeror shall cooperate with County officials in performing the Contract work so that interference with the County's normal operations will be minimalized.
4. The Successful Offeror shall be an independent contractor and shall not be an employee of the County.

R. Ownership of Deliverable and Related Products

1. The County shall have all rights, title, and interest in or to all specified or unspecified interim and final products, work plans, project reports and/or presentations, data, documentation, computer programs and/or applications, and documentation developed or

generated during the completion of this project, including, without limitation, unlimited rights to use, duplicate, modify, or disclose any part thereof, in any manner and for any purpose, and the right to permit or prohibit any other person, including the Successful Offeror, from doing so. To the extent that the Successful Offeror may be deemed at any time to have any of the foregoing rights, the Successful Offeror agrees to irrevocably assign and does hereby irrevocably assign such rights to the County.

2. The Successful Offeror is expressly prohibited from receiving additional payments or profit from the items referred to in this paragraph, other than that which is provided for in the general terms and conditions of the Contract.
3. This shall not preclude Offerors from submitting proposals, which may include innovative ownership approaches, in the best interest of the County.

S. Record Retention and Audits

1. The Successful Offeror shall retain, during the performance of the Contract and for a period of five years from the completion of the Contract, all records pertaining to the Successful Offeror's proposal and any Contract awarded pursuant to this Request for Proposal. Such records shall include but not be limited to all paid vouchers including those for out-of-pocket expenses; other reimbursement supported by invoices, including the Successful Offeror's copies of periodic estimates for partial payment; ledgers, cancelled checks; deposit slips; bank statements; journals; Contract amendments and change orders; insurance documents; payroll documents; timesheets; memoranda; and correspondence. Such records shall be available to the County on demand and without advance notice during the Successful Offeror's normal working hours.
2. County personnel may perform in-progress and post-audits of the Successful Offeror's records as a result of a Contract awarded pursuant to this Request for Proposals. Files would be available on demand and without notice during normal working hours.

T. Severability

Each paragraph and provision of the Contract is severable from the entire agreement and if any provision is declared invalid the remaining provisions shall nevertheless remain in effect.

U. Minority-, Woman-, Service Disabled Veteran-Owned, Small Businesses and Employment Services Organizations

It is the policy of the County to actively seek out and provide contracting opportunities to minority-, woman-, service disabled veteran-owned, small businesses and employment services organizations in procurement transactions made by the County.

The County strongly encourages all suppliers to respond to Invitations for Bids and Request for Proposals and supports the use of minority, woman-, service disabled veteran-owned, small businesses and employment services organizations for sub-contracting opportunities.

All formal solicitations are posted on the Commonwealth of Virginia eVA and the County's internet site at http://henrico.gov/finance/divisions/purchasing/ and may be viewed under the Bids and Proposals link. Construction related solicitations are located on eVA and County internet sites and on ProcureWare at https://henrico.procureware.com/home.

V. Subcontracts

No portion of the work shall be subcontracted without prior written consent of the County. In the event that the Successful Offeror desires to subcontract some part of the work specified in the contract, the Successful Offeror shall furnish the County the names, qualifications, and experience of the proposed subcontractors. The Successful Offeror shall, however, remain fully liable and responsible for the work to be done by his/her subcontractor(s) and shall assure compliance with all the requirements of the Contract.

W. Taxes

1. The Successful Offeror shall pay all County, state, and federal taxes required by law and resulting from the work or traceable thereto, under whatever name levied. Such taxes shall not be in addition to the Contract price between the County and the Successful Offeror because the taxes shall be solely an obligation of the Successful Offeror and not the County, the County shall be held harmless for same by the Successful Offeror.
2. The County is exempt from the payment of federal excise taxes and the payment of state sales and use tax on all tangible, personal property for its use or consumption. Tax exemption certificates will be furnished upon request.

X. Reserved

Y. County License Requirement

If a business is located in the County, it is unlawful to conduct or engage in the business without obtaining a business license. If your business is located in the County, include a copy of your current business license with your proposal submission. If your business is not located in the County, include a copy of your current business license with your proposal submission. If you have any questions, contact the Business Section, Department of Finance, County of Henrico, telephone (804) 501-4310.

Z. Environmental Management

The Successful Offeror must comply with all applicable federal, state, and local environmental regulations. The Successful Offeror is required to abide by the County's Environmental Policy Statement: http://henrico.gov/pdfs/risk/env_policy.pdf which emphasizes environmental compliance, pollution prevention, continual improvement, and conservation. Employees of the Successful Offeror must be properly trained and have any necessary certifications to carry out environmental responsibilities. The Successful Offeror must immediately communicate any environmental concerns or incidents to the assigned County Project Manager and the County Risk Manager.

AA. Safety

1. The Successful Offeror shall comply with and ensure that the Successful Offeror's personnel comply with all current applicable local, state and federal policies, regulations and standards relating to safety and health, including, by way of illustration and not limitation, the standards of the Virginia Occupational Safety and Health Administration for the industry. The provisions of all rules and regulations governing safety as adopted by the Safety and Health Codes Board of the Commonwealth of Virginia and issued by the Department of Labor and Industry under Title 40.1 of the Code of Virginia shall apply to all work under the Contract.

The Successful Offeror shall provide or cause to be provided all technical expertise, qualified personnel, equipment, tools and material to safely accomplish the work specified and performed by the Successful Offeror.

2. Each job site must have a supervisor who is competent, qualified, or authorized on the worksite, who is familiar with policies, regulations and standards applicable to the work being performed. The supervisor must be capable of identifying existing and predictable hazards in the surroundings or working conditions which are hazardous or dangerous to employees or the public, and is capable of ensuring that applicable safety regulations are complied with, and shall have the authority and responsibility to take prompt corrective measures, which may include removal of the Successful Offeror's personnel from the work site.
3. In the event the County determines any operations of the Successful Offeror to be hazardous, the Successful Offeror must immediately discontinue such operations upon receipt of either written or oral notice by the County to discontinue such practice.

BB. Authorization to Transact Business in the Commonwealth

1. A contractor organized as a stock or nonstock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership or other business form must be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law.
2. An Offeror organized or authorized to transact business in the Commonwealth pursuant to Title 13.1 or Title 50 of the Code of Virginia must include in its proposal the identification number issued to it by the State Corporation Commission (Attachment C). Any Offeror that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law must include in its proposal a statement describing why the Offeror is not required to be so authorized.
3. An Offeror described in subsection 2 that fails to provide the required information shall not receive an award unless a written waiver is granted by the Purchasing Director, his designee, or the County Manager.
4. Any falsification or misrepresentation contained in the statement submitted by the Offeror pursuant to Title 13.1 or Title 50 of the Code of Virginia may be cause for debarment by the County.
5. Any business entity described in subsection 1 that enters into a contract with a public body must not allow its existence to lapse or allow its certificate of authority or registration to transact business in the Commonwealth if so required by Title 13.1 or Title 50 of the Code of Virginia to be revoked or cancelled at any time during the term of the contract.

CC. Payment Clauses Required by Va. Code §2.2-4354

1. In the event that the Successful Offeror has not received payment from the County for work performed by a subcontractor under a construction contract, the Successful Offeror shall be liable for the entire amount owed to such subcontractor and to pay such subcontractor within 60 days of the receipt of an invoice following satisfactory completion of the work for which the subcontractor has invoiced. The Successful

Offeror shall not be liable for amounts otherwise reducible due to the subcontractor's noncompliance with the terms of the contract. However, in the event that the Successful Offeror withholds all or a part of the amount invoiced by the subcontractor under the terms of the contract, the Successful Offeror shall notify the subcontractor within 50 days of the receipt of such invoice, in writing, of his intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment, specifically identifying the contractual noncompliance, the dollar amount being withheld, and the lower-tier subcontractor responsible for the contractual noncompliance. Payment by the party contracting with the Successful Offeror shall not be a condition precedent to payment to any lower-tier subcontractor, regardless of the Successful Offeror's receiving payment for amounts owed to that contractor.

2. The Successful Offeror awarded the contract for this project shall take one of the two following actions within seven (7) days after the receipt of amounts paid to the Successful Offeror by the County for work performed by the Successful Offeror's subcontractor(s) under the contract:
   a. Pay the subcontractor(s) for the proportionate share of the total payment received from the County attributable to the work performed by the subcontractor(s) under the contract; or

   b. Notify the County and subcontractor(s), in writing, of the Successful Offeror's intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.

3. Unless otherwise provided under the terms of this contract, interest shall accrue at the rate of one percent (1%) per month.

4. The Successful Offeror shall include in each of its subcontracts a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor(s).

5. The Successful Offeror's obligation to pay an interest charge to a subcontractor(s) pursuant to the payment clause in this section shall not be construed to be an obligation of the County. A contract modification shall not be made for the purpose of providing reimbursement for such interest charge and a cost reimbursement claim shall not include any amount for reimbursement for such interest charge.

DD. Contract Period

1. The contract period for PPA shall be up to thirty (30) years for ground-mounted installations and up to twenty-five (25) years for rooftop solar installations.
2. The contract period for Annual Service Agreement Requirements defined in Section II(F) shall be one (1) year. Contract prices shall remain firm for the contract period.
3. The contract period for Annual Service Agreement Requirements defined in Section II(F) may be renewed for 4 additional one-year periods upon the sole discretion of the County.
4. The resulting contract for Annual Service Agreement Requirements defined in Section II(F) should require the Successful Offeror to give at least a ninety (90) day written notice if they do not intend to renew the contract at any annual renewal.

5. The contract for Annual Service Agreement Requirements shall not exceed a maximum of five (5) years.

EE. Non-Exclusive Contract

Nothing in this Request for Proposal constitutes an offer or promise to purchase any goods or services exclusively from the Successful Offeror. The County reserves the right to purchase goods and services similar to, or the same as, the goods and services that are subject to this Request for Proposal from other sources.

FF. Occupational Safety & Health Policy Statement

The Successful Offeror must comply with all applicable federal, state, and local occupational safety and health standards. The Successful Offeror is required to abide by the County's Occupational Safety & Health Policy Statement: https://henrico.gov/pdfs/risk/h_safety_policy.pdf which emphasizes maintaining a safe and healthy work environment for all employees, volunteers, and contractors who access County property and locations. The Successful Offeror must be properly trained and have any necessary certifications to carry out occupational safety and health policy responsibilities. The Successful Offeror must immediately communicate any concerns or incidents to the assigned County Project Manager and the County Risk Manager.

GG. Tobacco – Free Requirement

County Public Schools ("HCPS") has a tobacco-free policy on school property. Therefore, the use or display of tobacco products by the Contractor, its suppliers and/or subcontractors on school property is strictly prohibited at all times, including days and/or hours when school is not in session. This includes, but is not limited to, outdoor areas of school properties and personal or business vehicles present on school property.

"Tobacco products" include any lit or unlit cigarette (including candy cigarettes), cigar, pipe, smokeless tobacco, dip, chew, and snuff in any form. This includes electronic cigarettes, cigarette packages, smokeless tobacco containers, lighters, and any other items containing or reasonably resembling tobacco, tobacco product images and tobacco company logos, such as key chains, t-shirts, ash trays, and coffee mugs.

"School property" includes land, buildings, facilities, and vehicles owned or rented by HCPS. School property includes parking lots, playgrounds and recreational areas.

HH. Direct Contact with Students Certification

Pursuant to Va. Code § 22.1-296.1, as a condition of awarding a contract for the provision of services that require the contractor or employees of the contractor to have direct contact with students on school property during regular school hours or during school-sponsored activities, the contractor shall provide certification of whether any individual who will provide such services has been convicted of any violent felony set forth in the definition of barrier crime in subsection A of Va. Code § 19.2-392.02; any offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense; or any crime of moral turpitude.

Any individual making a materially false statement regarding any such offense is guilty of a Class 1 misdemeanor and, upon conviction, the fact of such conviction is grounds for the revocation of the contract to provide such services and, when relevant, the revocation of any license required to provide such services. School boards shall not be liable for materially false statements regarding the certifications required by Va. Code § 22.1-296.1(E).

The County cannot award a contract to a Bidder that does not complete the Attachment F as part of their submission.

II. Conduct

1. Fraternization between supplier and teachers or students is strictly prohibited.
2. Use, consumption, and/or possession of any controlled substance, substances considered to be illegal, and alcohol are strictly prohibited on school grounds.
3. Cigarette smoking is prohibited on school grounds.
4. Use of vulgar, suggestive or abusive language or gestures is strictly prohibited on school grounds.
5. Use of radios/stereos or other noise producing equipment shall not be used. No weapons of any kind are allowed on school grounds.

JJ. Cooperative Procurement

This procurement is being conducted by the County in accordance with the provisions of Section 2.2-4304 of the Code of Virginia. Except for contracts for architectural and engineering services, if agreed to by the contractor, other public bodies may utilize this Contract. The Contractor shall deal directly with any public body it authorizes to use the Contract. The County, its officials, and its employees are not responsible for placement of orders, invoicing, payments, contractual disputes, or any other transactions between the Contractor and any other public body, and in no event shall the County, its officials, or its employees be responsible for any costs, damages or injury resulting to any party from another public body's cooperative use of a County contract. The County assumes no responsibility for any notification of the availability of the Contract for use by other public bodies, but the Contractor may conduct such notification.

VI. PROPOSAL SUBMISSION REQUIREMENTS

A. The Purchasing Division will not accept oral proposals, nor proposals received by telephone, FAX machine, email or hard copy submissions. Proposals will only be accepted through eVA.

B. All erasures, interpolations, and other changes in the proposal shall be signed or initialed by the Offeror.

C. The Proposal Signature Sheet **(Attachment A)** must accompany any proposal(s) submitted and be signed by an authorized representative of the Offeror. If the Offeror is a firm or corporation, the Offeror must print the name and title of the individual executing the proposal. All information requested should be submitted. Failure to submit all information requested may result in the Purchasing Division requiring prompt submission of missing information and/or giving a lowered evaluation of the proposal.

D. Reserved.

E. The time proposals are received shall be determined by the time clock in eVA. Offerors are responsible for ensuring that their proposals are submitted in eVA by the deadline indicated.

F. By submitting a proposal in response to this Request for Proposal, the Offeror represents it has read and understands the Scope of Services and has familiarized itself with all federal, state, and local laws, ordinances, and rules and regulations that in any manner may affect the cost, progress, or performance of the Contract work.

G. The failure or omission of any Offeror to receive or examine any form, instrument, addendum, or other documents or to acquaint itself with conditions existing at the site, shall in no way relieve any Offeror from any obligations with respect to its proposal or to the Contract.

H. Subject to the limitations of Va. Code § 2.2-4342(F), trade secrets or proprietary information submitted by an Offeror in connection with this procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Offeror must invoke the protection of this section prior to or upon submission of data or materials, and must identify the data or other materials to be protected and state the reasons why protection is necessary (Va. Code § 2.2-4342(F)). **(Attachment D)**

I. A proposal may be modified or withdrawn by the Offeror any time prior to the time and date set for the receipt of proposals. The Offeror shall follow the process in eVA. No proposal can be withdrawn after the time set for the receipt of proposals and for one-hundred twenty (120) days thereafter.

J. The County welcomes comments regarding how the proposal documents and scope of services may be improved. **Offerors requesting clarification, interpretation of, or improvements to the Request for Proposal's general terms, conditions, and scope of services shall submit technical questions concerning the Request for Proposal no later than <u>February 11, 2025</u> in writing.** Any changes to this Request for Proposals shall be in the form of a written addendum issued by the Purchasing Division and it shall be signed by the Purchasing Director or a duly authorized representative. **Each Offeror is responsible for determining that it has received all addenda issued by the Purchasing Division before submitting a proposal. If an addendum is issued after an offeror has submitted a proposal response, the Offeror shall resubmit their proposal in the latest solicitation round in eVA. The County will only evaluate proposals submitted in the latest solicitation round in eVA.**

K. All proposals received on time shall be accepted for consideration. Proposals shall be open to public inspection only after award of the Contract.

L. Responsible Offeror Certification

1. "Responsible offeror" means a person who has the capability, in all respects, to perform fully the contract requirements and the moral and business integrity and reliability that will assure good faith performance, and who has been prequalified, if required.
2. In determining whether an Offeror is responsible, the County will consider whether the Offeror has defaulted on any government contract in the last five years; whether any government has terminated a contract with the Offeror for cause in the last five years; and whether Offeror or any of its officers, directors, partners, or owners is currently barred from participating in any procurements by any federal, state, or local government agency.
3. As part of its proposal, Offeror must certify that it has not defaulted on any government contract in the last five years or must explain any such default in reasonable detail. The County may deem any such explanation of default insufficient if it does not include contact information for the government on whose contract Offeror defaulted.
4. As part of its submission, Offeror must certify that no government has terminated a contract with the Offeror for cause in the last five years or must explain any such termination for cause in reasonable detail. The County may deem any such explanation of termination for cause insufficient if it does not include contact information for the government that terminated a contract with the Offeror for cause.
5. As part of its submission, Offeror must certify that neither it nor any of its officers, directors, partners, or owners is currently barred from participating in any procurements by any federal, state, or local government body. If Offeror cannot make such certification, Offeror must explain any ban in reasonable detail. The County may deem any such explanation insufficient if it does not include contact information for the public body that barred Offeror or Offeror's officer, director, partner, or owner from participating in any procurement on any federal, state, or local government body's contract.
6. If the Offeror fails to submit certifications or explanations in accordance with this section, the Purchasing Division may require prompt submission of missing information and/or give a lowered evaluation of the proposal.
7. The Offeror must notify the County immediately if the Offeror discovers that its certification was erroneous when submitted or has become erroneous.
8. The fact that an Offeror defaulted on a government contract in the last five years; the fact that a government terminated a contract with the Offeror for cause in the past five years; or the fact that Offeror or any of its officers, directors, partners, or owners has been barred from bidding on contracts by any federal, state, or local government body will not necessarily result in the County deeming the Offeror nonresponsible.
9. If it is later determined that the Successful Offeror knowingly made a false certification, the County may terminate the contract for cause.

VII. PROPOSAL RESPONSE FORMAT

A. Offerors shall submit a written proposal that present the Offeror's qualifications and understanding of the work to be performed. Offerors must address each evaluation criterion and be specific in presenting their qualifications. The proposal should provide all the information considered pertinent to the Offeror's qualifications for this project.

B. The Offeror should include in its proposal the following:
   1. Table of Contents
      All pages are to be numbered.

2. Tab 1 – Introduction and Signed Forms
   In this tab, the following items should be provided:
   a. Cover Letter – On company letterhead, signed by a person with the corporate authority to enter into contracts in the amount of the proposal.
   b. Proposal Signature Sheet – **Attachment A**
   c. Business Classification Form – **Attachment B**
   d. Virginia State Corporation Commission Registration Information – **Attachment C**
   e. Proprietary/Confidential Information – **Attachment D**
   f. Direct Contact with Students – **Attachment F**

3. Tab 2 – Statement of the Scope
   In this tab, Offerors, in concise terms, shall state their understanding of the Scope of Services requested by this RFP in Section II.

4. Tab 3 – Default, Termination and Barred Certification Statement
   Pursuant to Section VI, Items L(3), L(4) and L(5), in this tab, Offerors shall certify (i) that it has not defaulted on any government contract in the last five years, (ii) that no government has terminated a contract with the Offeror for cause in the last five years, and (iii) that neither it nor any of its officers, directors, partners, or owners is currently barred from participating in any procurements by any federal, state, or local government body. If any of the aforementioned certifications cannot be made, Offerors must explain in reasonable detail.

5. Tab 4 – Offeror Qualifications, Experience and Resumes.
   In this tab, offerors should demonstrate the offeror's, and their proposed staff's, qualifications and experience in providing the solar PPA services as requested in this Request for Proposal. Offerors should provide, at a minimum, documentation demonstrating that they are regularly engaged in providing the services solicited in this RFP for no less than five (5) years. If subconsultants or subcontractors are to be utilized, provide similar documentation to what has been requested of the offeror in this section. Additionally, offerors should provide documentation demonstrating their financial capacity and their ability to successfully continue to provide service throughout the contract term.

6. Tab 5 – References.
   In this tab, offerors should include a minimum of three (3) references where the offeror has provided services similar to the services being solicited in this Request for Proposals. The information provided should include a contact person's name, position, up-to-date telephone number and email address, the company for which the contact person worked, and the time period of the services performed.

7. Tab 6 – Service Approach/Implementation of Services
   In this tab, offerors should provide, in detail, their approach to fulfilling the scope of services being solicited by this Request for Proposal and demonstrate their compliance

with the requirements of the Scope of Services. If subconsultants are to be utilized, provide the services that they will be providing.

Offerors should comprehensively cover schedule, design, performance, warranties, equipment, layout, mounting, interconnection, and monitoring. Information to be covered includes:

a. Equipment Information (including system description, layout of installation, selection of key equipment and layout of equipment, performance of equipment components and subsystems, specifications for equipment procurement and installation, all engineering associated with structural and mounting details, controls, monitors, instrumentation, and operation and maintenance service plan);
b. Installation Interconnection Information (including solar electric array orientation (degrees), solar electric module tilt (degrees), electrical grid interconnection requirements, integration of solar PV system with other power sources, and system type and mode of operation (utility interactive);
c. Performance Characteristics (including shading calculation documentation, total system output (kWh per year), estimated kWh per month per array (shown over a 12-month period); and warranties and guarantees);
d. Applicable Incentives;
e. Confirmation that the solar PV system will be designed to comply with applicable Dominion Energy interconnection requirements and how Offeror plans to address unforeseen costs associated with such requirements; and
f. Timeline/Schedule.
g. If the offeror plans to assign, in whole or in part, the PPA and/or lease, please include the intended assignee's identity and the relationship between the offeror and the intended assignee.

8. Tab 7 – Conceptual Drawings.
   In this tab, offerors shall submit conceptual drawings indicating the proposed location of the solar PV array(s) and access points along with a one-line electrical diagram showing inverters, transformers, meters, and interconnection locations. Conceptual drawings shall be submitted with dimensions shown in English units.

9. Tab 8 – Project Financing.
   In this tab, offerors shall provide a statement demonstrating how the project will be financed, including all costs of design, installation, startup, maintenance, operation and decommissioning.

10. Tab 9 – PPA Cost.
    In this tab, offerors shall submit separate PPA Cash Flow Chart (Attachment H) for each of the potential facilities identified in Section I(B). PPA Kilowatt hourly rates for solar electricity delivered to the County shall include all federal, state and local utility, energy or environmental incentives and Solar Renewable Energy Credits accruing to the County.

    Offerors shall also include a methodology for determination of a buy-out price in the event of an early termination for convenience by the County, with alternative calculations

based upon whether the County retains the solar PV system, or it is removed by the offeror.

For future facilities to be identified for the installation of a Solar PV systems, offerors shall submit a proposed base PPA Rate ($/kwh) for which the PPA rate will be based off of once a facility has been identified. Additionally, offerors shall submit a proposed PPA Escalation Rate to be utilized on the future identified facilities.

11. Tab 10 – Solar PPA and Lease Agreement.
    In this tab, offerors shall submit a proposed Solar PPA and Lease Agreement, and any other contract documents the offeror will propose.

12. Tab 11 – Exceptions.
    In this tab, Offerors shall list any exceptions taken to the Scope of Services and General Terms and Conditions of this Request for Proposals. The County intends to make the RFP and the Successful Offeror's proposal a part of the contract between the parties, so Offerors should list any exceptions for purposes of negotiating the contract.

13. Tab 12 – Assumptions.
    In this tab, offerors shall list any assumptions made when responding to this Request for Proposals.

VIII. PROPOSAL EVALUATION / SELECTION PROCESS

A. Selection of the Successful Offeror will be based upon submission of proposals meeting the selection criteria. The minimum selection criteria will include:

Evaluation Criteria	Weight
Functional Requirements *In accordance with Section VIII, Item B3 and B12, this criterion considers if the Offeror's proposal satisfies the services solicited by this RFP as specified in Section II.*	30
Experience and Qualifications *In accordance with Section VIII, Item B4, B5 and B6, this criterion considers the Offeror's qualifications, experience, resumes and references of the overall Offeror and staff assigned relative to the services solicited by this RFP as specified in Section II.*	35
Implementation and Ongoing Support *In accordance with Section VIII, Item B7, B8, B9, B11 and B13, this criterion considers the Offeror's approach to implement the services requested by this RFP as specified in Section II.*	25
Price *(In accordance with Section VIII, Item B10, this criterion considers the Offeror's pricing for completing the services requested by this RFP as specified in Section II.)*	15
Quality of Proposal Submission / Oral Presentations *(This criterion considers the overall quality of the Offeror's proposal submitted and any oral presentations required.)*	5
Total	100

B. For goods, nonprofessional services, and insurance, selection shall be made of two or more Offerors deemed to be fully qualified and best suited among those submitting proposals, on the basis of the factors involved in the Request for Proposal, including price if so stated in the Request for Proposal. In the case of a proposal for information technology, as defined in Va. Code § 2.2-2006, the County shall not require an Offeror to state in a proposal any exception to any liability provisions contained in the Request for Proposal. Negotiations shall then be conducted with each of the Offerors so selected. The Offeror shall state any exception to any liability provisions contained in the Request for Proposal in writing at the beginning of negotiations, and such exceptions shall be considered during negotiation. Price shall be considered, but need not be the sole or primary determining factor. After negotiations have been conducted with each Offeror so selected, the County shall select the Offeror which, in its opinion, has made the best proposal and provides the best value, and shall award the contract to that Offeror. Should the County determine in writing and in its sole discretion that only one Offeror is fully qualified, or that one Offeror is clearly more highly qualified than the others under consideration, a contract may be negotiated and awarded to that Offeror.

ATTACHMENT A
PROPOSAL SIGNATURE SHEET

My signature certifies that the proposal as submitted complies with all requirements specified in this Request for Proposal ("RFP") No. # 25-2798-1JEC – Solar Power Purchase Agreement Services.

My signature also certifies that by submitting a proposal in response to this RFP, the Offeror represents that in the preparation and submission of this proposal, the Offeror did not, either directly or indirectly, enter into any combination or arrangement with any person or business entity, or enter into any agreement, participate in any collusion, or otherwise take any action in the restraining of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

I hereby certify that I am authorized to sign as a legal representative for the business entity submitting this proposal.

LEGAL NAME OF OFFEROR (DO NOT USE TRADE NAME):
ADDRESS:
FEDERAL ID NO:
SIGNATURE:
NAME OF PERSON SIGNING (PRINT):
TITLE:
TELEPHONE:
FAX:
EMAIL ADDRESS:
DATE:

ATTACHMENT B
BUSINESS CATEGORY CLASSIFICATION FORM

Company Legal Name: _____

This form completed by: Signature:_____ Title:_____

Date:_____

PLEASE SPECIFY YOUR BUSINESS CATEGORY BY CHECKING THE APPROPRIATE BOX(ES) BELOW.

(Check all that apply.)

- ☐ **SMALL BUSINESS**
- ☐ **WOMEN-OWNED BUSINESS**
- ☐ **MINORITY-OWNED BUSINESS**
- ☐ **SERVICE-DISABLED VETERAN**
- ☐ **EMPLOYMENT SERVICES ORGANIZATION**
- ☐ **NON-SWaM (Not Small, Women-owned or Minority-owned)**

SUPPLIER REGISTRATION – The County of Henrico encourages all suppliers interested in doing business with the County to register with eVA, the Commonwealth of Virginia's electronic procurement portal, http://eva.virginia.gov.

eVA Registered? ☐ **Yes** ☐ **No**

If certified by the Virginia Minority Business Enterprises (DMBE), provide DMBE certification number and expiration date.

_____ **NUMBER** _____ **DATE**

DEFINITIONS

For the purpose of determining the appropriate business category, the following definitions apply:

"Small business" means a business, independently owned and controlled by one or more individuals who are U.S. citizens or legal resident aliens, and together with affiliates, has 250 or fewer employees, or annual gross receipts of $10 million or less averaged over the previous three years. One or more of the individual owners shall control both the management and daily business operations of the small business.

"Women-owned business" means a business that is at least 51 percent owned by one or more women who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest is owned by one or more women who are U.S. citizens or legal resident aliens, and both the management and daily business operations are controlled by one or more women.

"Minority-owned business" means a business that is at least 51 percent owned by one or more minority individuals who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more minority individuals who are U.S. citizens or legal resident aliens, and both the management and daily business operations are controlled by one or more minority individuals.

"Minority individual" means an individual who is a citizen of the United States or a legal resident alien and who satisfies one or more of the following definitions:

1. "African American" means a person having origins in any of the original peoples of Africa and who is regarded as such by the community of which this person claims to be a part.

2. "Asian American" means a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands, including but not limited to Japan, China, Vietnam, Samoa, Laos, Cambodia, Taiwan, Northern Mariana Islands, the Philippines, a U.S. territory of the Pacific, India, Pakistan, Bangladesh, or Sri Lanka and who is regarded as such by the community of which this person claims to be a part.

3. "Hispanic American" means a person having origins in any of the Spanish-speaking peoples of Mexico, South or Central America, or the Caribbean Islands or other Spanish or Portuguese cultures and who is regarded as such by the community of which this person claims to be a part.

4. "Native American" means a person having origins in any of the original peoples of North America and who is regarded as such by the community of which this person claims to be a part or who is recognized by a tribal organization.

"Service disabled veteran business" means a business that is at least 51 percent owned by one or more service disabled veterans or, in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more individuals who are service disabled veterans and both the management and daily business operations are controlled by one or more individuals who are service disabled veterans.

"Service disabled veteran" means a veteran who (i) served on active duty in the United States military ground, naval, or air service, (ii) was discharged or released under conditions other than dishonorable, and (iii) has a service-connected disability rating fixed by the United States Department of Veterans Affairs.

"Employment services organization" means an organization that provides community-based employment services to individuals with disabilities that is an approved Commission on Accreditation of Rehabilitation Facilities (CARF) accredited vendor of the Department of Aging and Rehabilitative Services.

ATTACHMENT C
Virginia State Corporation Commission (SCC)
Registration Information

The Offeror:

☐ is a corporation or other business entity with the following SCC identification number: _____ **-OR-**

☐ is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust **-OR-**

☐ is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the Bidder in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from Bidder's out-of-state location) **-OR-**

☐ is an out-of-state business entity that is including with this bid/proposal an opinion of legal counsel which accurately and completely discloses the undersigned Bidder's current contracts with Virginia and describes why those contracts do not constitute the transaction of business in Virginia within the meaning of §13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia.

Please check the following box if you have not checked any of the foregoing options but currently have pending before the SCC an application for authority to transact business in the Commonwealth of Virginia and wish to be considered for a waiver to allow you to submit the SCC identification number after the due date for bids: ☐

ATTACHMENT D
PROPRIETARY/CONFIDENTIAL INFORMATION IDENTIFICATION

NAME OF OFFEROR: _____

Trade secrets or proprietary information submitted by an Offeror shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Offeror must invoke the protections of Va. Code § 2.2-4342(F) in writing, either before or at the time the data or other materials are submitted. The Offeror must specifically identify the data or materials to be protected including the section(s) of the proposal in which it is contained and the pages numbers, and state the reasons why protection is necessary. A summary of trade secrets and proprietary information submitted shall be submitted on this form. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute trade secret or proprietary information. Va. Code § 2.2-4342(F) prohibits an Offeror from classifying an entire proposal, any portion of a proposal that does not contain trade secrets or proprietary information, line item prices, or total proposal prices as proprietary or trade secrets. If, after being given reasonable time, the Offeror refuses to withdraw such classification(s), the proposal will be rejected.

SECTION/TITLE	PAGE NUMBER(S)	REASON(S) FOR WITHHOLDING FROM DISCLOSURE

ATTACHMENT E

COUNTY OF HENRICO

INSURANCE SPECIFICATIONS

The following insurance coverages and limits are required in order to provide goods, services, construction, professional and non-professional services to Henrico County general government agencies and Henrico County Public Schools. These requirements are specific to this procurement and may or may not be the same for future requests.

Please be sure and review the Additional Requirements Section

The Successful Bidder/Offeror shall carry Public Liability Insurance in the amount specified below, including contractual liability assumed by the Successful Bidder/Offeror, and shall deliver a Certificate of Insurance from carriers licensed to do business in the Commonwealth of Virginia and that is representative of the insurance policies. The Certificate shall show that the policy has been endorsed to add the County of Henrico and Henrico County Public Schools named as an additional insured for the Commercial General Liability coverage. ***The certificate must not show in the description of operations section that it is issued specific to any bid, job, or contract.*** The coverage shall be provided by a carrier(s) rated not less than "A-" with a financial rating of at least VII by A.M. Best or a rating acceptable to the County. In addition, the Successful Bidder/Offeror shall agree to give the County a minimum of 30 days prior notice of any cancellation or material reduction in coverage.

Workers' Compensation

Statutory Virginia Limits
Employers' Liability Insurance - $100,000 for each Accident by employee
$100,000 for each Disease by employee
$500,000 policy limit by Disease

Commercial General Liability

$1,000,000 each occurrence including contractual liability for specified agreement
$2,000,000 General Aggregate (other than Products/Completed Operations)
$2,000,000 General Liability-Products/Completed Operations
$1,000,000 Personal and Advertising injury
$ 100,000 Fire Damage Legal Liability

Business Automobile Liability – including owned, non-owned and hired car coverage

Combined Single Limit - $1,000,000 each accident

Umbrella Liability

$2,000,000 Per Occurrence and in the aggregate

Additional Requirements

In addition to the requirements above, the Successful Bidder/Offeror shall thoroughly review the scope of work that is included and if any of the following are included in the services that will be provided, the following additional insurance will be required, if required:

☒ **Professional Liability - $2,000,000 Per Claim (or limit in accordance with Statute for Medical Professional)**
Required if the Scope includes providing advice or consultation including but not limited to**;** lawyers, bankers, physicians, programming, design (including construction design), architects & engineers and others who require extensive education and/or licensing to perform their duties.

☐ **Cyber Liability - $2,000,000 Per Occurrence**
Required if the Scope includes the collection and electronic transmittal of Personal Health Insurance (PHI), or any other demographic data on individuals including but not limited to Name, Address, Social Security Numbers or any other sort of personally identifying information.

☐ **Abuse and Molestation Coverage - $1,000,000 Per Occurrence**
Required if the scope of work includes the offering of professional or non-professional services to any child or student where one on one contact or consultation is to be provided.

☐ **Pollution Liability - $1,000,000 Per Occurrence**
Required if the scope of work involves the use (other than in a motor vehicle) or removal of a substance or energy introduced into the environment that potentially has an undesired effect or affects the usefulness of a resource. These include, but are not limited to Asbestos, PCB's, Lead, Mold, and Fuels.

☐ **Explosion, Collapse & Underground Coverage (XCU)**
Required of a Contractor in limits equal to the General Liability Limit when the Scope includes any operations involving Blasting, any work underground level including but not limited to wires, conduit, pipes, mains, sewers, tanks, tunnels, or any excavation, drilling, or similar work.

☐ **Builders Risk Coverage**
Required if the scope of work includes the ground up construction of a structure. Limit of insurance shall be 100% of the completed value of the structure. For projects for the renovation of an existing structure, The County shall insure the Builder's Risk with the Contractor being responsible for the first $10,000 of any claim.

☒ **Other as Specified Below**
Professional Liability in the form of Architects & Engineers Errors or Omissions.

NOTE 1: The commercial general liability insurance shall include contractual liability. The contract documents include an indemnification provision(s). The County makes no representation or warranty as to how the Bidder/Offeror's insurance coverage responds or does not respond. Insurance coverages that are unresponsive to the indemnification provision(s) do not limit the Bidder/Offeror's responsibilities outlined in the contract documents.

NOTE 2: The intent of this insurance specification is to provide the coverage required and the limits expected for each type of coverage. With regard to the Business Automobile Liability and Commercial General Liability, the total amount of coverage can be accomplished through any combination of primary and excess/umbrella insurance. This insurance shall apply as primary insurance and non-contributory with respect to any other insurance or self-insurance programs afforded the County of Henrico and Henrico County Public Schools. This policy shall be endorsed to be primary with respect to the additional insured.

NOTE 3: Title 65.2 of the Code of Virginia requires every employer who regularly employs three or more full-time or part-time employees to purchase and maintain workers' compensation insurance. If you do not purchase a workers' compensation policy, a signed statement is required documenting that you are in compliance with Title 65.2 of the Code of Virginia.

NOTE 4: The Certificate Holder Box shall read as follows:
County of Henrico
Risk Management
PO Box 90775
Henrico, VA 23273

ATTACHMENT F
DIRECT CONTACT WITH STUDENTS

Name of Offeror: _____

Pursuant to Va. Code § 22.1-296.1(E), as a condition of awarding a contract for the provision of services that require the contractor or employees of the contractor to have direct contact with students on school property during regular school hours or during school-sponsored activities, the contractor shall provide certification of whether any individual who will provide such services has been convicted of any violent felony set forth in the definition of barrier crime in subsection A of Va. Code § 19.2-392.02; any offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense; or any crime of moral turpitude.

Any individual making a materially false statement regarding any such offense is guilty of a Class 1 misdemeanor and, upon conviction, the fact of such conviction is grounds for the revocation of the contract to provide such services and, when relevant, the revocation of any license required to provide such services. School boards shall not be liable for materially false statements regarding the certifications required by Va. Code § 22.1-296.1(E),.

Va. Code § 22.1-296.1(E), shall not apply to a contractor or his employees providing services to a school division in an emergency or exceptional situation, such as when student health or safety is endangered or when repairs are needed on an urgent basis to ensure that school facilities are safe and habitable, when it is reasonably anticipated that the contractor or his employees will have no direct contact with students.

For purposes of this certification, "services" means any work performed by an independent contractor wherein the service rendered does not consist primarily of acquisition of equipment or materials, or the rental of equipment, materials and supplies.

The contractor is responsible for affirming certification information for his subcontractors.

Pursuant to Va. Code § 22.1-296.1(F), no school board shall award a contract for the provision of services that require the contractor or his employees to have direct contact with students on school property during regular school hours or during school-sponsored activities when any individual who provides such services has been convicted of any violent felony set forth in the definition of barrier crime in subsection A of § 19.2-392.02 or any offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense.

Pursuant to Va. Code § 22.1-296.1(G), any school board may award a contract for the provision of services that require the contractor or his employees to have direct contact with students on school property during regular school hours or during school-sponsored activities when any individual who provides such services has been convicted of any felony or crime of moral turpitude that is not set forth in the definition of barrier crime in subsection A of § 19.2-392.02 and does not involve the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense, provided that in the case of a felony conviction, such individual has had his civil rights restored by the Governor.

As part of this submission, the contractor certifies the following:

☐ **None of the individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities have been convicted of a violent felony set forth in the definition of "barrier**

crime" in Va. Code § 19.2-392.02(A) or an offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense;

And (select one of the following)

☐ **None of the individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities have been convicted of any felony or any crime of moral turpitude.**

or

☐ **One or more individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities has been convicted of a felony or crime of moral turpitude that is not set forth in the definition of "barrier crime" in Va. Code § 19.2-392.02(A) and does not involve the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense. (In the case of a felony conviction meeting these criteria, the contractor must submit evidence that the Governor has restored the individual's civil rights.).**

_____
Signature of Authorized Representative

_____
Printed Name of Authorized Representative

_____
Printed Name of Vendor
(if different than Representative)

ATTACHMENT G
SAMPLE CONTRACT

[Non-Professional *or* Professional] Services Contract
Contract No. [#]

This [Non-Professional *or* Professional Services] Contract (this "Contract") entered into this [#] day of [month] 20[##], by [Offeror's Name] (the "Contractor") and the [County of Henrico, Virginia *or* County School Board of Henrico County, Virginia] ([the "County" *or* "HCPS"]).

WHEREAS [the County *or* HCPS] has awarded the Contractor this Contract pursuant to Request for Proposals No. [#], as modified by [list addenda with dates separated by commas] (the "Request for Proposals"), for [subject matter of the RFP].

WITNESSETH that the Contractor and [the County *or* HCPS], in consideration of the mutual covenants, promises and agreements herein contained, agree as follows:

SCOPE OF CONTRACT: The Contractor shall provide the services to the [the County *or* HCPS] as set forth in the Contract Documents.

COMPENSATION: The compensation [the County *or* HCPS] will pay to the Contractor under this Contract shall be [insert information, referenced document, matrix, etc.].

{If contract is an annual contract, utilize Contract Term, if contract is a spot purchase utilize Service Schedule}
CONTRACT TERM: The Contract term shall be for a period of [number] year[s] beginning [date] and ending [date]. [The County *or* HCPS] may renew the Contract for up to [number] [number]-year terms giving 30 days' written notice before the end of the term unless Contractor has given [the County *or* HCPS] written notice that it does not wish to renew at least 180 days before the end of the term.
{or}
SERVICE SCHEDULE: Services shall be performed in accordance with the [referenced document within the proposal/BAFO].

CONTRACT DOCUMENTS: This Contract hereby incorporates by reference the documents listed below (the "Contract Documents") which shall control in the following descending order:

1. This [Non-Professional *or* Professional] Services Contract between [the County *or* HCPS] and Contractor.
2. The General Contract Terms and Conditions included in the Request for Proposals.
3. The Negotiated Modifications (Exhibit [letter]).
4. Contractor's Best and Final Offer dated [date] (Exhibit [letter]).
5. Contractor's Original Proposal dated [date] (Exhibit [letter]).
6. The Scope of Services included in the Request for Proposals.

IN WITNESS WHEREOF, the parties have caused this Contract to be duly executed intending to be bound hereby.

[Contractor Name]	[County of Henrico, Virginia *or* County School Board of Henrico County, Virginia]
[Address] [City, State, Zip]	[P.O. Box 90775 *or* 406 Dabbs House Road] [Henrico, VA 23273-0775 *or* 23223]
Signature	Signature
Printed Name and Title	[Purchasing Director *or* County Manager *or* Superintendent]
Date	Date

Dominion Energy Solutions℠

County of Henrico

Solar Power Purchase Agreement Services

RFP No. 25-2798-1JEC

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2/19/2025

Jon Creger – Procurement Analyst II

County of Henrico

Request for Proposal – Solar Power Purchase Agreement Services

Dear Mr. Creger,

Dominion Energy Solutions, a wholly-owned subsidiary of Dominion Energy, Inc., is pleased to deliver this response to the County of Henrico's RFP for Solar Power Purchase Agreement Services. With over 30,0000 kilowatts of roof-top and ground-mounted solar facilities in operation under power purchase agreements throughout the Commonwealth of Virginia, Dominion Energy Solutions is one of the top providers of solar power purchase agreement services in the Commonwealth.

Our proposed solution would provide the County with 2,574 kilowatts of solar capacity with estimated production of 3,400 megawatt-hours. Under this solution, Dominion Energy Solutions will construct, own, and operate the system delivering clean energy to the County of Henrico's facilities for the duration of the agreement.

At Dominion Energy Solutions, we are passionate about delivering innovative energy-centric products and services to Virginians and applaud County of Henrico forward-thinking with the advancement of sustainable solutions for the county through this RFP. With our shared focus on sustainability and our commitment to safety and reliability, we are uniquely qualified to support the County of Henrico with these services and look forward to the opportunity.

Regards,

Nathan Frost

TAB 1
INTRODUCTION AND SIGNED FORMS

ATTACHMENT A
PROPOSAL SIGNATURE SHEET

My signature certifies that the proposal as submitted complies with all requirements specified in this Request for Proposal ("RFP") No. # 25-2798-1JEC – Solar Power Purchase Agreement Services.

My signature also certifies that by submitting a proposal in response to this RFP, the Offeror represents that in the preparation and submission of this proposal, the Offeror did not, either directly or indirectly, enter into any combination or arrangement with any person or business entity, or enter into any agreement, participate in any collusion, or otherwise take any action in the restraining of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

I hereby certify that I am authorized to sign as a legal representative for the business entity submitting this proposal.

LEGAL NAME OF OFFEROR (DO NOT USE TRADE NAME):
DE Solutions Solar Development, LLC
ADDRESS:
600 E Canal Street, 14th Floor
Richmond, Virginia 23219
FEDERAL ID NO: **83-1754904**
SIGNATURE:
NAME OF PERSON SIGNING (PRINT): **Nathan Frost**
TITLE: **General Manager - New Business & Customer Solutions**
TELEPHONE: **(833) 793-0882**
FAX:
EMAIL ADDRESS: **solutions@dominionenergy.com**
DATE: Feb 11, 2025

TAB 1
INTRODUCTION AND SIGNED FORMS

ATTACHMENT B
BUSINESS CATEGORY CLASSIFICATION FORM

Company Legal Name: DE Solutions Solar Development, LLC

This form completed by: Signature: _____ Title: Gen Mgr - New Business & Customer Solutions

Date: Feb 11, 2025

PLEASE SPECIFY YOUR BUSINESS CATEGORY BY CHECKING THE APPROPRIATE BOX(ES) BELOW.

(Check all that apply.)

- ☐ SMALL BUSINESS
- ☐ WOMEN-OWNED BUSINESS
- ☐ MINORITY-OWNED BUSINESS
- ☐ SERVICE-DISABLED VETERAN
- ☐ EMPLOYMENT SERVICES ORGANIZATION
- ☒ **NON-SWaM (Not Small, Women-owned or Minority-owned)**

SUPPLIER REGISTRATION – The County of Henrico encourages all suppliers interested in doing business with the County to register with eVA, the Commonwealth of Virginia's electronic procurement portal, http://eva.virginia.gov.

eVA Registered? ☒ **Yes** ☐ **No**

If certified by the Virginia Minority Business Enterprises (DMBE), provide DMBE certification number and expiration date.

_____ NUMBER _____ DATE

DEFINITIONS

For the purpose of determining the appropriate business category, the following definitions apply:

"Small business" means a business, independently owned and controlled by one or more individuals who are U.S. citizens or legal resident aliens, and together with affiliates, has 250 or fewer employees, or annual gross receipts of $10 million or less averaged over the previous three years. One or more of the individual owners shall control both the management and daily business operations of the small business.

"Women-owned business" means a business that is at least 51 percent owned by one or more women who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest is owned by one or more women who are U.S. citizens or legal resident aliens, and both the management and daily business operations are controlled by one or more women.

"Minority-owned business" means a business that is at least 51 percent owned by one or more minority individuals who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more minority individuals who are U.S. citizens or legal resident aliens, and both the management and daily business operations are controlled by one or more minority individuals.

"Minority individual" means an individual who is a citizen of the United States or a legal resident alien and who satisfies one or more of the following definitions:

1. "African American" means a person having origins in any of the original peoples of Africa and who is regarded as such by the community of which this person claims to be a part.

2. "Asian American" means a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands, including but not limited to Japan, China, Vietnam, Samoa, Laos, Cambodia, Taiwan, Northern Mariana Islands, the Philippines, a U.S. territory of the Pacific, India, Pakistan, Bangladesh, or Sri Lanka and who is regarded as such by the community of which this person claims to be a part.

3. "Hispanic American" means a person having origins in any of the Spanish-speaking peoples of Mexico, South or Central America, or the Caribbean Islands or other Spanish or Portuguese cultures and who is regarded as such by the community of which this person claims to be a part.

4. "Native American" means a person having origins in any of the original peoples of North America and who is regarded as such by the community of which this person claims to be a part or who is recognized by a tribal organization.

"Service disabled veteran business" means a business that is at least 51 percent owned by one or more service disabled veterans or, in the case of a corporation, partnership, or limited liability company or other entity, at least 51 percent of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more individuals who are service disabled veterans and both the management and daily business operations are controlled by one or more individuals who are service disabled veterans.

"Service disabled veteran" means a veteran who (i) served on active duty in the United States military ground, naval, or air service, (ii) was discharged or released under conditions other than dishonorable, and (iii) has a service-connected disability rating fixed by the United States Department of Veterans Affairs.

"Employment services organization" means an organization that provides community-based employment services to individuals with disabilities that is an approved Commission on Accreditation of Rehabilitation Facilities (CARF) accredited vendor of the Department of Aging and Rehabilitative Services.

TAB 1
INTRODUCTION AND SIGNED FORMS

ATTACHMENT C
Virginia State Corporation Commission (SCC)
Registration Information

The Offeror:

☒ is a corporation or other business entity with the following SCC identification number:
11199478 -OR-

☐ is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust -OR-

☐ is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the Bidder in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from Bidder's out-of-state location) -OR-

☐ is an out-of-state business entity that is including with this bid/proposal an opinion of legal counsel which accurately and completely discloses the undersigned Bidder's current contracts with Virginia and describes why those contracts do not constitute the transaction of business in Virginia within the meaning of §13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia.

Please check the following box if you have not checked any of the foregoing options but currently have pending before the SCC an application for authority to transact business in the Commonwealth of Virginia and wish to be considered for a waiver to allow you to submit the SCC identification number after the due date for bids: ☐

TAB 1
INTRODUCTION AND SIGNED FORMS

ATTACHMENT D

PROPRIETARY/CONFIDENTIAL INFORMATION IDENTIFICATION

NAME OF OFFEROR: **DE Solutions Solar Development, LLC**

Trade secrets or proprietary information submitted by an Offeror shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Offeror must invoke the protections of Va. Code § 2.2-4342(F) in writing, either before or at the time the data or other materials are submitted. The Offeror must specifically identify the data or materials to be protected including the section(s) of the proposal in which it is contained and the pages numbers, and state the reasons why protection is necessary. A summary of trade secrets and proprietary information submitted shall be submitted on this form. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute trade secret or proprietary information. Va. Code § 2.2-4342(F) prohibits an Offeror from classifying an entire proposal, any portion of a proposal that does not contain trade secrets or proprietary information, line item prices, or total proposal prices as proprietary or trade secrets. If, after being given reasonable time, the Offeror refuses to withdraw such classification(s), the proposal will be rejected.

SECTION/TITLE	PAGE NUMBER(S)	REASON(S) FOR WITHHOLDING FROM DISCLOSURE

TAB 1
INTRODUCTION AND SIGNED FORMS

ATTACHMENT F
DIRECT CONTACT WITH STUDENTS

Name of Offeror: **DE Solutions Solar Development, LLC**

Pursuant to Va. Code § 22.1-296.1(E), as a condition of awarding a contract for the provision of services that require the contractor or employees of the contractor to have direct contact with students on school property during regular school hours or during school-sponsored activities, the contractor shall provide certification of whether any individual who will provide such services has been convicted of any violent felony set forth in the definition of barrier crime in subsection A of Va. Code § 19.2-392.02; any offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense; or any crime of moral turpitude.

Any individual making a materially false statement regarding any such offense is guilty of a Class 1 misdemeanor and, upon conviction, the fact of such conviction is grounds for the revocation of the contract to provide such services and, when relevant, the revocation of any license required to provide such services. School boards shall not be liable for materially false statements regarding the certifications required by Va. Code § 22.1-296.1(E),.

Va. Code § 22.1-296.1(E), shall not apply to a contractor or his employees providing services to a school division in an emergency or exceptional situation, such as when student health or safety is endangered or when repairs are needed on an urgent basis to ensure that school facilities are safe and habitable, when it is reasonably anticipated that the contractor or his employees will have no direct contact with students.

For purposes of this certification, "services" means any work performed by an independent contractor wherein the service rendered does not consist primarily of acquisition of equipment or materials, or the rental of equipment, materials and supplies.

The contractor is responsible for affirming certification information for his subcontractors.

Pursuant to Va. Code § 22.1-296.1(F), no school board shall award a contract for the provision of services that require the contractor or his employees to have direct contact with students on school property during regular school hours or during school-sponsored activities when any individual who provides such services has been convicted of any violent felony set forth in the definition of barrier crime in subsection A of § 19.2-392.02 or any offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense.

Pursuant to Va. Code § 22.1-296.1(G), any school board may award a contract for the provision of services that require the contractor or his employees to have direct contact with students on school property during regular school hours or during school-sponsored activities when any individual who provides such services has been convicted of any felony or crime of moral turpitude that is not set forth in the definition of barrier crime in subsection A of § 19.2-392.02 and does not involve the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense, provided that in the case of a felony conviction, such individual has had his civil rights restored by the Governor.

As part of this submission, the contractor certifies the following:

☒ **None of the individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities have been convicted of a violent felony set forth in the definition of "barrier**

TAB 1
INTRODUCTION AND SIGNED FORMS

crime" in Va. Code § 19.2-392.02(A) or an offense involving the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense;

And (select one of the following)

☒ None of the individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities have been convicted of any felony or any crime of moral turpitude.

or

☐ One or more individuals who will be providing services that require direct contact with students on school property during regular school hours or during school-sponsored activities has been convicted of a felony or crime of moral turpitude that is not set forth in the definition of "barrier crime" in Va. Code § 19.2-392.02(A) and does not involve the sexual molestation, physical or sexual abuse, or rape of a child, or the solicitation of any such offense. (In the case of a felony conviction meeting these criteria, the contractor must submit evidence that the Governor has restored the individual's civil rights.).

Signature of Authorized Representative

Nathan Frost

Printed Name of Authorized Representative

Printed Name of Vendor
(if different than Representative)

TAB 2
STATEMENT OF THE SCOPE

Dominion Energy Solutions is an **industry leader in Virginia** for Solar Power Purchase Agreements. Our extensive experience with on-site solar construction and operations allows us to exceed the expectations and requirements in the RFP. As outlined in the RFP, Dominion Energy Solutions will provide all supervision, labor, materials, and equipment necessary to provide comprehensive design, installation, commissioning, operation, maintenance, repair and replacement, and decommissioning of a solar PV system via a solar PPA in accordance with applicable local, state, and federal codes, the VEPGA Agreement, as well as the utility's and SCC's regulations and requirements. The subsequent pages will outline our understanding of the scope.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DESIGN REQUIREMENTS

1. ***Provide a complete solar PV system design for each site that complies with national and local electrical codes and approved by a Professional Engineer***

The final plans, approved and stamped by a Professional Engineer, will be provided to the County. The preliminary site plans and single line for each site can be found on pages 64 through 70.

2. ***Design solar PV systems for rooftop installations***

The proposed rooftop solar systems will be designed to meet or exceed all laws and codes, not impact the structural integrity of the facilities, and to ensure all roof warranties remain valid after the installation of solar.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DESIGN REQUIREMENTS

3. ***Design the solar PV system that includes a full structural load analysis approved by a Professional Engineer, detailing any structural modifications for each facility necessary to accommodate the proposed solar PV systems;***

Our Professional Engineers will perform a thorough structural load analysis of each building to ensure solar will not compromise the integrity of the buildings. If any upgrades are required those will be outlined in the report provided to the County.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DESIGN REQUIREMENTS

4. ***Completely inspect the facilities and submit, in writing to the County, an itemized list of repairs (that will not compromise the roof warranty) to each roof or roof covering which the Successful Offeror deems necessary to accommodate installation of a solar PV system and prolong the life of the roof for at least the 25-year duration of the Contract;***

Our team will inspect the buildings prior to commencing any onsite work and deliver a list to the County of any issues needing resolution prior to the installation of solar.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DESIGN REQUIREMENTS

5. ***Coordinate and obtain all required interconnection agreements with Dominion***

Dominion Energy Solutions will submit all documents to the utility for interconnection of the solar system and secure all necessary approvals. We will coordinate directly with the utility if any utility upgrades are required for the solar project, with Henrico's approval.

6. ***Coordinate with the obligors under any existing roof warranty or warranties such that the warranty or warranties will remain in effect***

We will coordinate directly with all roofing manufacturers/OEMs to ensure the warranties remain valid after the installation of solar. We have experience with most roofing manufacturers/OEMs and have a thorough understanding of the process to ensure continuance of roofing warranties.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DESIGN REQUIREMENTS

7. ***Provide complete specifications, calculations and drawings for County approval***

The construction drawings, including the specifications and calculations, will be provided to the County for approval prior to construction mobilization.

8. ***Obtain County approval of the final design package.***

Dominion Energy Solutions will submit the final design package to the County for approval.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

1. ***Provide all materials, equipment, wiring, ancillary items, etc. necessary for 100% complete installation and commissioning of a solar PV system***

All necessary materials, equipment, conduit, wiring, and ancillary items for the installation and operation of the solar PV system will be provided by Dominion Energy Solutions, all of which will meet or exceed the building and electrical codes.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

2. ***Install solar PV inverter equipment and its related components and environmental control systems in a location to allow for ease of maintenance and monitoring, efficient operation, low operating losses, and compatibility with existing facilities***

Dominion Energy Solutions solar systems are built to the highest standards with maintenance and long-term operations in mind. The inverter placement, conduit runs, environmental sensor locations, etc. are all considerations we take into account during the design and construction of the solar system.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

3. ***Manage the interconnection and startup of the project in coordination with the County and Dominion***

We will coordinate directly with the utility and the County to interconnect the system with the existing electrical infrastructure. Once the solar system is interconnected and constructed to Dominion Energy Solutions specifications as well as passes all internal QA/QC inspections, an inspection will be scheduled with the County's Department of Building Construction and Inspections for final approval. Once the project has final inspection approval, we will test and fully commission the system in coordination with the County. After commissioning has completed, we coordinate with the utility to grant "permission to operate" and begin operation of the system.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

4. ***Pay for any interconnection, processing, and other fees and expenses as may be required by Dominion for interconnection and operation of the solar PV system***

Any net-metering application fees with be paid to Dominion Energy Virginia by Dominion Energy Solutions. Utility infrastructure upgrades required above and beyond the $16,000 power quality meter, as may determined by the utility interconnection studies, are not included in our response base PPA rates as they are based on grid circuit characteristics and are inestimable. Dominion Energy Solutions proposes the PPA rate adjustments set forth on page 72, and will otherwise work with the County on mutually agreeable adjustments to rates and/or system capacity to minimize the impact of interconnection costs.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

5. ***Schedule and coordinate power interruptions and obtain County approval prior to commencing power interruptions***

The solar system will be connected to the existing electrical infrastructure. The interconnection of the solar system will typically require a full shut-down. We will coordinate with the County on an appropriate time to complete this work. We can accommodate weekend and nighttime shutdowns to minimize impacts to building operations. We will also coordinate with the utility to have the electrical service shut down to perform the work safely.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

6. ***Limit roof penetrations to reduce risk of leaks and damage to existing roof finishes, and coordinate with the roof manufacturer to maintain the roof warranty when penetrations are necessary***

Dominion Energy Solutions will design a system, in coordination with the structural Professional Engineer and the racking manufacturer, to minimize the number of roof penetrations/mechanical attachments. We will coordinate directly with the roofing manufacturer to ensure the continuance/validity of the existing warranty in the event of any required roof penetrations.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

7. ***Minimize exposed fasteners, sharp edges, or system placement which may be conducive to damage to the modules or support structure***

Any exposed fasteners and other sharp materials that can cause damage to the solar system, will be minimized or remediated.

8. ***Avoid use of ferrous metals, wood, or plastic components***

Our technical specifications prohibit the use of ferrous metals and wood. To the extent composite materials are necessary for the safe, code-compliant, and reliable operation of the system, we will coordinate directly with the County.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM INSTALLATION REQUIREMENTS

9. *Use corrosion resistant, including galvanic corrosion, and durable materials*

Dominion Energy Solutions constructs our solar projects to the highest standards that allows the system to continue to operate through and beyond the term of the PPA as the long-term owner/operator of the solar systems. The use of corrosive materials on our projects is prohibited.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM O&M REQUIREMENTS

1. ***Maintain the solar PV system to ensure continuous delivery of the minimum kilowatts of solar-generated electric power for the duration of the Contract, including cleaning, performing upgrades and making necessary repairs due to weather, moisture damage, or any other cause for which the County is not solely responsible***

Dominion Energy Solutions will operate and maintain the system for optimal performance and maximize the kilowatt-hour generation for the site. The items set forth above are in our basic operations and maintenance (O&M) scope of work and if any anomalies are identified, a technician will be deployed to investigate and resolve the issue.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM O&M REQUIREMENTS

2. ***Provide an acceptable method of metering all electric power production from the solar PV system (at least at an hourly interval) and making the data available for monitoring by Henrico County as well as by the general public on a vendor-provided website for educational and outreach purposes***

The solar production will be measured near the point of interconnection utilizing a revenue-grade meter. The production data will be updated hourly at a minimum in the public portal provided by our team. An example of the portal can be found in Appendix A.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM O&M REQUIREMENTS

3. ***In the event of roof repairs or replacement services by the County, relocate the solar PV system to allow for the repairs or replacement of the roof, and upon completion of the repairs or replacement, reinstall the solar PV system to an operable condition***

In the event of roof repairs or replacement services requiring the solar system to be relocated for repairs, Dominion Energy Solutions will remove the system and upon completion of the repairs, reinstall the solar system to an operable condition in accordance with the terms of the PPA on pages 91 through 121.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM O&M REQUIREMENTS

4. ***At its sole expense, make all roof repairs (or replacement) caused by the negligence, gross negligence, recklessness or willful misconduct of the Successful Offeror, including relocating the solar PV system to allow the Successful Offeror to make all necessary roof repairs (or replacement), and reinstalling the solar PV system to an operable condition***

Dominion Energy Solutions will take every precaution possible to ensure the roof system is not damaged during the installation and maintenance of the solar system. If damage to the roof system occurs as a result of our negligence or willful misconduct, Dominion Energy Solutions will bear the cost of all repairs including those associated with relocation of the solar array.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM O&M REQUIREMENTS

5. ***In the event that emergency roof repairs or solar PV system repairs are necessary for building integrity or safety reasons, remove or relocate the solar PV system or repair the solar PV system, as applicable, as soon as possible, but in any event within 48 hours of notice***

In the event of an emergency, we will take all efforts to remove or repair the solar system as soon as possible and well within a 48-hour period.

TAB 2
STATEMENT OF THE SCOPE
SOLAR PV SYSTEM DECOMMISSIONING REQUIREMENTS

At the end of the Contract, if the County does not elect to retain the solar PV system for self-operation, the Successful Offeror shall, at its expense, decommission, remove and properly dispose the solar PV system from the facility(s) and restore all elements of the facility(s) affected by the installation or removal of the solar PV system to its pre-project condition

We will remove the solar PV system at our expense if the County does not elect to renew the PPA or retain the solar system at the end of the agreement term. The site will be restored materially to its pre-project condition and responsibly recycle or dispose of system materials.

TAB 2
STATEMENT OF THE SCOPE
OTHER GENERAL REQUIREMENTS

1. ***Obtain and pay for all federal, state, and local governmental permits and zoning approvals required for installation and subsequent operation of the solar PV system***

Dominion Energy Solutions will acquire all applicable permits and/or zoning compliance determinations for the installation and operation of the solar systems.

TAB 2
STATEMENT OF THE SCOPE
OTHER GENERAL REQUIREMENTS

2. *Obtain and pay for all Dominion permits and approvals*

The required permits and approvals will be obtained from Dominion Energy Virginia and any applicable fees, other than utility upgrades in excess of a power quality meter, will be paid by Dominion Energy Solutions.

TAB 2
STATEMENT OF THE SCOPE
OTHER GENERAL REQUIREMENTS

3. ***Comply with all aspects of the Pilot Program and applicable provisions of the VEPGA Agreement***

Dominion Energy Solutions will comply with the Pilot Program requirements and provisions of the VEPGA agreement.

4. ***Assist with communications and public relation services to foster public awareness and education about the solar PV system project***

Together with Dominion's robust media relations team, we commit to support any public awareness and educational campaigns regarding the solar projects

5. ***Not sell solar-generated electric power from County facilities to other parties***

The solar systems will provide power solely to the facility/building in which the system is sited and not to other parties.

TAB 2
STATEMENT OF THE SCOPE
OTHER GENERAL REQUIREMENTS

6. ***Coordinate with HCPS third-party commissioning agent as required for Leadership in Energy and Environmental Design ("LEED") requirements on the school facilities included in Section 1(B) and coordinate with Henrico County Government and HCPS on any other future facilities that are selected to receive solar PV systems through a PPA when the construction of the facility includes pursuing LEED certification***

Dominion has experience with LEED requirements and will coordinate directly with the appropriate parties to support the pursuit of LEED certifications for any near-term and future facilities with integrated Dominion Energy Solution's solar systems.

TAB 2
STATEMENT OF THE SCOPE
ANNUAL SERVICE AGREEMENT REQUIREMENTS

1. ***Assist the County in identifying additional facilities for solar feasibility study to determine if the installation of a solar PV system is feasible***

Dominion has vast experience evaluating prospective facilities for solar feasibility and will assist the County on the identification and analysis of additional County facilities for solar.

TAB 2
STATEMENT OF THE SCOPE
ANNUAL SERVICE AGREEMENT REQUIREMENTS

2. ***At the County's request, complete a solar feasibility study, and provide a report, including pricing through the PPA Cash Flow Chart (Attachment H) to the County, of additional facilities to determine if the installation of a solar PV system is feasible***

For any sites identified as a good candidate for solar, we will prepare a report/proposal with the system's estimated capacity, production, layout, and pricing consistent with the format of Attachment H of the RFP.

TAB 2
STATEMENT OF THE SCOPE
ANNUAL SERVICE AGREEMENT REQUIREMENTS

3. ***At the County's request, complete the requirements listed in Section II, Items A through E for the selected additional facilities to receive installation of solar PV systems through a PPA***

After the execution of a PPA for the future facility, Dominion Energy Solutions will complete the requirements listed in Section II, items A through E for that facility.

TAB 3
DEFAULT, TERMINATION, AND BARRED CERTIFICATION STATEMENT

Dominion Energy Solutions certifies (i) that it has not defaulted on any government contract in the last five years, (ii) that no government has terminated a contract with the offeror for cause in the last five years, and (iii) that neither it nor any of its officers, directors, partners, or owners is currently barred from participating in any procurements by any federal, state, or local government body.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Dominion Energy Solutions, headquartered in Richmond, Virginia, has been providing customers with on-site renewable energy solutions at no upfront cost to help customers achieve their renewable and sustainability goals since 2019.

Our greatest strength in the industry and what makes us different than other Solar Power Purchase Agreement providers is that we are a wholly owned subsidiary of Dominion Energy, Inc, a **Fortune 500 Power & Utilities company**. A company with **over 100 years of providing reliable, affordable, and increasingly sustainable energy** to Virginians. Dominion's long-standing history of delivering energy reliably starts with robust technical standards that have been adopted by our group for its commercial-scale solar projects.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Dominion Energy is one of the nation's largest and most experienced renewable energy providers with more than 3 gigawatts of clean energy projects in operations. Dominion Energy's stated mission is to provide reliable, affordable, clean energy to power its customers' every day.

This commitment extends to Dominion Energy Solutions; from a reliability perspective we maintain **fleet uptime of greater than 99%**. This means that our clients get the clean energy they expect when entering into a long-term commitment.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Our **financial strength and experience** of delivering projects on-time and on-budget allows us to offer affordable PPA rates to our customers without the execution risk other solar providers often navigate, so the County can start enjoying the many benefits of going solar in less time. Other solar providers may sell your projects a few months after contract award while we have the **funding and commitment to be your sole long-term energy partner** for the next three decades.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

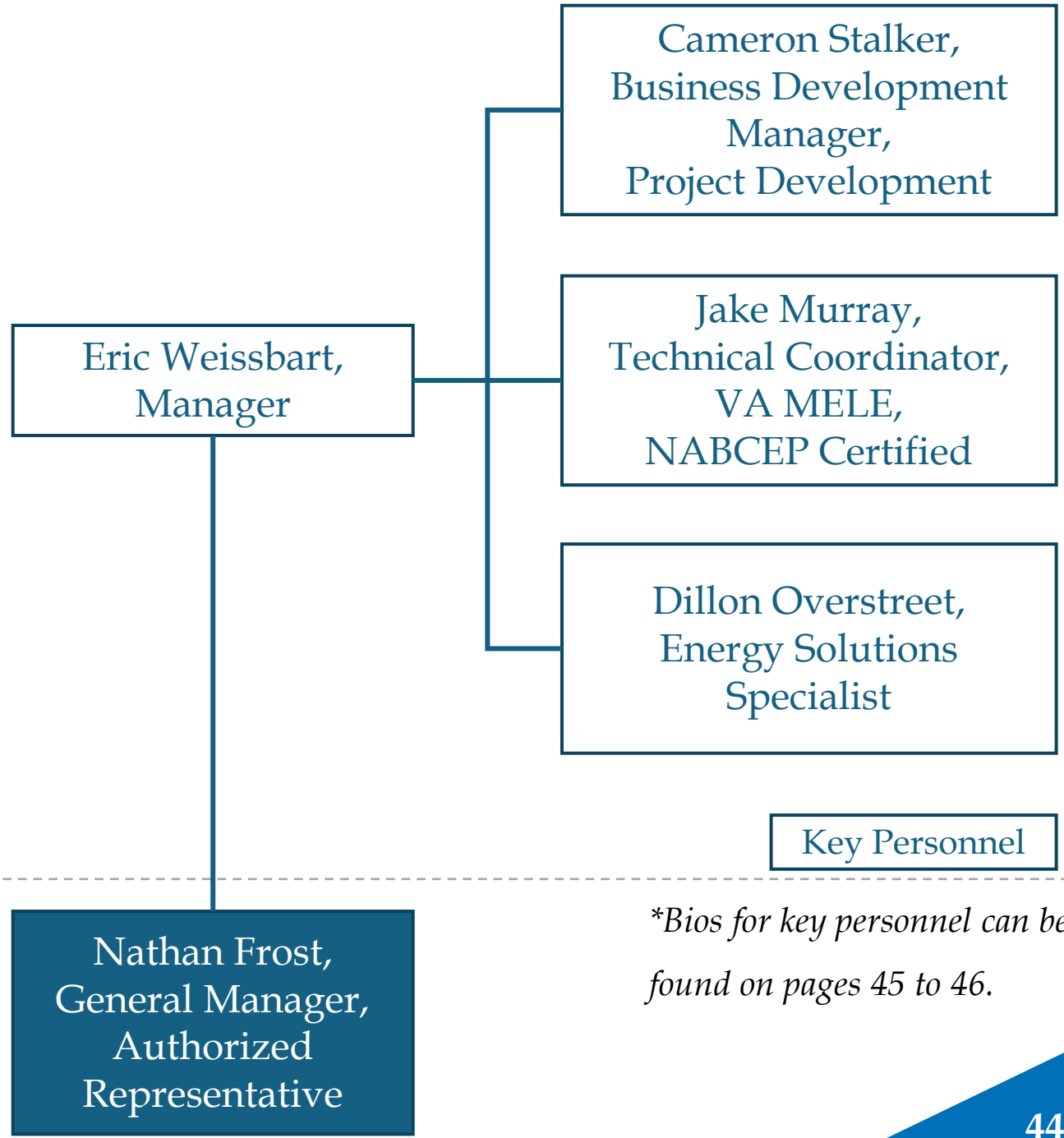
Dominion Energy Solutions is **Virginia's preeminent PPA provider** as the owner of over 70 projects financed under long-term PPA agreements representing almost **75% of the PPA capacity** placed in-service in the Commonwealth since we formed in 2019. More than 95% of those projects are with public bodies including schools and municipal facilities such as recreational centers, administrative buildings, public safety centers and fire stations.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Dominion Energy Solutions has 20 full-time staff located at Dominion's tower in the heart of Richmond with access to a team of more than 4,000 employees across all shared services including IT, finance, legal, risk and supply chain. Our team is well-supported to ensure the County's projects are on-time and on-budget.

We have built a team with industry-leading expertise to provide exceptional Power Purchase Agreement services to each of our customers and the dedicated team shown on page 44 to 46 will be involved in every step of the County of Henrico's projects.

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES



**Bios for key personnel can be found on pages 45 to 46.*

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Cameron Stalker

Business Development Manager

- Role: Project Development

- Over 8 Years of Solar and Energy Industry Experience

- MBA from Virginia Commonwealth University

- B.S. in Integrated Science and Technology from James Madison University

Jake Murray

Technical Coordinator

- Role: Project Management, Technical Expertise & QA/QC

- Over 11 Years of Solar and Energy Industry Experience

- Virginia Master Electrician (271006648)

- Dually NABCEP Certified as a PV System Inspector and an PV Installation Professional

TAB 4
OFFERORS QUALIFICATIONS, EXPERIENCE AND RESUMES

Eric Weissbart, CPA

Manager

- Role: Management of the Dominion Energy Solutions team

- Over 14 Years of Solar and Energy Industry Experience

- B.A.s in Both Accounting and Finance from James Madison University

Dillon Overstreet

Energy Solutions Specialist

- Role: Project Support & Oversight

- Over 2 Years of Solar and Energy Industry Experience

- B.A. in Finance from Virginia Commonwealth University

TAB 5
REFERENCES

Chesterfield County

3.1 MW across 11 sites

PPA Provider since 2023

Julia Reynolds,

Energy Management

Administrator

ReynoldsJB@chesterfield.gov

(804) 796-7025

Henrico County

4 MW across 10 sites

(9 currently operating)

PPA Provider since 2021

Graham Marsteller,

Construction Coordinator

gamarsteller@henrico.k12.va.us

(804) 350-4837

TAB 5
REFERENCES

City of Norfolk

200 kW across 2 sites

PPA Provider since 2024

Richard Parker,

Construction Director

Richard.Parker@norfolk.gov

(757) 805-2714

Virginia Beach City Public Schools

4.9 MWs across 7 schools

(4 currently operating)

PPA Provider since 2020

Trevor Vuono, Energy Manager

Trevor.Vuono@vbschools.com

757-798-9694

TAB 5
REFERENCES

Evergreen Enterprises

800kW across 3 sites

PPA Provider since 2023

Lee Crowe, Director

leec@myevergreen.com

(800) 774-3837

Hanover Foils

700 kW

PPA Provider since 2020

Howard Hager, Owner

howard.hager@hanoverfoils.com

757-798-9694

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Dominion Energy Solutions will execute and comply with all the requirements in the Scope of Services, including all development activities required to mobilize for construction. We will perform a robust review of all project variables including real estate, zoning, regulatory, tax, permitting, environmental, construction, engineering, interconnection, etc. With the teams in place at Dominion Energy Solutions, and our parent company, Dominion Energy, Inc., we have the expertise to perform all the activities required for the successful delivery of high-quality clean energy projects.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

At present, no subcontractors have been selected for this scope of work. After contract award, Dominion Energy Solutions will identify and partner with subcontractors who are the most qualified for the scope of work. However, before any work is performed by any identified partnera, we will seek approval of subcontractors from the County.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Modules: At present the system is designed with Qcells 490W modules. However, the equipment may change due to site conditions or supply chain availability. If these modules are unavailable, the proposed solar array will consist of solar modules from a manufacturer on the Bloomberg Tier 1 list. Quarterly, Bloomberg New Energy Finance ranks solar module manufacturers in terms of their financial stability. Dominion Energy Solutions only utilizes Tier 1 modules on that list to ensure the module manufacturers will be able to uphold their obligations under the product warranties.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Racking: The solar array will be designed with a fixed tilt racking system that is ballasted on the roof. The specific vendor will be selected after site diligence including structural analysis has been completed. By utilizing this mounting system, we are able to avoid or minimize roof penetrations. The ballasted racking system will be engineered based on the site specifics. All plans and reports will be provided to the County of Henrico.

For the canopy system, the system will also be a fixed tilt racking system atop a steel structure. The specific vendor will be selected after site diligence, including structural analysis, has been completed.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Inverters: We will use string inverters to convert the direct current energy, which is produced by the solar modules, to alternating current, which is utilized by the buildings. At present the system is designed with the industry leading SolarEdge inverters. However, equipment may change based on site conditions or supply chain availability.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Wire/Conduit: The array will interconnect to the existing facilities electrical infrastructure. On the roof, wire will be pulled from the modules to the inverter through UL (all weather/above ground/underground) rated conduit to the inverters. From there, the wire will be pulled from the inverters through another pipeline of UL (all weather/above ground/underground) rated conduit to the interconnection point at the electrical service. The specifics of wire/conduit sizes, locations, will be determined during the engineering phase of the project.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Disconnects: As safety is always the top priority of any Dominion Energy Solution project, there will also be dedicated electric disconnects both at the inverters and at the point of interconnection. The disconnects allow for the system to be shutdown as necessary. The system also has fully integrated rapid shutdown functionality which stops the flow of energy from the solar panels if there is an anomalous measurement at the module-level.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Equipment Information:

Monitoring/Metering: To ensure the system is producing optimally, a revenue grade production monitoring system will be installed for the solar system. We will provide the County of Henrico access to a portal which will show the production data for the site. An example of this portal can be found on Appendix A.

O&M: As the system owner, we will be responsible for O&M at no additional cost to the County. Our typical O&M services includes real-time monitoring, annual full system inspections, and preventative maintenance for seamless operations.

As stated in the preceding slides, specific equipment vendors are subject to change and will be finalized during the engineering stage to optimize system performance.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Installation Interconnection Information:

Array Characteristics: The rooftop solar arrays will be fixed tilt mounted system at a 10-degree pitch. We will orient the array towards the south with consideration to the roof layout, shade, obstruction, etc., for optimal production. The canopy is currently proposed at a 3-degree pitch but subject to structural engineering review.

Interconnection: The solar inverters are grid-interactive and approved by the utility for parallel operation with the utility grid. The utility will approve our interconnection application that will require at a minimum a power quality monitor to meet the interconnection requirements.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Interconnection Requirements:

As former utility employees with significant experience working with Dominion Energy Virginia's interconnection team to interconnect solar energy solutions, we are well-positioned to handle this process to ensure all requirements are met with safety and reliability as the the top priority. In the event unforeseen utility upgrades are required, we will work with the County to determine a path forward either by increase of the PPA rate as detailed on page 72, decrease of the system size or other mutually agreeable measures to minimize the impact of utility interconnection requirements.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Performance Characteristics:

The solar modules come with a 25-year production warranty and the inverters will have a 10-year warranty. As the system owner, Dominion Energy Solutions will cover all cost associated with any equipment failures, including warranty claims, for the term of the agreement at no additional cost to the County.

The specific performance characteristic for each site can be found on the Helioscope production report in Appendix C. The report will include the monthly production, annual production, and system size. In addition to the production report, the shading report for the solar systems can be found on Appendix D.

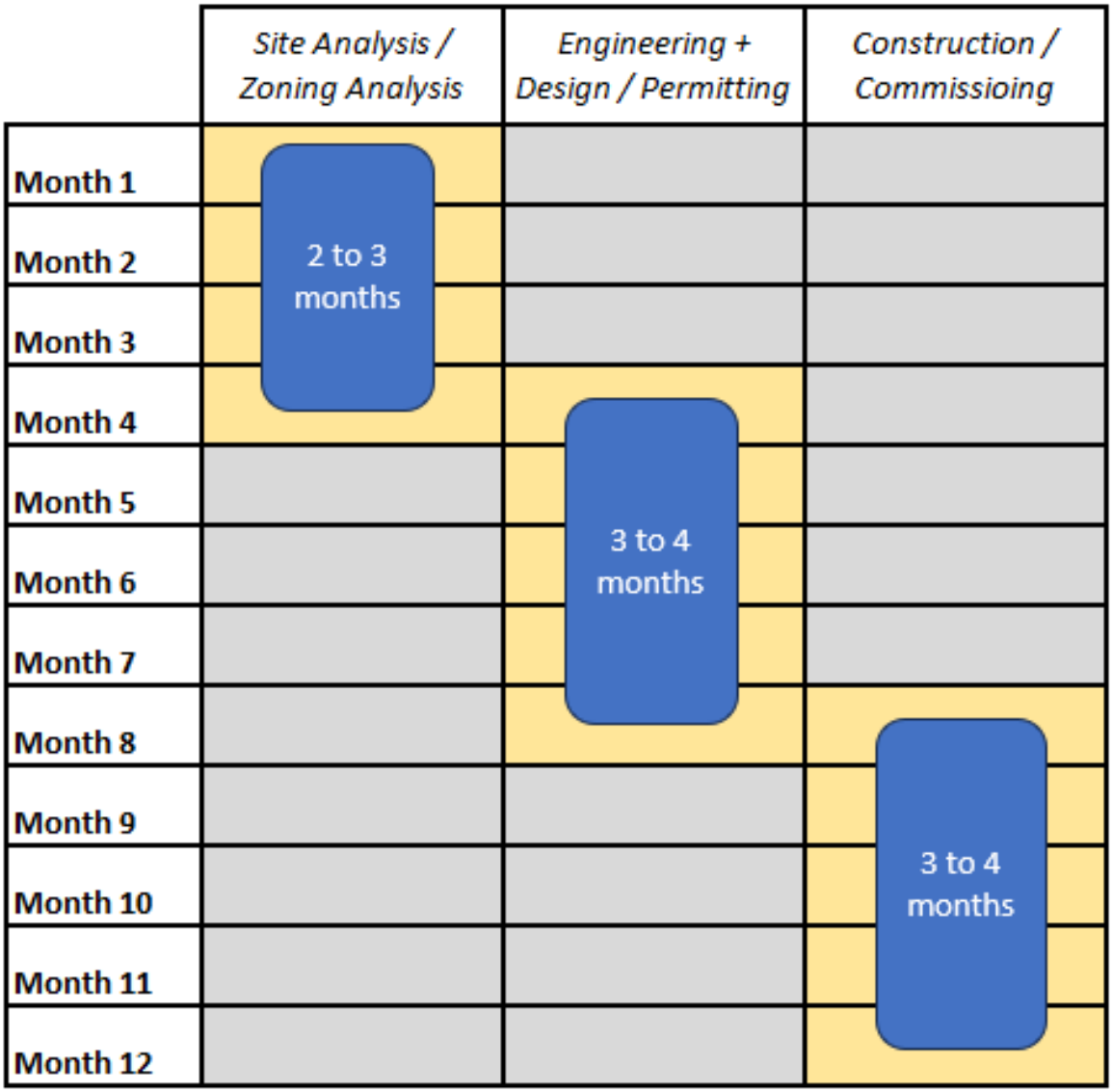
TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Applicable Incentives:

Currently, solar projects in Virginia have two primary incentives available, one relates to tax incentives in the form of credits and deductions. As the system owner, and a for-profit tax efficient entity, Dominion Energy Solutions can monetize these attributes and will effectively pass through the related benefits to the County via the PPA rate offered herein. The second incentive is the Solar Renewable Energy Credit (SREC) which is produced each time the solar system produces 1 megawatt-hour of electricity. In Virginia SRECs are most valuable to the two investor-owned utilities (IOUs) who are required to procure and retire them to comply with the Virginia Clean Economy Act. The County has indicated its desire to retain the SRECs for this project, however, we also included adjustments to the rates should they be retained by us.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

Preliminary Timeline/Schedule:



Schedule representative for a single project.

TAB 6
SERVICE APPROACH/ IMPLEMENTATION OF SERVICES

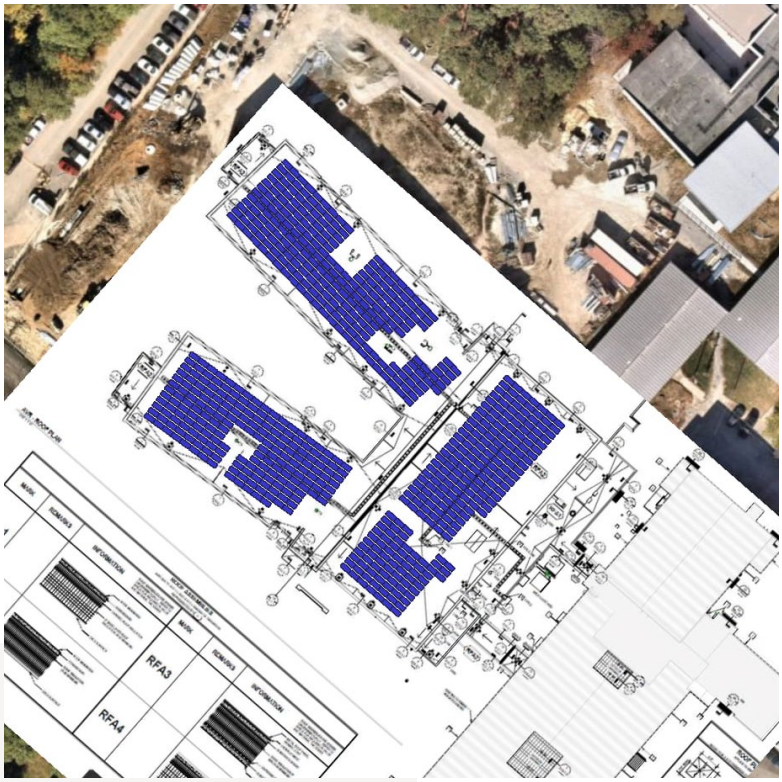
Assignment: Dominion Energy Solutions does not plan to assign these projects to another party. As discussed earlier, a key strength of Dominion Energy Solutions is our ability to self-fund these projects with no need for project-level financing. We will be the **sole long-term owner and operator** of the solar systems.

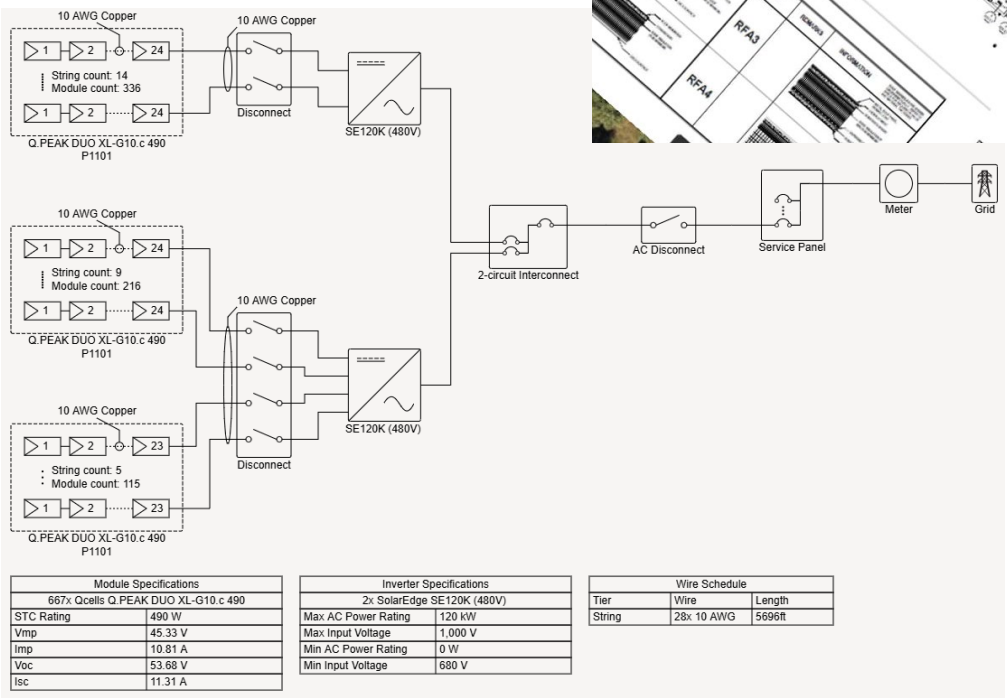
TAB 7
CONCEPTUAL DRAWINGS

Virginia Randolph Academy

System size:

327kWdc/240kWac





Module Specifications	
667x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
2x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	28x 10 AWG	5696ft

Under 250kW$_{ac}$; the project will be not subject to utility upgrades.

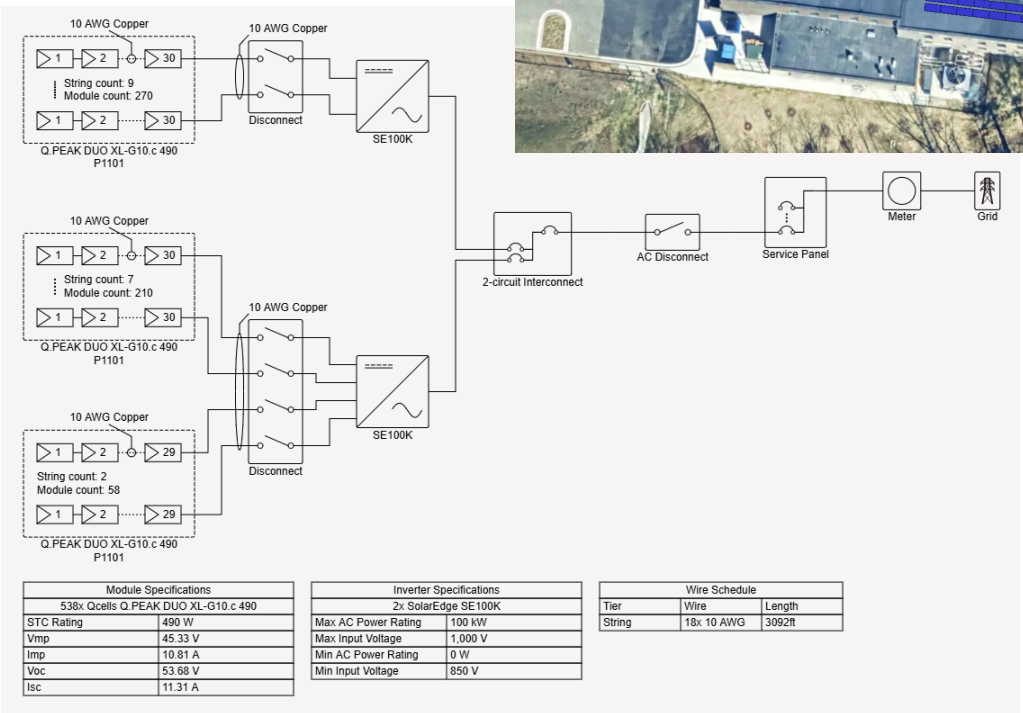
Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

TAB 7
CONCEPTUAL DRAWINGS

Hermitage High School Advanced Career Education (ACE) Center

System size:

264kWdc/200kWac



Module Specifications	
538x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
2x SolarEdge SE100K	
Max AC Power Rating	100 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	850 V

Wire Schedule		
Tier	Wire	Length
String	18x 10 AWG	3092ft

Under 250kW$_{ac}$; the project will be not subject to utility upgrades.

Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

TAB 7
CONCEPTUAL DRAWINGS

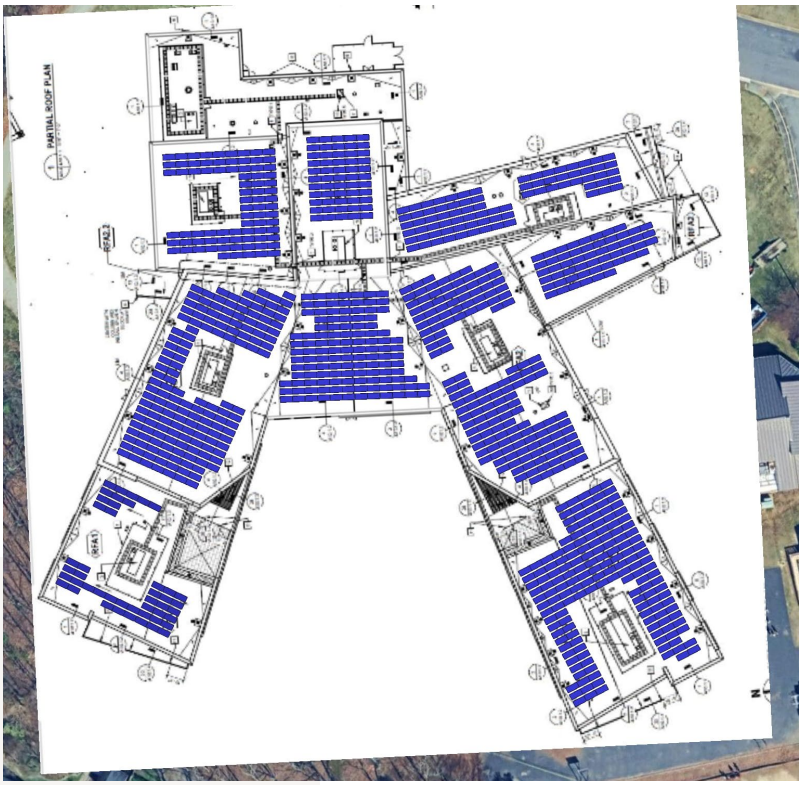
Jackson Davis

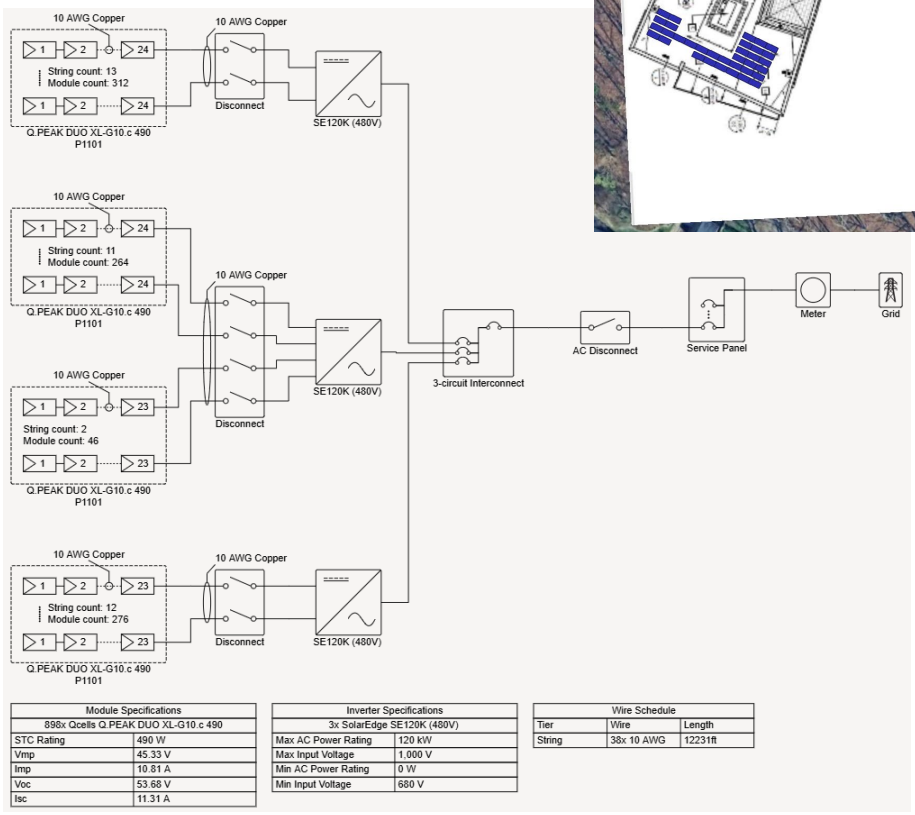
Elementary School

(Option 1)

System size:

440kWdc/360kWac





Module Specifications	
898x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
3x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	38x 10 AWG	12231ft

With a system size over 250kW$_{ac}$, the project will be subject to interconnections studies and may require utility upgrades. Impact to PPA rates for required upgrades are reflected on page 72.

Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

TAB 7
CONCEPTUAL DRAWINGS

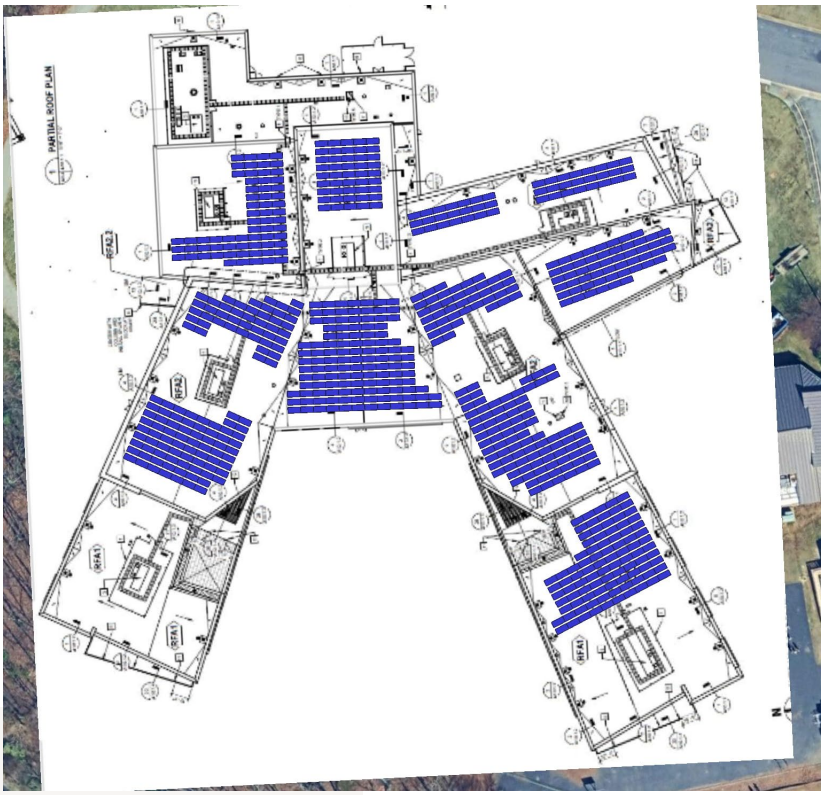
Jackson Davis

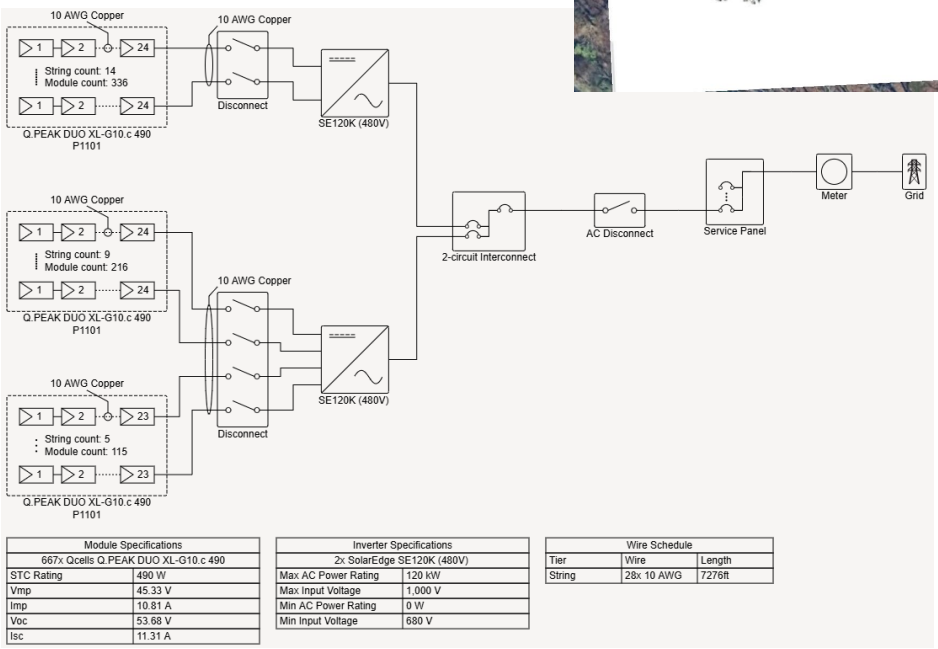
Elementary School

(Option 2)

System size:

327kWdc/240kWac





Module Specifications	
667x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
2x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	28x 10 AWG	7276ft

Under 250kW$_{ac}$; the project will be not subject to utility upgrades.

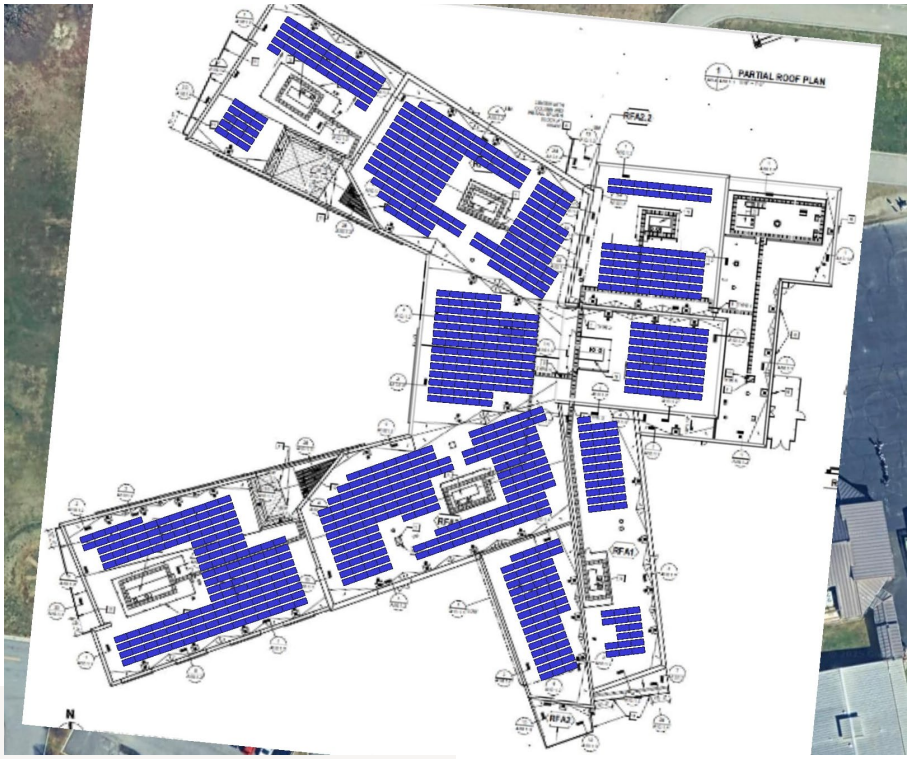
Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

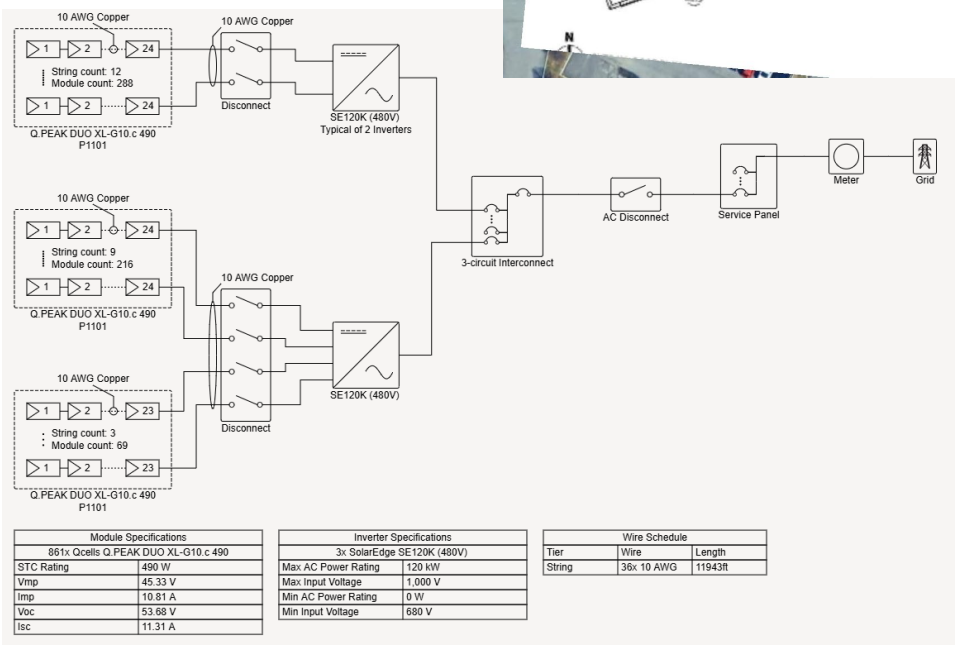
TAB 7
CONCEPTUAL DRAWINGS

R.C. Longan Elementary School (Option 1)

System size:

422kWdc/360kWac





Module Specifications	
861x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
3x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	36x 10 AWG	11943ft

With a system size over 250kW$_{ac}$, the project will be subject to interconnections studies and may require utility upgrades. Impact to PPA rates for required upgrades are reflected on page 72.

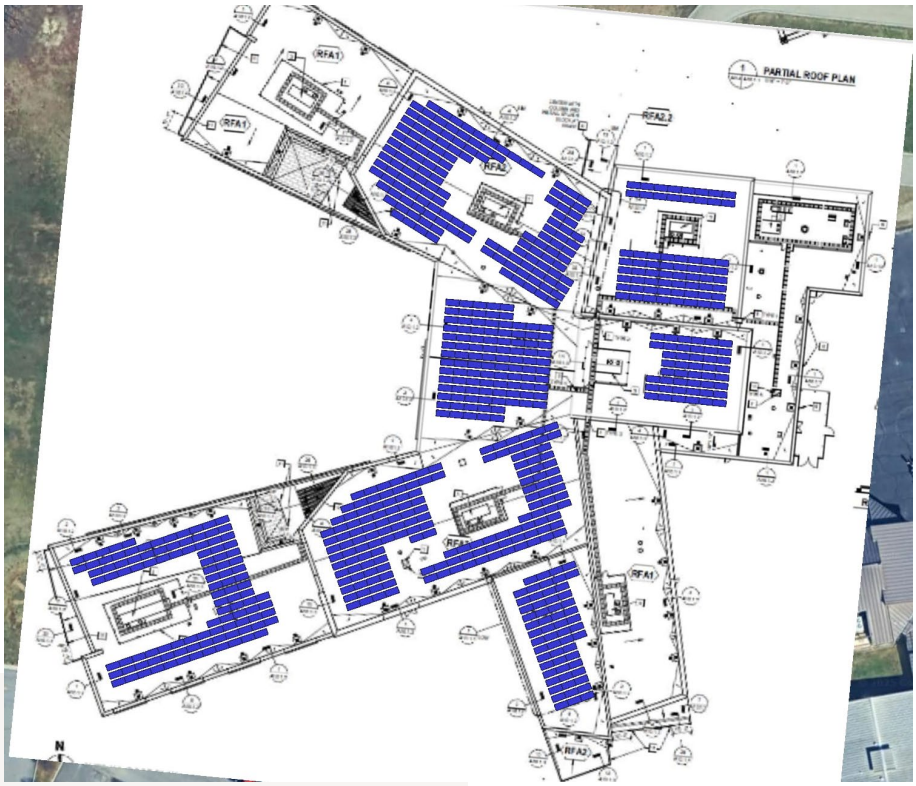
Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

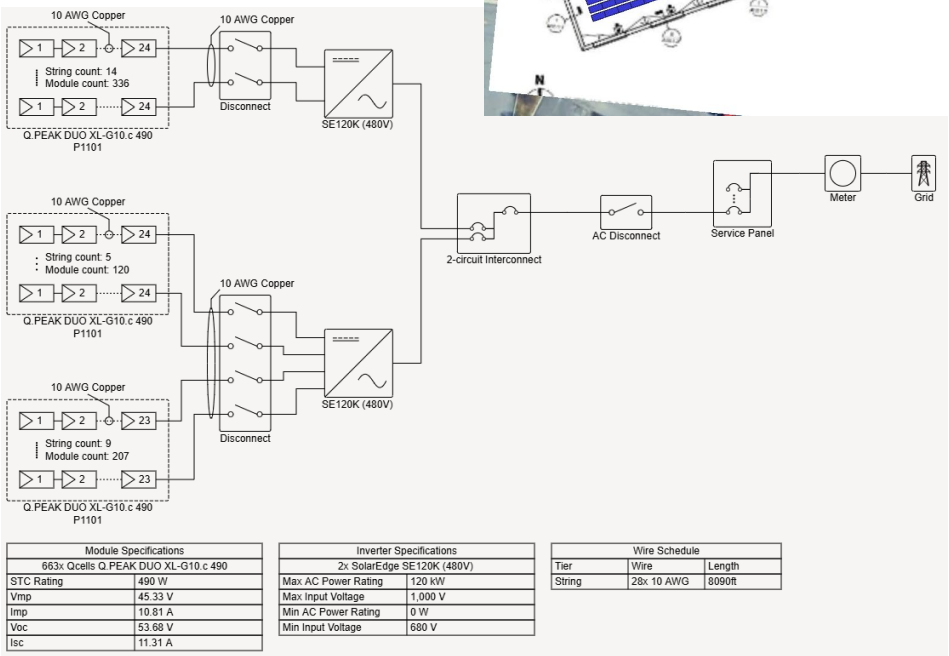
TAB 7
CONCEPTUAL DRAWINGS

R.C. Longan Elementary School (Option 2)

System size:

325kWdc/240kWac





Module Specifications	
663x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
2x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	28x 10 AWG	8090ft

Under 250kW$_{ac}$; the project will be not subject to utility upgrades.

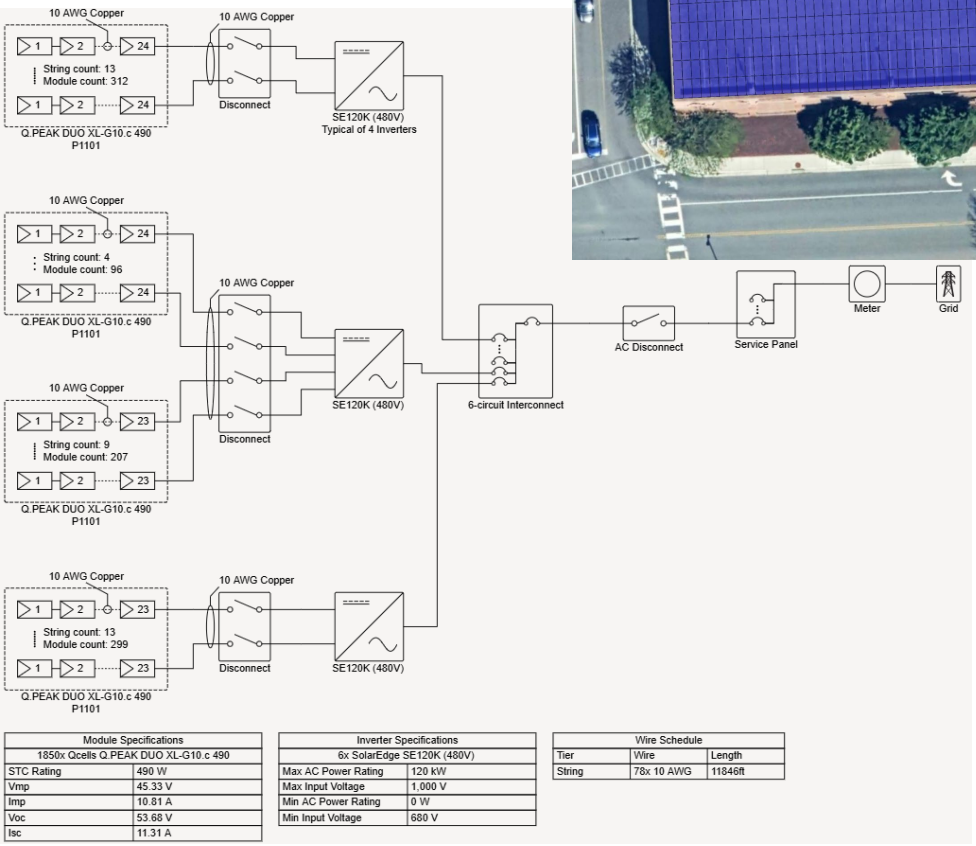
Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

TAB 7
CONCEPTUAL DRAWINGS

Western Government Center Parking Deck

System size:

906kWdc/720kWac



Module Specifications	
1850x Qcells Q.PEAK DUO XL-G10.c 490	
STC Rating	490 W
Vmp	45.33 V
Imp	10.81 A
Voc	53.68 V
Isc	11.31 A

Inverter Specifications	
6x SolarEdge SE120K (480V)	
Max AC Power Rating	120 kW
Max Input Voltage	1,000 V
Min AC Power Rating	0 W
Min Input Voltage	680 V

Wire Schedule		
Tier	Wire	Length
String	78x 10 AWG	11846ft

With a system size over 250kW$_{ac}$, the project will be subject to interconnections studies and may require utility upgrades. Impact to PPA rates for required upgrades are reflected on page 72.

Above depicts the preliminary/proposed site plan and one-line diagram for the array. Site plan, equipment, and design is subject to change during the engineering phase, but all changes will be presented to the County for approval.

TAB 8
PROJECT FINANCING

As a large, publicly-traded company, Dominion Energy adds considerable financial resources and stability to its projects which benefits its clients with **cost effectiveness and peace of mind** in our ability to execute. Dominion has an enterprise value of $86 billion and an investment grade credit rating of Baa2 from Moody's Credit Rating Agency. Additional financial information may be found in *Appendix B*.

Dominion's financial strength and access to funding enables Dominion Energy Solutions to submit this proposal with no need for project-level financing, Dominion will self-fund the project. The elimination of external financing increases **the speed of delivery** and **reduces project execution risk**.

TAB 9
PPA COST

Site	Capacity (kW)	Y1 Production (kWh)	1% Escalated Rate	Flat Rate
ACE	264	372,045	$0.104 /kWh	$0.113 /kWh
Jackson Davis (Max)	440	582,208	$0.112 /kWh	$0.122 /kWh
Jackson Davis (240kW$_{ac}$)	327	447,879	$0.107 /kWh	$0.117 /kWh
RC Longan (Max)	422	561,718	$0.109 /kWh	$0.119 /kWh
RC Longan (240kW$_{ac}$)	325	445,568	$0.107 /kWh	$0.117 /kWh
Virginia Randolph	327	411,768	$0.117 /kWh	$0.128 /kWh
Western Government Center	907	1,250,064	$0.168 /kWh	$0.183 /kWh

Assumptions

1. IRC §48 Federal Investment Tax Credit remains available
2. Environmental attributes accrue to Henrico County; Dominion offers a 1.9¢/kWh decrease on the above escalated rates or 2.1¢/kWh decrease on the flat rates were the environmental attributes to accrue to Dominion
3. No utility interconnection upgrades assumed (beyond power quality meter); for every $10,000 of interconnection upgrades incurred (in excess of $16,000), Dominion proposes a rate increase of 0.22¢.

ESCALATED RATES

Dominion Energy Solutions℠

TAB 9
PPA COST
ACE Center - 1% Escalator – RECs to Henrico

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$0.1040	1.00%	($38,693)	0.1100	3.00%	$40,925	$2,232	$2,232
2	369,999	0.55%	$0.1050	1.00%	($38,865)	0.1133	3.00%	$41,921	$3,056	$5,288
3	367,964	0.55%	$0.1061	1.00%	($39,037)	0.1167	3.00%	$42,941	$3,904	$9,192
4	365,940	0.55%	$0.1072	1.00%	($39,211)	0.1202	3.00%	$43,986	$4,775	$13,967
5	363,927	0.55%	$0.1082	1.00%	($39,385)	0.1238	3.00%	$45,056	$5,671	$19,638
6	361,926	0.55%	$0.1093	1.00%	($39,560)	0.1275	3.00%	$46,153	$6,593	$26,231
7	359,935	0.55%	$0.1104	1.00%	($39,736)	0.1313	3.00%	$47,276	$7,540	$33,771
8	357,955	0.55%	$0.1115	1.00%	($39,913)	0.1353	3.00%	$48,426	$8,514	$42,284
9	355,987	0.55%	$0.1126	1.00%	($40,090)	0.1393	3.00%	$49,605	$9,515	$51,799
10	354,029	0.55%	$0.1137	1.00%	($40,268)	0.1435	3.00%	$50,812	$10,544	$62,342
11	352,082	0.55%	$0.1149	1.00%	($40,447)	0.1478	3.00%	$52,049	$11,601	$73,944
12	350,145	0.55%	$0.1160	1.00%	($40,627)	0.1523	3.00%	$53,315	$12,688	$86,631
13	348,219	0.55%	$0.1172	1.00%	($40,808)	0.1568	3.00%	$54,613	$13,805	$100,436
14	346,304	0.55%	$0.1184	1.00%	($40,989)	0.1615	3.00%	$55,942	$14,952	$115,389
15	344,400	0.55%	$0.1195	1.00%	($41,171)	0.1664	3.00%	$57,303	$16,132	$131,520
16	342,505	0.55%	$0.1207	1.00%	($41,354)	0.1714	3.00%	$58,697	$17,343	$148,863
17	340,622	0.55%	$0.1219	1.00%	($41,538)	0.1765	3.00%	$60,126	$18,588	$167,451
18	338,748	0.55%	$0.1232	1.00%	($41,723)	0.1818	3.00%	$61,589	$19,866	$187,317
19	336,885	0.55%	$0.1244	1.00%	($41,908)	0.1873	3.00%	$63,088	$21,179	$208,496
20	335,032	0.55%	$0.1256	1.00%	($42,095)	0.1929	3.00%	$64,623	$22,528	$231,025
21	333,189	0.55%	$0.1269	1.00%	($42,282)	0.1987	3.00%	$66,195	$23,914	$254,938
22	331,357	0.55%	$0.1282	1.00%	($42,470)	0.2046	3.00%	$67,806	$25,337	$280,275
23	329,534	0.55%	$0.1295	1.00%	($42,658)	0.2108	3.00%	$69,456	$26,798	$307,073
24	327,722	0.55%	$0.1307	1.00%	($42,848)	0.2171	3.00%	$71,147	$28,299	$335,372
25	325,920	0.55%	$0.1321	1.00%	($43,038)	0.2236	3.00%	$72,878	$29,840	$365,211
26	324,127	0.55%	$0.1334	1.00%	($43,230)	0.2303	3.00%	$74,651	$31,422	$396,633
27	322,344	0.55%	$0.1347	1.00%	($43,422)	0.2372	3.00%	$76,468	$33,046	$429,679
28	320,571	0.55%	$0.1361	1.00%	($43,615)	0.2443	3.00%	$78,329	$34,714	$464,393
29	318,808	0.55%	$0.1374	1.00%	($43,809)	0.2517	3.00%	$80,235	$36,426	$500,820
30	317,055	0.55%	$0.1388	1.00%	($44,004)	0.2592	3.00%	$82,188	$38,184	$539,004
31	315,311	0.55%	$0.1402	1.00%	($44,199)	0.2670	3.00%	$84,188	$39,989	$578,992
32	313,577	0.55%	$0.1416	1.00%	($44,396)	0.2750	3.00%	$86,236	$41,841	$620,833
33	311,852	0.55%	$0.1430	1.00%	($44,593)	0.2833	3.00%	$88,335	$43,742	$664,575
34	310,137	0.55%	$0.1444	1.00%	($44,791)	0.2918	3.00%	$90,485	$45,693	$710,269
35	308,431	0.55%	$0.1459	1.00%	($44,990)	0.3005	3.00%	$92,687	$47,696	$757,965
Total	11,874,585				($1,461,764)			$2,219,729	$757,965	

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1040
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$40,925	$1,385,927	$2,219,729
Total PPA Payments	($38,693)	($1,020,716)	($1,461,764)
Net Benefit	$2,232	$365,211	$757,965

TAB 9
PPA COST
Jackson Davis (Max) - 1% Escalator – RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$0.1120	1.00%	($65,207)	0.1100	3.00%	$64,043	($1,164)	($1,164)
2	579,006	0.55%	$0.1131	1.00%	($65,497)	0.1133	3.00%	$65,601	$104	($1,060)
3	575,821	0.55%	$0.1143	1.00%	($65,788)	0.1167	3.00%	$67,198	$1,409	$349
4	572,654	0.55%	$0.1154	1.00%	($66,081)	0.1202	3.00%	$68,833	$2,752	$3,102
5	569,505	0.55%	$0.1165	1.00%	($66,374)	0.1238	3.00%	$70,508	$4,134	$7,235
6	566,372	0.55%	$0.1177	1.00%	($66,669)	0.1275	3.00%	$72,224	$5,554	$12,790
7	563,257	0.55%	$0.1189	1.00%	($66,966)	0.1313	3.00%	$73,981	$7,016	$19,805
8	560,159	0.55%	$0.1201	1.00%	($67,263)	0.1353	3.00%	$75,782	$8,518	$28,324
9	557,079	0.55%	$0.1213	1.00%	($67,562)	0.1393	3.00%	$77,626	$10,063	$38,387
10	554,015	0.55%	$0.1225	1.00%	($67,863)	0.1435	3.00%	$79,515	$11,652	$50,039
11	550,968	0.55%	$0.1237	1.00%	($68,164)	0.1478	3.00%	$81,450	$13,286	$63,325
12	547,937	0.55%	$0.1250	1.00%	($68,467)	0.1523	3.00%	$83,432	$14,965	$78,290
13	544,924	0.55%	$0.1262	1.00%	($68,772)	0.1568	3.00%	$85,462	$16,691	$94,980
14	541,927	0.55%	$0.1275	1.00%	($69,077)	0.1615	3.00%	$87,542	$18,465	$113,445
15	538,946	0.55%	$0.1287	1.00%	($69,384)	0.1664	3.00%	$89,672	$20,288	$133,733
16	535,982	0.55%	$0.1300	1.00%	($69,693)	0.1714	3.00%	$91,855	$22,162	$155,895
17	533,034	0.55%	$0.1313	1.00%	($70,003)	0.1765	3.00%	$94,090	$24,087	$179,982
18	530,102	0.55%	$0.1326	1.00%	($70,314)	0.1818	3.00%	$96,380	$26,066	$206,047
19	527,187	0.55%	$0.1340	1.00%	($70,626)	0.1873	3.00%	$98,725	$28,099	$234,146
20	524,287	0.55%	$0.1353	1.00%	($70,940)	0.1929	3.00%	$101,127	$30,187	$264,333
21	521,403	0.55%	$0.1367	1.00%	($71,256)	0.1987	3.00%	$103,588	$32,333	$296,666
22	518,536	0.55%	$0.1380	1.00%	($71,572)	0.2046	3.00%	$106,109	$34,537	$331,203
23	515,684	0.55%	$0.1394	1.00%	($71,891)	0.2108	3.00%	$108,691	$36,801	$368,004
24	512,848	0.55%	$0.1408	1.00%	($72,210)	0.2171	3.00%	$111,336	$39,126	$407,130
25	510,027	0.55%	$0.1422	1.00%	($72,531)	0.2236	3.00%	$114,046	$41,515	$448,645
26	507,222	0.55%	$0.1436	1.00%	($72,853)	0.2303	3.00%	$116,821	$43,968	$492,612
27	504,432	0.55%	$0.1451	1.00%	($73,177)	0.2372	3.00%	$119,664	$46,487	$539,099
28	501,658	0.55%	$0.1465	1.00%	($73,503)	0.2443	3.00%	$122,576	$49,073	$588,172
29	498,899	0.55%	$0.1480	1.00%	($73,829)	0.2517	3.00%	$125,559	$51,730	$639,902
30	496,155	0.55%	$0.1495	1.00%	($74,157)	0.2592	3.00%	$128,614	$54,457	$694,358
31	493,426	0.55%	$0.1510	1.00%	($74,487)	0.2670	3.00%	$131,744	$57,257	$751,615
32	490,712	0.55%	$0.1525	1.00%	($74,818)	0.2750	3.00%	$134,950	$60,132	$811,747
33	488,013	0.55%	$0.1540	1.00%	($75,151)	0.2833	3.00%	$138,234	$63,083	$874,831
34	485,329	0.55%	$0.1555	1.00%	($75,485)	0.2918	3.00%	$141,598	$66,113	$940,944
35	482,660	0.55%	$0.1571	1.00%	($75,820)	0.3005	3.00%	$145,044	$69,224	$1,010,167
Total	18,582,370				($2,463,455)			$3,473,622	$1,010,167	

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1120
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$64,043	$2,168,818	$3,473,622
Total PPA Payments	($65,207)	($1,720,173)	($2,463,455)
Net Benefit	($1,164)	$448,645	$1,010,167

TAB 9
PPA COST

Jackson Davis (240kW$_{ac}$) - 1% Escalator – RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$0.1070	1.00%	($47,923)	0.1100	3.00%	$49,267	$1,344	$1,344
2	445,416	0.55%	$0.1081	1.00%	($48,136)	0.1133	3.00%	$50,466	$2,330	$3,673
3	442,966	0.55%	$0.1092	1.00%	($48,350)	0.1167	3.00%	$51,694	$3,344	$7,017
4	440,530	0.55%	$0.1102	1.00%	($48,565)	0.1202	3.00%	$52,952	$4,387	$11,403
5	438,107	0.55%	$0.1113	1.00%	($48,781)	0.1238	3.00%	$54,240	$5,459	$16,863
6	435,697	0.55%	$0.1125	1.00%	($48,998)	0.1275	3.00%	$55,560	$6,563	$23,425
7	433,301	0.55%	$0.1136	1.00%	($49,215)	0.1313	3.00%	$56,912	$7,697	$31,122
8	430,918	0.55%	$0.1147	1.00%	($49,434)	0.1353	3.00%	$58,297	$8,863	$39,985
9	428,548	0.55%	$0.1159	1.00%	($49,654)	0.1393	3.00%	$59,716	$10,062	$50,047
10	426,191	0.55%	$0.1170	1.00%	($49,875)	0.1435	3.00%	$61,169	$11,294	$61,341
11	423,847	0.55%	$0.1182	1.00%	($50,096)	0.1478	3.00%	$62,658	$12,561	$73,903
12	421,516	0.55%	$0.1194	1.00%	($50,319)	0.1523	3.00%	$64,182	$13,863	$87,766
13	419,197	0.55%	$0.1206	1.00%	($50,543)	0.1568	3.00%	$65,744	$15,202	$102,967
14	416,892	0.55%	$0.1218	1.00%	($50,767)	0.1615	3.00%	$67,344	$16,577	$119,544
15	414,599	0.55%	$0.1230	1.00%	($50,993)	0.1664	3.00%	$68,983	$17,990	$137,534
16	412,319	0.55%	$0.1242	1.00%	($51,220)	0.1714	3.00%	$70,662	$19,442	$156,976
17	410,051	0.55%	$0.1255	1.00%	($51,447)	0.1765	3.00%	$72,381	$20,934	$177,910
18	407,796	0.55%	$0.1267	1.00%	($51,676)	0.1818	3.00%	$74,143	$22,467	$200,376
19	405,553	0.55%	$0.1280	1.00%	($51,906)	0.1873	3.00%	$75,947	$24,041	$224,418
20	403,322	0.55%	$0.1293	1.00%	($52,137)	0.1929	3.00%	$77,795	$25,659	$250,076
21	401,104	0.55%	$0.1306	1.00%	($52,368)	0.1987	3.00%	$79,688	$27,320	$277,396
22	398,898	0.55%	$0.1319	1.00%	($52,601)	0.2046	3.00%	$81,627	$29,026	$306,422
23	396,704	0.55%	$0.1332	1.00%	($52,835)	0.2108	3.00%	$83,614	$30,779	$337,201
24	394,522	0.55%	$0.1345	1.00%	($53,070)	0.2171	3.00%	$85,649	$32,579	$369,780
25	392,352	0.55%	$0.1359	1.00%	($53,306)	0.2236	3.00%	$87,733	$34,427	$404,208
26	390,194	0.55%	$0.1372	1.00%	($53,543)	0.2303	3.00%	$89,868	$36,325	$440,533
27	388,048	0.55%	$0.1386	1.00%	($53,781)	0.2372	3.00%	$92,055	$38,274	$478,807
28	385,914	0.55%	$0.1400	1.00%	($54,020)	0.2443	3.00%	$94,295	$40,275	$519,082
29	383,791	0.55%	$0.1414	1.00%	($54,260)	0.2517	3.00%	$96,590	$42,330	$561,412
30	381,680	0.55%	$0.1428	1.00%	($54,501)	0.2592	3.00%	$98,940	$44,439	$605,851
31	379,581	0.55%	$0.1442	1.00%	($54,743)	0.2670	3.00%	$101,348	$46,605	$652,456
32	377,494	0.55%	$0.1457	1.00%	($54,986)	0.2750	3.00%	$103,814	$48,828	$701,283
33	375,417	0.55%	$0.1471	1.00%	($55,231)	0.2833	3.00%	$106,340	$51,109	$752,393
34	373,353	0.55%	$0.1486	1.00%	($55,476)	0.2918	3.00%	$108,928	$53,452	$805,845
35	371,299	0.55%	$0.1501	1.00%	($55,723)	0.3005	3.00%	$111,579	$55,856	$861,701
Total	14,294,995				($1,810,478)			$2,672,179	$861,701	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,267	$1,668,422	$2,672,179
Total PPA Payments	($47,923)	($1,264,215)	($1,810,478)
Net Benefit	$1,344	$404,208	$861,701

TAB 9
PPA COST
RC Longan (Max) – 1% Escalator – RECs to Henrico

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$0.1090	1.00%	($61,227)	0.1100	3.00%	$61,789	$562	$562
2	558,628	0.55%	$0.1101	1.00%	($61,499)	0.1133	3.00%	$63,293	$1,793	$2,355
3	555,556	0.55%	$0.1112	1.00%	($61,773)	0.1167	3.00%	$64,833	$3,060	$5,415
4	552,500	0.55%	$0.1123	1.00%	($62,047)	0.1202	3.00%	$66,411	$4,363	$9,778
5	549,461	0.55%	$0.1134	1.00%	($62,323)	0.1238	3.00%	$68,027	$5,703	$15,482
6	546,439	0.55%	$0.1146	1.00%	($62,600)	0.1275	3.00%	$69,682	$7,082	$22,564
7	543,434	0.55%	$0.1157	1.00%	($62,878)	0.1313	3.00%	$71,378	$8,499	$31,063
8	540,445	0.55%	$0.1169	1.00%	($63,158)	0.1353	3.00%	$73,115	$9,957	$41,020
9	537,473	0.55%	$0.1180	1.00%	($63,439)	0.1393	3.00%	$74,894	$11,455	$52,475
10	534,517	0.55%	$0.1192	1.00%	($63,721)	0.1435	3.00%	$76,717	$12,996	$65,471
11	531,577	0.55%	$0.1204	1.00%	($64,004)	0.1478	3.00%	$78,583	$14,580	$80,050
12	528,653	0.55%	$0.1216	1.00%	($64,288)	0.1523	3.00%	$80,496	$16,207	$96,258
13	525,745	0.55%	$0.1228	1.00%	($64,574)	0.1568	3.00%	$82,455	$17,880	$114,138
14	522,854	0.55%	$0.1241	1.00%	($64,861)	0.1615	3.00%	$84,461	$19,600	$133,738
15	519,978	0.55%	$0.1253	1.00%	($65,149)	0.1664	3.00%	$86,516	$21,367	$155,105
16	517,118	0.55%	$0.1265	1.00%	($65,439)	0.1714	3.00%	$88,622	$23,183	$178,288
17	514,274	0.55%	$0.1278	1.00%	($65,730)	0.1765	3.00%	$90,778	$25,049	$203,337
18	511,446	0.55%	$0.1291	1.00%	($66,022)	0.1818	3.00%	$92,988	$26,965	$230,302
19	508,633	0.55%	$0.1304	1.00%	($66,316)	0.1873	3.00%	$95,250	$28,935	$259,237
20	505,835	0.55%	$0.1317	1.00%	($66,610)	0.1929	3.00%	$97,568	$30,958	$290,195
21	503,053	0.55%	$0.1330	1.00%	($66,906)	0.1987	3.00%	$99,943	$33,036	$323,231
22	500,286	0.55%	$0.1343	1.00%	($67,204)	0.2046	3.00%	$102,375	$35,171	$358,402
23	497,535	0.55%	$0.1357	1.00%	($67,503)	0.2108	3.00%	$104,866	$37,364	$395,766
24	494,798	0.55%	$0.1370	1.00%	($67,803)	0.2171	3.00%	$107,418	$39,615	$435,381
25	492,077	0.55%	$0.1384	1.00%	($68,104)	0.2236	3.00%	$110,032	$41,928	$477,309
26	489,370	0.55%	$0.1398	1.00%	($68,407)	0.2303	3.00%	$112,710	$44,303	$521,612
27	486,679	0.55%	$0.1412	1.00%	($68,711)	0.2372	3.00%	$115,452	$46,742	$568,354
28	484,002	0.55%	$0.1426	1.00%	($69,016)	0.2443	3.00%	$118,262	$49,246	$617,600
29	481,340	0.55%	$0.1440	1.00%	($69,323)	0.2517	3.00%	$121,140	$51,817	$669,417
30	478,693	0.55%	$0.1455	1.00%	($69,631)	0.2592	3.00%	$124,088	$54,457	$723,873
31	476,060	0.55%	$0.1469	1.00%	($69,941)	0.2670	3.00%	$127,107	$57,167	$781,040
32	473,442	0.55%	$0.1484	1.00%	($70,251)	0.2750	3.00%	$130,201	$59,949	$840,989
33	470,838	0.55%	$0.1499	1.00%	($70,564)	0.2833	3.00%	$133,369	$62,805	$903,795
34	468,248	0.55%	$0.1514	1.00%	($70,877)	0.2918	3.00%	$136,615	$65,737	$969,532
35	465,673	0.55%	$0.1529	1.00%	($71,192)	0.3005	3.00%	$139,939	$68,747	$1,038,279
Total	17,928,378				($2,313,092)			$3,351,371	$1,038,279	

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1090
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$61,789	$2,092,488	$3,351,371
Total PPA Payments	($61,227)	($1,615,179)	($2,313,092)
Net Benefit	$562	$477,309	$1,038,279

TAB 9
PPA COST
RC Longan (240kW$_{ac}$) - 1% Escalator – RECs to Henrico

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$0.1070	1.00%	($47,676)	0.1100	3.00%	$49,012	$1,337	$1,337
2	443,117	0.55%	$0.1081	1.00%	($47,888)	0.1133	3.00%	$50,205	$2,318	$3,654
3	440,680	0.55%	$0.1092	1.00%	($48,101)	0.1167	3.00%	$51,427	$3,326	$6,981
4	438,256	0.55%	$0.1102	1.00%	($48,314)	0.1202	3.00%	$52,678	$4,364	$11,345
5	435,846	0.55%	$0.1113	1.00%	($48,529)	0.1238	3.00%	$53,960	$5,431	$16,776
6	433,449	0.55%	$0.1125	1.00%	($48,745)	0.1275	3.00%	$55,273	$6,529	$23,305
7	431,065	0.55%	$0.1136	1.00%	($48,961)	0.1313	3.00%	$56,619	$7,657	$30,962
8	428,694	0.55%	$0.1147	1.00%	($49,179)	0.1353	3.00%	$57,996	$8,817	$39,779
9	426,336	0.55%	$0.1159	1.00%	($49,398)	0.1393	3.00%	$59,408	$10,010	$49,789
10	423,991	0.55%	$0.1170	1.00%	($49,617)	0.1435	3.00%	$60,853	$11,236	$61,025
11	421,659	0.55%	$0.1182	1.00%	($49,838)	0.1478	3.00%	$62,334	$12,496	$73,521
12	419,340	0.55%	$0.1194	1.00%	($50,059)	0.1523	3.00%	$63,851	$13,792	$87,313
13	417,034	0.55%	$0.1206	1.00%	($50,282)	0.1568	3.00%	$65,405	$15,123	$102,436
14	414,740	0.55%	$0.1218	1.00%	($50,505)	0.1615	3.00%	$66,997	$16,491	$118,927
15	412,459	0.55%	$0.1230	1.00%	($50,730)	0.1664	3.00%	$68,627	$17,897	$136,824
16	410,191	0.55%	$0.1242	1.00%	($50,955)	0.1714	3.00%	$70,297	$19,342	$156,166
17	407,935	0.55%	$0.1255	1.00%	($51,182)	0.1765	3.00%	$72,008	$20,826	$176,992
18	405,691	0.55%	$0.1267	1.00%	($51,409)	0.1818	3.00%	$73,760	$22,351	$199,342
19	403,460	0.55%	$0.1280	1.00%	($51,638)	0.1873	3.00%	$75,555	$23,917	$223,259
20	401,241	0.55%	$0.1293	1.00%	($51,867)	0.1929	3.00%	$77,394	$25,526	$248,785
21	399,034	0.55%	$0.1306	1.00%	($52,098)	0.1987	3.00%	$79,277	$27,179	$275,964
22	396,839	0.55%	$0.1319	1.00%	($52,330)	0.2046	3.00%	$81,206	$28,877	$304,841
23	394,656	0.55%	$0.1332	1.00%	($52,562)	0.2108	3.00%	$83,182	$30,620	$335,461
24	392,486	0.55%	$0.1345	1.00%	($52,796)	0.2171	3.00%	$85,207	$32,411	$367,872
25	390,327	0.55%	$0.1359	1.00%	($53,030)	0.2236	3.00%	$87,280	$34,250	$402,121
26	388,180	0.55%	$0.1372	1.00%	($53,266)	0.2303	3.00%	$89,404	$36,138	$438,259
27	386,045	0.55%	$0.1386	1.00%	($53,503)	0.2372	3.00%	$91,580	$38,077	$476,336
28	383,922	0.55%	$0.1400	1.00%	($53,741)	0.2443	3.00%	$93,808	$40,067	$516,403
29	381,811	0.55%	$0.1414	1.00%	($53,980)	0.2517	3.00%	$96,091	$42,111	$558,515
30	379,711	0.55%	$0.1428	1.00%	($54,220)	0.2592	3.00%	$98,429	$44,210	$602,724
31	377,622	0.55%	$0.1442	1.00%	($54,461)	0.2670	3.00%	$100,825	$46,364	$649,089
32	375,545	0.55%	$0.1457	1.00%	($54,703)	0.2750	3.00%	$103,278	$48,576	$697,664
33	373,480	0.55%	$0.1471	1.00%	($54,946)	0.2833	3.00%	$105,792	$50,846	$748,510
34	371,426	0.55%	$0.1486	1.00%	($55,190)	0.2918	3.00%	$108,366	$53,176	$801,686
35	369,383	0.55%	$0.1501	1.00%	($55,435)	0.3005	3.00%	$111,003	$55,568	$857,253
Total	14,221,218				($1,801,134)			$2,658,387	$857,253	

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,012	$1,659,812	$2,658,387
Total PPA Payments	($47,676)	($1,257,690)	($1,801,134)
Net Benefit	$1,337	$402,121	$857,253

Dominion Energy Solutions®

TAB 9
PPA COST
Virginia Randolph Academy - 1% Escalator – RECs to Henrico

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$0.1170	1.00%	($48,177)	0.1100	3.00%	$45,294	($2,882)	($2,882)
2	409,503	0.55%	$0.1182	1.00%	($48,391)	0.1133	3.00%	$46,397	($1,994)	($4,877)
3	407,251	0.55%	$0.1194	1.00%	($48,606)	0.1167	3.00%	$47,526	($1,080)	($5,957)
4	405,011	0.55%	$0.1205	1.00%	($48,822)	0.1202	3.00%	$48,682	($140)	($6,097)
5	402,784	0.55%	$0.1218	1.00%	($49,039)	0.1238	3.00%	$49,867	$828	($5,269)
6	400,568	0.55%	$0.1230	1.00%	($49,257)	0.1275	3.00%	$51,081	$1,823	($3,446)
7	398,365	0.55%	$0.1242	1.00%	($49,476)	0.1313	3.00%	$52,324	$2,847	($598)
8	396,174	0.55%	$0.1254	1.00%	($49,696)	0.1353	3.00%	$53,597	$3,901	$3,303
9	393,995	0.55%	$0.1267	1.00%	($49,917)	0.1393	3.00%	$54,901	$4,984	$8,287
10	391,828	0.55%	$0.1280	1.00%	($50,139)	0.1435	3.00%	$56,237	$6,098	$14,385
11	389,673	0.55%	$0.1292	1.00%	($50,362)	0.1478	3.00%	$57,606	$7,244	$21,629
12	387,530	0.55%	$0.1305	1.00%	($50,586)	0.1523	3.00%	$59,008	$8,422	$30,051
13	385,399	0.55%	$0.1318	1.00%	($50,810)	0.1568	3.00%	$60,443	$9,633	$39,684
14	383,279	0.55%	$0.1332	1.00%	($51,036)	0.1615	3.00%	$61,914	$10,878	$50,563
15	381,171	0.55%	$0.1345	1.00%	($51,263)	0.1664	3.00%	$63,421	$12,158	$62,721
16	379,074	0.55%	$0.1358	1.00%	($51,491)	0.1714	3.00%	$64,964	$13,473	$76,194
17	376,989	0.55%	$0.1372	1.00%	($51,720)	0.1765	3.00%	$66,545	$14,825	$91,020
18	374,916	0.55%	$0.1386	1.00%	($51,950)	0.1818	3.00%	$68,165	$16,215	$107,234
19	372,854	0.55%	$0.1399	1.00%	($52,181)	0.1873	3.00%	$69,823	$17,643	$124,877
20	370,803	0.55%	$0.1413	1.00%	($52,413)	0.1929	3.00%	$71,523	$19,110	$143,987
21	368,764	0.55%	$0.1428	1.00%	($52,646)	0.1987	3.00%	$73,263	$20,618	$164,605
22	366,736	0.55%	$0.1442	1.00%	($52,880)	0.2046	3.00%	$75,046	$22,166	$186,771
23	364,719	0.55%	$0.1456	1.00%	($53,115)	0.2108	3.00%	$76,872	$23,758	$210,529
24	362,713	0.55%	$0.1471	1.00%	($53,351)	0.2171	3.00%	$78,743	$25,392	$235,921
25	360,718	0.55%	$0.1486	1.00%	($53,588)	0.2236	3.00%	$80,659	$27,071	$262,993
26	358,734	0.55%	$0.1500	1.00%	($53,826)	0.2303	3.00%	$82,622	$28,796	$291,788
27	356,761	0.55%	$0.1515	1.00%	($54,065)	0.2372	3.00%	$84,633	$30,567	$322,356
28	354,799	0.55%	$0.1531	1.00%	($54,306)	0.2443	3.00%	$86,692	$32,386	$354,742
29	352,847	0.55%	$0.1546	1.00%	($54,547)	0.2517	3.00%	$88,802	$34,255	$388,997
30	350,907	0.55%	$0.1561	1.00%	($54,789)	0.2592	3.00%	$90,963	$36,173	$425,170
31	348,977	0.55%	$0.1577	1.00%	($55,033)	0.2670	3.00%	$93,176	$38,143	$463,314
32	347,057	0.55%	$0.1593	1.00%	($55,278)	0.2750	3.00%	$95,444	$40,166	$503,480
33	345,148	0.55%	$0.1609	1.00%	($55,523)	0.2833	3.00%	$97,766	$42,243	$545,723
34	343,250	0.55%	$0.1625	1.00%	($55,770)	0.2918	3.00%	$100,146	$44,375	$590,098
35	341,362	0.55%	$0.1641	1.00%	($56,018)	0.3005	3.00%	$102,583	$46,565	$636,663
Total	13,142,426				($1,820,065)			$2,456,728	$636,663	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$45,294	$1,533,902	$2,456,728
Total PPA Payments	($48,177)	($1,270,909)	($1,820,065)
Net Benefit	($2,882)	$262,993	$636,663

TAB 9
PPA COST

Western Government Center - 1% Escalator – RECs to Henrico

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$0.1680	1.00%	($210,011)	0.1100	3.00%	$137,507	($72,504)	($72,504)
2	1,243,188	0.55%	$0.1697	1.00%	($210,944)	0.1133	3.00%	$140,853	($70,091)	($142,595)
3	1,236,351	0.55%	$0.1714	1.00%	($211,882)	0.1167	3.00%	$144,281	($67,601)	($210,196)
4	1,229,551	0.55%	$0.1731	1.00%	($212,824)	0.1202	3.00%	$147,792	($65,032)	($275,227)
5	1,222,788	0.55%	$0.1748	1.00%	($213,770)	0.1238	3.00%	$151,388	($62,381)	($337,608)
6	1,216,063	0.55%	$0.1766	1.00%	($214,720)	0.1275	3.00%	$155,073	($59,647)	($397,256)
7	1,209,374	0.55%	$0.1783	1.00%	($215,674)	0.1313	3.00%	$158,846	($56,828)	($454,084)
8	1,202,723	0.55%	$0.1801	1.00%	($216,633)	0.1353	3.00%	$162,712	($53,921)	($508,005)
9	1,196,108	0.55%	$0.1819	1.00%	($217,596)	0.1393	3.00%	$166,671	($50,925)	($558,930)
10	1,189,529	0.55%	$0.1837	1.00%	($218,563)	0.1435	3.00%	$170,727	($47,836)	($606,765)
11	1,182,987	0.55%	$0.1856	1.00%	($219,535)	0.1478	3.00%	$174,882	($44,653)	($651,418)
12	1,176,481	0.55%	$0.1874	1.00%	($220,510)	0.1523	3.00%	$179,138	($41,373)	($692,791)
13	1,170,010	0.55%	$0.1893	1.00%	($221,491)	0.1568	3.00%	$183,497	($37,994)	($730,784)
14	1,163,575	0.55%	$0.1912	1.00%	($222,475)	0.1615	3.00%	$187,962	($34,513)	($765,297)
15	1,157,175	0.55%	$0.1931	1.00%	($223,464)	0.1664	3.00%	$192,536	($30,928)	($796,225)
16	1,150,811	0.55%	$0.1950	1.00%	($224,457)	0.1714	3.00%	$197,222	($27,236)	($823,460)
17	1,144,481	0.55%	$0.1970	1.00%	($225,455)	0.1765	3.00%	$202,021	($23,434)	($846,894)
18	1,138,187	0.55%	$0.1990	1.00%	($226,457)	0.1818	3.00%	$206,937	($19,520)	($866,414)
19	1,131,927	0.55%	$0.2010	1.00%	($227,464)	0.1873	3.00%	$211,973	($15,491)	($881,904)
20	1,125,701	0.55%	$0.2030	1.00%	($228,475)	0.1929	3.00%	$217,132	($11,343)	($893,248)
21	1,119,510	0.55%	$0.2050	1.00%	($229,490)	0.1987	3.00%	$222,415	($7,075)	($900,323)
22	1,113,352	0.55%	$0.2070	1.00%	($230,511)	0.2046	3.00%	$227,828	($2,683)	($903,005)
23	1,107,229	0.55%	$0.2091	1.00%	($231,535)	0.2108	3.00%	$233,372	$1,837	($901,168)
24	1,101,139	0.55%	$0.2112	1.00%	($232,564)	0.2171	3.00%	$239,051	$6,487	($894,681)
25	1,095,083	0.55%	$0.2133	1.00%	($233,598)	0.2236	3.00%	$244,869	$11,271	($883,411)
26	1,089,060	0.55%	$0.2154	1.00%	($234,636)	0.2303	3.00%	$250,827	$16,191	($867,220)
27	1,083,070	0.55%	$0.2176	1.00%	($235,679)	0.2372	3.00%	$256,931	$21,252	($845,968)
28	1,077,113	0.55%	$0.2198	1.00%	($236,727)	0.2443	3.00%	$263,184	$26,457	($819,511)
29	1,071,189	0.55%	$0.2220	1.00%	($237,779)	0.2517	3.00%	$269,588	$31,809	($787,702)
30	1,065,298	0.55%	$0.2242	1.00%	($238,836)	0.2592	3.00%	$276,149	$37,313	($750,389)
31	1,059,438	0.55%	$0.2264	1.00%	($239,898)	0.2670	3.00%	$282,869	$42,971	($707,418)
32	1,053,611	0.55%	$0.2287	1.00%	($240,964)	0.2750	3.00%	$289,752	$48,788	($658,630)
33	1,047,817	0.55%	$0.2310	1.00%	($242,035)	0.2833	3.00%	$296,804	$54,768	($603,861)
34	1,042,054	0.55%	$0.2333	1.00%	($243,111)	0.2918	3.00%	$304,026	$60,915	($542,946)
35	1,036,322	0.55%	$0.2356	1.00%	($244,192)	0.3005	3.00%	$311,425	$67,233	($475,713)
Total	39,898,357				($7,933,955)			$7,458,242	($475,713)	

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1680
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$137,507	$4,656,686	$7,458,242
Total PPA Payments	($210,011)	($5,540,097)	($7,933,955)
Net Benefit	($72,504)	($883,411)	($475,713)

FLAT RATES

Dominion Energy Solutions℠

TAB 9
PPA COST
ACE Center – Flat Rate – RECs to Henrico

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$0.1130	0.00%	($42,041)	0.1100	3.00%	$40,925	($1,116)	($1,116)
2	369,999	0.55%	$0.1130	0.00%	($41,810)	0.1133	3.00%	$41,921	$111	($1,005)
3	367,964	0.55%	$0.1130	0.00%	($41,580)	0.1167	3.00%	$42,941	$1,361	$356
4	365,940	0.55%	$0.1130	0.00%	($41,351)	0.1202	3.00%	$43,986	$2,635	$2,991
5	363,927	0.55%	$0.1130	0.00%	($41,124)	0.1238	3.00%	$45,056	$3,933	$6,923
6	361,926	0.55%	$0.1130	0.00%	($40,898)	0.1275	3.00%	$46,153	$5,255	$12,179
7	359,935	0.55%	$0.1130	0.00%	($40,673)	0.1313	3.00%	$47,276	$6,603	$18,782
8	357,955	0.55%	$0.1130	0.00%	($40,449)	0.1353	3.00%	$48,426	$7,977	$26,759
9	355,987	0.55%	$0.1130	0.00%	($40,227)	0.1393	3.00%	$49,605	$9,378	$36,138
10	354,029	0.55%	$0.1130	0.00%	($40,005)	0.1435	3.00%	$50,812	$10,807	$46,944
11	352,082	0.55%	$0.1130	0.00%	($39,785)	0.1478	3.00%	$52,049	$12,263	$59,208
12	350,145	0.55%	$0.1130	0.00%	($39,566)	0.1523	3.00%	$53,315	$13,749	$72,956
13	348,219	0.55%	$0.1130	0.00%	($39,349)	0.1568	3.00%	$54,613	$15,264	$88,220
14	346,304	0.55%	$0.1130	0.00%	($39,132)	0.1615	3.00%	$55,942	$16,809	$105,029
15	344,400	0.55%	$0.1130	0.00%	($38,917)	0.1664	3.00%	$57,303	$18,386	$123,415
16	342,505	0.55%	$0.1130	0.00%	($38,703)	0.1714	3.00%	$58,697	$19,994	$143,409
17	340,622	0.55%	$0.1130	0.00%	($38,490)	0.1765	3.00%	$60,126	$21,636	$165,045
18	338,748	0.55%	$0.1130	0.00%	($38,279)	0.1818	3.00%	$61,589	$23,310	$188,355
19	336,885	0.55%	$0.1130	0.00%	($38,068)	0.1873	3.00%	$63,088	$25,020	$213,375
20	335,032	0.55%	$0.1130	0.00%	($37,859)	0.1929	3.00%	$64,623	$26,764	$240,139
21	333,189	0.55%	$0.1130	0.00%	($37,650)	0.1987	3.00%	$66,195	$28,545	$268,684
22	331,357	0.55%	$0.1130	0.00%	($37,443)	0.2046	3.00%	$67,806	$30,363	$299,047
23	329,534	0.55%	$0.1130	0.00%	($37,237)	0.2108	3.00%	$69,456	$32,219	$331,266
24	327,722	0.55%	$0.1130	0.00%	($37,033)	0.2171	3.00%	$71,147	$34,114	$365,380
25	325,920	0.55%	$0.1130	0.00%	($36,829)	0.2236	3.00%	$72,878	$36,049	$401,429
26	324,127	0.55%	$0.1130	0.00%	($36,626)	0.2303	3.00%	$74,651	$38,025	$439,454
27	322,344	0.55%	$0.1130	0.00%	($36,425)	0.2372	3.00%	$76,468	$40,043	$479,498
28	320,571	0.55%	$0.1130	0.00%	($36,225)	0.2443	3.00%	$78,329	$42,104	$521,602
29	318,808	0.55%	$0.1130	0.00%	($36,025)	0.2517	3.00%	$80,235	$44,210	$565,812
30	317,055	0.55%	$0.1130	0.00%	($35,827)	0.2592	3.00%	$82,188	$46,360	$612,172
31	315,311	0.55%	$0.1130	0.00%	($35,630)	0.2670	3.00%	$84,188	$48,558	$660,730
32	313,577	0.55%	$0.1130	0.00%	($35,434)	0.2750	3.00%	$86,236	$50,802	$711,532
33	311,852	0.55%	$0.1130	0.00%	($35,239)	0.2833	3.00%	$88,335	$53,096	$764,628
34	310,137	0.55%	$0.1130	0.00%	($35,045)	0.2918	3.00%	$90,485	$55,439	$820,067
35	308,431	0.55%	$0.1130	0.00%	($34,853)	0.3005	3.00%	$92,687	$57,834	$877,901
Total	11,874,585				($1,341,828)			$2,219,729	$877,901	

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1130
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$40,925	$1,385,927	$2,219,729
Total PPA Payments	($42,041)	($984,498)	($1,341,828)
Net Benefit	($1,116)	$401,429	$877,901

TAB 9
PPA COST
Jackson Davis (Max) - Flat Rate – RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$0.1220	0.00%	($71,029)	0.1100	3.00%	$64,043	($6,986)	($6,986)
2	579,006	0.55%	$0.1220	0.00%	($70,639)	0.1133	3.00%	$65,601	($5,037)	($12,024)
3	575,821	0.55%	$0.1220	0.00%	($70,250)	0.1167	3.00%	$67,198	($3,052)	($15,076)
4	572,654	0.55%	$0.1220	0.00%	($69,864)	0.1202	3.00%	$68,833	($1,031)	($16,107)
5	569,505	0.55%	$0.1220	0.00%	($69,480)	0.1238	3.00%	$70,508	$1,029	($15,079)
6	566,372	0.55%	$0.1220	0.00%	($69,097)	0.1275	3.00%	$72,224	$3,126	($11,952)
7	563,257	0.55%	$0.1220	0.00%	($68,717)	0.1313	3.00%	$73,981	$5,264	($6,688)
8	560,159	0.55%	$0.1220	0.00%	($68,339)	0.1353	3.00%	$75,782	$7,442	$754
9	557,079	0.55%	$0.1220	0.00%	($67,964)	0.1393	3.00%	$77,626	$9,662	$10,417
10	554,015	0.55%	$0.1220	0.00%	($67,590)	0.1435	3.00%	$79,515	$11,925	$22,342
11	550,968	0.55%	$0.1220	0.00%	($67,218)	0.1478	3.00%	$81,450	$14,232	$36,574
12	547,937	0.55%	$0.1220	0.00%	($66,848)	0.1523	3.00%	$83,432	$16,584	$53,158
13	544,924	0.55%	$0.1220	0.00%	($66,481)	0.1568	3.00%	$85,462	$18,982	$72,139
14	541,927	0.55%	$0.1220	0.00%	($66,115)	0.1615	3.00%	$87,542	$21,427	$93,566
15	538,946	0.55%	$0.1220	0.00%	($65,751)	0.1664	3.00%	$89,672	$23,921	$117,487
16	535,982	0.55%	$0.1220	0.00%	($65,390)	0.1714	3.00%	$91,855	$26,465	$143,952
17	533,034	0.55%	$0.1220	0.00%	($65,030)	0.1765	3.00%	$94,090	$29,060	$173,012
18	530,102	0.55%	$0.1220	0.00%	($64,672)	0.1818	3.00%	$96,380	$31,707	$204,719
19	527,187	0.55%	$0.1220	0.00%	($64,317)	0.1873	3.00%	$98,725	$34,408	$239,127
20	524,287	0.55%	$0.1220	0.00%	($63,963)	0.1929	3.00%	$101,127	$37,164	$276,292
21	521,403	0.55%	$0.1220	0.00%	($63,611)	0.1987	3.00%	$103,588	$39,977	$316,269
22	518,536	0.55%	$0.1220	0.00%	($63,261)	0.2046	3.00%	$106,109	$42,848	$359,117
23	515,684	0.55%	$0.1220	0.00%	($62,913)	0.2108	3.00%	$108,691	$45,778	$404,895
24	512,848	0.55%	$0.1220	0.00%	($62,567)	0.2171	3.00%	$111,336	$48,769	$453,664
25	510,027	0.55%	$0.1220	0.00%	($62,223)	0.2236	3.00%	$114,046	$51,822	$505,486
26	507,222	0.55%	$0.1220	0.00%	($61,881)	0.2303	3.00%	$116,821	$54,940	$560,426
27	504,432	0.55%	$0.1220	0.00%	($61,541)	0.2372	3.00%	$119,664	$58,123	$618,549
28	501,658	0.55%	$0.1220	0.00%	($61,202)	0.2443	3.00%	$122,576	$61,374	$679,923
29	498,899	0.55%	$0.1220	0.00%	($60,866)	0.2517	3.00%	$125,559	$64,693	$744,616
30	496,155	0.55%	$0.1220	0.00%	($60,531)	0.2592	3.00%	$128,614	$68,083	$812,700
31	493,426	0.55%	$0.1220	0.00%	($60,198)	0.2670	3.00%	$131,744	$71,546	$884,246
32	490,712	0.55%	$0.1220	0.00%	($59,867)	0.2750	3.00%	$134,950	$75,083	$959,329
33	488,013	0.55%	$0.1220	0.00%	($59,538)	0.2833	3.00%	$138,234	$78,697	$1,038,026
34	485,329	0.55%	$0.1220	0.00%	($59,210)	0.2918	3.00%	$141,598	$82,388	$1,120,414
35	482,660	0.55%	$0.1220	0.00%	($58,884)	0.3005	3.00%	$145,044	$86,159	$1,206,573
Total	18,582,370				($2,267,049)			$3,473,622	$1,206,573	

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1220
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$64,043	$2,168,818	$3,473,622
Total PPA Payments	($71,029)	($1,663,332)	($2,267,049)
Net Benefit	($6,986)	$505,486	$1,206,573

TAB 9
PPA COST

Jackson Davis (240kW$_{ac}$) - Flat Rate – RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$0.1170	0.00%	($52,402)	0.1100	3.00%	$49,267	($3,135)	($3,135)
2	445,416	0.55%	$0.1170	0.00%	($52,114)	0.1133	3.00%	$50,466	($1,648)	($4,783)
3	442,966	0.55%	$0.1170	0.00%	($51,827)	0.1167	3.00%	$51,694	($133)	($4,917)
4	440,530	0.55%	$0.1170	0.00%	($51,542)	0.1202	3.00%	$52,952	$1,410	($3,507)
5	438,107	0.55%	$0.1170	0.00%	($51,259)	0.1238	3.00%	$54,240	$2,982	($525)
6	435,697	0.55%	$0.1170	0.00%	($50,977)	0.1275	3.00%	$55,560	$4,584	$4,058
7	433,301	0.55%	$0.1170	0.00%	($50,696)	0.1313	3.00%	$56,912	$6,216	$10,275
8	430,918	0.55%	$0.1170	0.00%	($50,417)	0.1353	3.00%	$58,297	$7,880	$18,154
9	428,548	0.55%	$0.1170	0.00%	($50,140)	0.1393	3.00%	$59,716	$9,576	$27,730
10	426,191	0.55%	$0.1170	0.00%	($49,864)	0.1435	3.00%	$61,169	$11,305	$39,035
11	423,847	0.55%	$0.1170	0.00%	($49,590)	0.1478	3.00%	$62,658	$13,068	$52,102
12	421,516	0.55%	$0.1170	0.00%	($49,317)	0.1523	3.00%	$64,182	$14,865	$66,967
13	419,197	0.55%	$0.1170	0.00%	($49,046)	0.1568	3.00%	$65,744	$16,698	$83,666
14	416,892	0.55%	$0.1170	0.00%	($48,776)	0.1615	3.00%	$67,344	$18,568	$102,233
15	414,599	0.55%	$0.1170	0.00%	($48,508)	0.1664	3.00%	$68,983	$20,475	$122,708
16	412,319	0.55%	$0.1170	0.00%	($48,241)	0.1714	3.00%	$70,662	$22,420	$145,129
17	410,051	0.55%	$0.1170	0.00%	($47,976)	0.1765	3.00%	$72,381	$24,405	$169,534
18	407,796	0.55%	$0.1170	0.00%	($47,712)	0.1818	3.00%	$74,143	$26,431	$195,965
19	405,553	0.55%	$0.1170	0.00%	($47,450)	0.1873	3.00%	$75,947	$28,497	$224,462
20	403,322	0.55%	$0.1170	0.00%	($47,189)	0.1929	3.00%	$77,795	$30,606	$255,068
21	401,104	0.55%	$0.1170	0.00%	($46,929)	0.1987	3.00%	$79,688	$32,759	$287,827
22	398,898	0.55%	$0.1170	0.00%	($46,671)	0.2046	3.00%	$81,627	$34,956	$322,784
23	396,704	0.55%	$0.1170	0.00%	($46,414)	0.2108	3.00%	$83,614	$37,199	$359,983
24	394,522	0.55%	$0.1170	0.00%	($46,159)	0.2171	3.00%	$85,649	$39,489	$399,473
25	392,352	0.55%	$0.1170	0.00%	($45,905)	0.2236	3.00%	$87,733	$41,828	$441,300
26	390,194	0.55%	$0.1170	0.00%	($45,653)	0.2303	3.00%	$89,868	$44,215	$485,515
27	388,048	0.55%	$0.1170	0.00%	($45,402)	0.2372	3.00%	$92,055	$46,653	$532,168
28	385,914	0.55%	$0.1170	0.00%	($45,152)	0.2443	3.00%	$94,295	$49,143	$581,311
29	383,791	0.55%	$0.1170	0.00%	($44,904)	0.2517	3.00%	$96,590	$51,686	$632,997
30	381,680	0.55%	$0.1170	0.00%	($44,657)	0.2592	3.00%	$98,940	$54,283	$687,281
31	379,581	0.55%	$0.1170	0.00%	($44,411)	0.2670	3.00%	$101,348	$56,937	$744,217
32	377,494	0.55%	$0.1170	0.00%	($44,167)	0.2750	3.00%	$103,814	$59,647	$803,865
33	375,417	0.55%	$0.1170	0.00%	($43,924)	0.2833	3.00%	$106,340	$62,417	$866,281
34	373,353	0.55%	$0.1170	0.00%	($43,682)	0.2918	3.00%	$108,928	$65,246	$931,527
35	371,299	0.55%	$0.1170	0.00%	($43,442)	0.3005	3.00%	$111,579	$68,137	$999,664
Total	14,294,995				($1,672,514)			$2,672,179	$999,664	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,267	$1,668,422	$2,672,179
Total PPA Payments	($52,402)	($1,227,122)	($1,672,514)
Net Benefit	($3,135)	$441,300	$999,664

TAB 9
PPA COST
RC Longan (Max) – Flat Rate – RECs to Henrico

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$0.1190	0.00%	($66,844)	0.1100	3.00%	$61,789	($5,055)	($5,055)
2	558,628	0.55%	$0.1190	0.00%	($66,477)	0.1133	3.00%	$63,293	($3,184)	($8,240)
3	555,556	0.55%	$0.1190	0.00%	($66,111)	0.1167	3.00%	$64,833	($1,278)	($9,518)
4	552,500	0.55%	$0.1190	0.00%	($65,748)	0.1202	3.00%	$66,411	$663	($8,855)
5	549,461	0.55%	$0.1190	0.00%	($65,386)	0.1238	3.00%	$68,027	$2,641	($6,214)
6	546,439	0.55%	$0.1190	0.00%	($65,026)	0.1275	3.00%	$69,682	$4,656	($1,559)
7	543,434	0.55%	$0.1190	0.00%	($64,669)	0.1313	3.00%	$71,378	$6,709	$5,151
8	540,445	0.55%	$0.1190	0.00%	($64,313)	0.1353	3.00%	$73,115	$8,802	$13,952
9	537,473	0.55%	$0.1190	0.00%	($63,959)	0.1393	3.00%	$74,894	$10,935	$24,887
10	534,517	0.55%	$0.1190	0.00%	($63,607)	0.1435	3.00%	$76,717	$13,109	$37,996
11	531,577	0.55%	$0.1190	0.00%	($63,258)	0.1478	3.00%	$78,583	$15,326	$53,322
12	528,653	0.55%	$0.1190	0.00%	($62,910)	0.1523	3.00%	$80,496	$17,586	$70,908
13	525,745	0.55%	$0.1190	0.00%	($62,564)	0.1568	3.00%	$82,455	$19,891	$90,799
14	522,854	0.55%	$0.1190	0.00%	($62,220)	0.1615	3.00%	$84,461	$22,242	$113,040
15	519,978	0.55%	$0.1190	0.00%	($61,877)	0.1664	3.00%	$86,516	$24,639	$137,679
16	517,118	0.55%	$0.1190	0.00%	($61,537)	0.1714	3.00%	$88,622	$27,085	$164,764
17	514,274	0.55%	$0.1190	0.00%	($61,199)	0.1765	3.00%	$90,778	$29,580	$194,344
18	511,446	0.55%	$0.1190	0.00%	($60,862)	0.1818	3.00%	$92,988	$32,126	$226,470
19	508,633	0.55%	$0.1190	0.00%	($60,527)	0.1873	3.00%	$95,250	$34,723	$261,193
20	505,835	0.55%	$0.1190	0.00%	($60,194)	0.1929	3.00%	$97,568	$37,374	$298,567
21	503,053	0.55%	$0.1190	0.00%	($59,863)	0.1987	3.00%	$99,943	$40,079	$338,646
22	500,286	0.55%	$0.1190	0.00%	($59,534)	0.2046	3.00%	$102,375	$42,841	$381,487
23	497,535	0.55%	$0.1190	0.00%	($59,207)	0.2108	3.00%	$104,866	$45,659	$427,146
24	494,798	0.55%	$0.1190	0.00%	($58,881)	0.2171	3.00%	$107,418	$48,537	$475,683
25	492,077	0.55%	$0.1190	0.00%	($58,557)	0.2236	3.00%	$110,032	$51,475	$527,158
26	489,370	0.55%	$0.1190	0.00%	($58,235)	0.2303	3.00%	$112,710	$54,475	$581,633
27	486,679	0.55%	$0.1190	0.00%	($57,915)	0.2372	3.00%	$115,452	$57,538	$639,170
28	484,002	0.55%	$0.1190	0.00%	($57,596)	0.2443	3.00%	$118,262	$60,666	$699,836
29	481,340	0.55%	$0.1190	0.00%	($57,279)	0.2517	3.00%	$121,140	$63,860	$763,696
30	478,693	0.55%	$0.1190	0.00%	($56,964)	0.2592	3.00%	$124,088	$67,123	$830,820
31	476,060	0.55%	$0.1190	0.00%	($56,651)	0.2670	3.00%	$127,107	$70,456	$901,276
32	473,442	0.55%	$0.1190	0.00%	($56,340)	0.2750	3.00%	$130,201	$73,861	$975,137
33	470,838	0.55%	$0.1190	0.00%	($56,030)	0.2833	3.00%	$133,369	$77,339	$1,052,477
34	468,248	0.55%	$0.1190	0.00%	($55,722)	0.2918	3.00%	$136,615	$80,893	$1,133,370
35	465,673	0.55%	$0.1190	0.00%	($55,415)	0.3005	3.00%	$139,939	$84,524	$1,217,894
Total	17,928,378				($2,133,477)			$3,351,371	$1,217,894	

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1190
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$61,789	$2,092,488	$3,351,371
Total PPA Payments	($66,844)	($1,565,330)	($2,133,477)
Net Benefit	($5,055)	$527,158	$1,217,894

TAB 9
PPA COST
RC Longan (240kW$_{ac}$) - Flat Rate – RECs to Henrico

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$0.1170	0.00%	($52,131)	0.1100	3.00%	$49,012	($3,119)	($3,119)
2	443,117	0.55%	$0.1170	0.00%	($51,845)	0.1133	3.00%	$50,205	($1,640)	($4,759)
3	440,680	0.55%	$0.1170	0.00%	($51,560)	0.1167	3.00%	$51,427	($133)	($4,891)
4	438,256	0.55%	$0.1170	0.00%	($51,276)	0.1202	3.00%	$52,678	$1,402	($3,489)
5	435,846	0.55%	$0.1170	0.00%	($50,994)	0.1238	3.00%	$53,960	$2,966	($522)
6	433,449	0.55%	$0.1170	0.00%	($50,714)	0.1275	3.00%	$55,273	$4,560	$4,038
7	431,065	0.55%	$0.1170	0.00%	($50,435)	0.1313	3.00%	$56,619	$6,184	$10,222
8	428,694	0.55%	$0.1170	0.00%	($50,157)	0.1353	3.00%	$57,996	$7,839	$18,061
9	426,336	0.55%	$0.1170	0.00%	($49,881)	0.1393	3.00%	$59,408	$9,526	$27,587
10	423,991	0.55%	$0.1170	0.00%	($49,607)	0.1435	3.00%	$60,853	$11,246	$38,833
11	421,659	0.55%	$0.1170	0.00%	($49,334)	0.1478	3.00%	$62,334	$13,000	$51,833
12	419,340	0.55%	$0.1170	0.00%	($49,063)	0.1523	3.00%	$63,851	$14,788	$66,622
13	417,034	0.55%	$0.1170	0.00%	($48,793)	0.1568	3.00%	$65,405	$16,612	$83,234
14	414,740	0.55%	$0.1170	0.00%	($48,525)	0.1615	3.00%	$66,997	$18,472	$101,706
15	412,459	0.55%	$0.1170	0.00%	($48,258)	0.1664	3.00%	$68,627	$20,369	$122,075
16	410,191	0.55%	$0.1170	0.00%	($47,992)	0.1714	3.00%	$70,297	$22,305	$144,380
17	407,935	0.55%	$0.1170	0.00%	($47,728)	0.1765	3.00%	$72,008	$24,279	$168,659
18	405,691	0.55%	$0.1170	0.00%	($47,466)	0.1818	3.00%	$73,760	$26,294	$194,953
19	403,460	0.55%	$0.1170	0.00%	($47,205)	0.1873	3.00%	$75,555	$28,350	$223,303
20	401,241	0.55%	$0.1170	0.00%	($46,945)	0.1929	3.00%	$77,394	$30,448	$253,752
21	399,034	0.55%	$0.1170	0.00%	($46,687)	0.1987	3.00%	$79,277	$32,590	$286,342
22	396,839	0.55%	$0.1170	0.00%	($46,430)	0.2046	3.00%	$81,206	$34,776	$321,118
23	394,656	0.55%	$0.1170	0.00%	($46,175)	0.2108	3.00%	$83,182	$37,007	$358,125
24	392,486	0.55%	$0.1170	0.00%	($45,921)	0.2171	3.00%	$85,207	$39,286	$397,411
25	390,327	0.55%	$0.1170	0.00%	($45,668)	0.2236	3.00%	$87,280	$41,612	$439,023
26	388,180	0.55%	$0.1170	0.00%	($45,417)	0.2303	3.00%	$89,404	$43,987	$483,009
27	386,045	0.55%	$0.1170	0.00%	($45,167)	0.2372	3.00%	$91,580	$46,412	$529,422
28	383,922	0.55%	$0.1170	0.00%	($44,919)	0.2443	3.00%	$93,808	$48,889	$578,311
29	381,811	0.55%	$0.1170	0.00%	($44,672)	0.2517	3.00%	$96,091	$51,419	$629,730
30	379,711	0.55%	$0.1170	0.00%	($44,426)	0.2592	3.00%	$98,429	$54,003	$683,734
31	377,622	0.55%	$0.1170	0.00%	($44,182)	0.2670	3.00%	$100,825	$56,643	$740,377
32	375,545	0.55%	$0.1170	0.00%	($43,939)	0.2750	3.00%	$103,278	$59,339	$799,716
33	373,480	0.55%	$0.1170	0.00%	($43,697)	0.2833	3.00%	$105,792	$62,094	$861,810
34	371,426	0.55%	$0.1170	0.00%	($43,457)	0.2918	3.00%	$108,366	$64,909	$926,720
35	369,383	0.55%	$0.1170	0.00%	($43,218)	0.3005	3.00%	$111,003	$67,785	$994,505
Total	14,221,218				($1,663,882)			$2,658,387	$994,505	

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,012	$1,659,812	$2,658,387
Total PPA Payments	($52,131)	($1,220,789)	($1,663,882)
Net Benefit	($3,119)	$439,023	$994,505

TAB 9
PPA COST
Virginia Randolph Academy – Flat Rate – RECs to Henrico

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$0.1280	0.00%	($52,706)	0.1100	3.00%	$45,294	($7,412)	($7,412)
2	409,503	0.55%	$0.1280	0.00%	($52,416)	0.1133	3.00%	$46,397	($6,020)	($13,432)
3	407,251	0.55%	$0.1280	0.00%	($52,128)	0.1167	3.00%	$47,526	($4,602)	($18,034)
4	405,011	0.55%	$0.1280	0.00%	($51,841)	0.1202	3.00%	$48,682	($3,159)	($21,193)
5	402,784	0.55%	$0.1280	0.00%	($51,556)	0.1238	3.00%	$49,867	($1,689)	($22,882)
6	400,568	0.55%	$0.1280	0.00%	($51,273)	0.1275	3.00%	$51,081	($192)	($23,074)
7	398,365	0.55%	$0.1280	0.00%	($50,991)	0.1313	3.00%	$52,324	$1,333	($21,742)
8	396,174	0.55%	$0.1280	0.00%	($50,710)	0.1353	3.00%	$53,597	$2,887	($18,855)
9	393,995	0.55%	$0.1280	0.00%	($50,431)	0.1393	3.00%	$54,901	$4,470	($14,385)
10	391,828	0.55%	$0.1280	0.00%	($50,154)	0.1435	3.00%	$56,237	$6,083	($8,302)
11	389,673	0.55%	$0.1280	0.00%	($49,878)	0.1478	3.00%	$57,606	$7,728	($575)
12	387,530	0.55%	$0.1280	0.00%	($49,604)	0.1523	3.00%	$59,008	$9,404	$8,829
13	385,399	0.55%	$0.1280	0.00%	($49,331)	0.1568	3.00%	$60,443	$11,112	$19,942
14	383,279	0.55%	$0.1280	0.00%	($49,060)	0.1615	3.00%	$61,914	$12,855	$32,796
15	381,171	0.55%	$0.1280	0.00%	($48,790)	0.1664	3.00%	$63,421	$14,631	$47,427
16	379,074	0.55%	$0.1280	0.00%	($48,522)	0.1714	3.00%	$64,964	$16,443	$63,870
17	376,989	0.55%	$0.1280	0.00%	($48,255)	0.1765	3.00%	$66,545	$18,291	$82,161
18	374,916	0.55%	$0.1280	0.00%	($47,989)	0.1818	3.00%	$68,165	$20,175	$102,336
19	372,854	0.55%	$0.1280	0.00%	($47,725)	0.1873	3.00%	$69,823	$22,098	$124,435
20	370,803	0.55%	$0.1280	0.00%	($47,463)	0.1929	3.00%	$71,523	$24,060	$148,494
21	368,764	0.55%	$0.1280	0.00%	($47,202)	0.1987	3.00%	$73,263	$26,061	$174,556
22	366,736	0.55%	$0.1280	0.00%	($46,942)	0.2046	3.00%	$75,046	$28,104	$202,660
23	364,719	0.55%	$0.1280	0.00%	($46,684)	0.2108	3.00%	$76,872	$30,188	$232,848
24	362,713	0.55%	$0.1280	0.00%	($46,427)	0.2171	3.00%	$78,743	$32,316	$265,164
25	360,718	0.55%	$0.1280	0.00%	($46,172)	0.2236	3.00%	$80,659	$34,487	$299,651
26	358,734	0.55%	$0.1280	0.00%	($45,918)	0.2303	3.00%	$82,622	$36,704	$336,355
27	356,761	0.55%	$0.1280	0.00%	($45,665)	0.2372	3.00%	$84,633	$38,967	$375,322
28	354,799	0.55%	$0.1280	0.00%	($45,414)	0.2443	3.00%	$86,692	$41,278	$416,600
29	352,847	0.55%	$0.1280	0.00%	($45,164)	0.2517	3.00%	$88,802	$43,637	$460,237
30	350,907	0.55%	$0.1280	0.00%	($44,916)	0.2592	3.00%	$90,963	$46,047	$506,284
31	348,977	0.55%	$0.1280	0.00%	($44,669)	0.2670	3.00%	$93,176	$48,507	$554,791
32	347,057	0.55%	$0.1280	0.00%	($44,423)	0.2750	3.00%	$95,444	$51,020	$605,812
33	345,148	0.55%	$0.1280	0.00%	($44,179)	0.2833	3.00%	$97,766	$53,587	$659,399
34	343,250	0.55%	$0.1280	0.00%	($43,936)	0.2918	3.00%	$100,146	$56,210	$715,609
35	341,362	0.55%	$0.1280	0.00%	($43,694)	0.3005	3.00%	$102,583	$58,888	$774,497
Total	13,142,426				($1,682,230)			$2,456,728	$774,497	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1280
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$45,294	$1,533,902	$2,456,728
Total PPA Payments	($52,706)	($1,234,251)	($1,682,230)
Net Benefit	($7,412)	$299,651	$774,497

TAB 9
PPA COST
Western Government Center - Flat Rate – RECs to Henrico

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$0.1830	0.00%	($228,762)	0.1100	3.00%	$137,507	($91,255)	($91,255)
2	1,243,188	0.55%	$0.1830	0.00%	($227,503)	0.1133	3.00%	$140,853	($86,650)	($177,905)
3	1,236,351	0.55%	$0.1830	0.00%	($226,252)	0.1167	3.00%	$144,281	($81,971)	($259,876)
4	1,229,551	0.55%	$0.1830	0.00%	($225,008)	0.1202	3.00%	$147,792	($77,216)	($337,092)
5	1,222,788	0.55%	$0.1830	0.00%	($223,770)	0.1238	3.00%	$151,388	($72,382)	($409,474)
6	1,216,063	0.55%	$0.1830	0.00%	($222,539)	0.1275	3.00%	$155,073	($67,467)	($476,941)
7	1,209,374	0.55%	$0.1830	0.00%	($221,316)	0.1313	3.00%	$158,846	($62,469)	($539,410)
8	1,202,723	0.55%	$0.1830	0.00%	($220,098)	0.1353	3.00%	$162,712	($57,387)	($596,797)
9	1,196,108	0.55%	$0.1830	0.00%	($218,888)	0.1393	3.00%	$166,671	($52,216)	($649,013)
10	1,189,529	0.55%	$0.1830	0.00%	($217,684)	0.1435	3.00%	$170,727	($46,957)	($695,970)
11	1,182,987	0.55%	$0.1830	0.00%	($216,487)	0.1478	3.00%	$174,882	($41,605)	($737,574)
12	1,176,481	0.55%	$0.1830	0.00%	($215,296)	0.1523	3.00%	$179,138	($36,158)	($773,733)
13	1,170,010	0.55%	$0.1830	0.00%	($214,112)	0.1568	3.00%	$183,497	($30,615)	($804,347)
14	1,163,575	0.55%	$0.1830	0.00%	($212,934)	0.1615	3.00%	$187,962	($24,972)	($829,319)
15	1,157,175	0.55%	$0.1830	0.00%	($211,763)	0.1664	3.00%	$192,536	($19,227)	($848,546)
16	1,150,811	0.55%	$0.1830	0.00%	($210,598)	0.1714	3.00%	$197,222	($13,377)	($861,922)
17	1,144,481	0.55%	$0.1830	0.00%	($209,440)	0.1765	3.00%	$202,021	($7,419)	($869,341)
18	1,138,187	0.55%	$0.1830	0.00%	($208,288)	0.1818	3.00%	$206,937	($1,351)	($870,692)
19	1,131,927	0.55%	$0.1830	0.00%	($207,143)	0.1873	3.00%	$211,973	$4,831	($865,861)
20	1,125,701	0.55%	$0.1830	0.00%	($206,003)	0.1929	3.00%	$217,132	$11,128	($854,733)
21	1,119,510	0.55%	$0.1830	0.00%	($204,870)	0.1987	3.00%	$222,415	$17,545	($837,188)
22	1,113,352	0.55%	$0.1830	0.00%	($203,743)	0.2046	3.00%	$227,828	$24,084	($813,103)
23	1,107,229	0.55%	$0.1830	0.00%	($202,623)	0.2108	3.00%	$233,372	$30,749	($782,354)
24	1,101,139	0.55%	$0.1830	0.00%	($201,508)	0.2171	3.00%	$239,051	$37,543	($744,811)
25	1,095,083	0.55%	$0.1830	0.00%	($200,400)	0.2236	3.00%	$244,869	$44,468	($700,343)
26	1,089,060	0.55%	$0.1830	0.00%	($199,298)	0.2303	3.00%	$250,827	$51,529	($648,813)
27	1,083,070	0.55%	$0.1830	0.00%	($198,202)	0.2372	3.00%	$256,931	$58,730	($590,084)
28	1,077,113	0.55%	$0.1830	0.00%	($197,112)	0.2443	3.00%	$263,184	$66,072	($524,012)
29	1,071,189	0.55%	$0.1830	0.00%	($196,028)	0.2517	3.00%	$269,588	$73,561	($450,451)
30	1,065,298	0.55%	$0.1830	0.00%	($194,949)	0.2592	3.00%	$276,149	$81,199	($369,252)
31	1,059,438	0.55%	$0.1830	0.00%	($193,877)	0.2670	3.00%	$282,869	$88,992	($280,260)
32	1,053,611	0.55%	$0.1830	0.00%	($192,811)	0.2750	3.00%	$289,752	$96,942	($183,319)
33	1,047,817	0.55%	$0.1830	0.00%	($191,750)	0.2833	3.00%	$296,804	$105,053	($78,265)
34	1,042,054	0.55%	$0.1830	0.00%	($190,696)	0.2918	3.00%	$304,026	$113,330	$35,065
35	1,036,322	0.55%	$0.1830	0.00%	($189,647)	0.3005	3.00%	$311,425	$121,778	$156,843
Total	39,898,357				($7,301,399)			$7,458,242	$156,843	

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1830
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$137,507	$4,656,686	$7,458,242
Total PPA Payments	($228,762)	($5,357,029)	($7,301,399)
Net Benefit	($91,255)	($700,343)	$156,843

Dominion Energy Solutions®

TAB 9
PPA COST
Purchase Options/Termination Schedules – 1% Escalated Rate

Termination Fee ($/kWdc)* - 1% Escalation							
Year	ACE	Jackson Davis (240kWac)	Jackson Davis (Max)	RC Longan (240kWac)	RC Longan (Max)	Virginia Randolph	Western Government Center
1	$2,698	$2,703	$2,729	$2,705	$2,672	$2,717	$4,324
2	$2,543	$2,547	$2,572	$2,548	$2,518	$2,560	$4,067
3	$2,385	$2,388	$2,412	$2,389	$2,361	$2,400	$3,805
4	$2,225	$2,226	$2,249	$2,227	$2,202	$2,238	$3,538
5	$2,062	$2,061	$2,083	$2,063	$2,039	$2,072	$3,267
6	$1,895	$1,894	$1,914	$1,895	$1,874	$1,904	$2,991
7	$1,850	$1,848	$1,867	$1,849	$1,829	$1,858	$2,919
8	$1,800	$1,799	$1,818	$1,800	$1,780	$1,808	$2,842
9	$1,747	$1,746	$1,764	$1,747	$1,728	$1,755	$2,758
10	$1,691	$1,689	$1,707	$1,690	$1,671	$1,698	$2,668
11	$1,630	$1,628	$1,645	$1,629	$1,611	$1,637	$2,572
12	$1,564	$1,562	$1,579	$1,564	$1,546	$1,571	$2,468
13	$1,494	$1,492	$1,508	$1,493	$1,477	$1,500	$2,358
14	$1,419	$1,417	$1,432	$1,418	$1,403	$1,425	$2,239
15	$1,338	$1,337	$1,351	$1,338	$1,323	$1,344	$2,112
16	$1,252	$1,251	$1,264	$1,252	$1,238	$1,258	$1,976
17	$1,160	$1,159	$1,171	$1,160	$1,147	$1,165	$1,831
18	$1,062	$1,061	$1,072	$1,062	$1,050	$1,067	$1,676
19	$957	$956	$966	$957	$946	$961	$1,510
20	$845	$844	$853	$845	$836	$849	$1,334
21	$726	$725	$733	$725	$717	$729	$1,145
22	$598	$598	$604	$598	$592	$601	$944
23	$463	$462	$467	$463	$457	$465	$730
24	$318	$318	$321	$318	$314	$319	$502
25	$164	$164	$166	$164	$162	$165	$259
Purchase Option ($/kWdc)* - 1% Escalation							
7	$1,570	$1,589	$1,600	$1,590	$1,564	$1,597	$2,647
25	$83	$84	$84	$84	$82	$84	$139

* Termination Fee & Purchase Option based on designed capacity prior to the Commercial Operations Date, and installed capacity thereafter (kWdc). Year 1 included the period from the Effective Date through the first anniversary of the Commercial Operation Date.

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TAB 9
PPA COST
Purchase Options/Termination Schedules – Flat Rate

Termination Fee ($/kWdc)* - Flat Rate							
Year	ACE	Jackson Davis (240kWac)	Jackson Davis (Max)	RC Longan (240kWac)	RC Longan (Max)	Virginia Randolph	Western Government Center
1	$2,683	$2,702	$2,720	$2,703	$2,667	$2,717	$4,309
2	$2,514	$2,531	$2,548	$2,532	$2,498	$2,545	$4,029
3	$2,343	$2,358	$2,374	$2,359	$2,328	$2,371	$3,745
4	$2,169	$2,183	$2,198	$2,184	$2,156	$2,195	$3,458
5	$1,994	$2,006	$2,019	$2,007	$1,981	$2,017	$3,168
6	$1,817	$1,827	$1,839	$1,828	$1,805	$1,837	$2,875
7	$1,761	$1,771	$1,782	$1,772	$1,749	$1,781	$2,786
8	$1,703	$1,712	$1,723	$1,713	$1,691	$1,722	$2,694
9	$1,642	$1,651	$1,662	$1,652	$1,631	$1,660	$2,598
10	$1,578	$1,586	$1,597	$1,588	$1,568	$1,596	$2,497
11	$1,511	$1,519	$1,530	$1,520	$1,501	$1,528	$2,391
12	$1,441	$1,449	$1,459	$1,450	$1,432	$1,457	$2,280
13	$1,368	$1,375	$1,385	$1,376	$1,359	$1,383	$2,165
14	$1,291	$1,298	$1,307	$1,299	$1,283	$1,306	$2,043
15	$1,211	$1,217	$1,225	$1,218	$1,203	$1,224	$1,915
16	$1,126	$1,132	$1,140	$1,133	$1,119	$1,139	$1,782
17	$1,037	$1,043	$1,050	$1,043	$1,030	$1,049	$1,641
18	$944	$949	$955	$950	$938	$954	$1,493
19	$846	$850	$856	$851	$840	$855	$1,338
20	$743	$747	$752	$747	$738	$751	$1,175
21	$634	$638	$642	$638	$630	$641	$1,004
22	$520	$523	$526	$523	$517	$526	$823
23	$400	$402	$405	$402	$397	$405	$633
24	$274	$275	$277	$275	$272	$277	$433
25	$140	$141	$142	$141	$139	$142	$222
Purchase Option ($/kWdc)* - Flat Rate							
7	$1,570	$1,589	$1,600	$1,590	$1,564	$1,597	$2,647
25	$83	$84	$84	$84	$82	$84	$139

* Termination Fee & Purchase Option based on designed capacity prior to the Commercial Operations Date, and installed capacity thereafter (kWdc). Year 1 included the period from the Effective Date through the first anniversary of the Commercial Operation Date.

TAB 9
PPA COST
FUTURE FACILITIES PPA RATES

Capacity	1% Escalated Rate	Flat Rate
<100 kW_{dc}	$0.133 /kWh	$0.145 /kWh
100-250 kW_{dc}	$0.124 /kWh	$0.135 /kWh
251-500 kW_{dc}	$0.119 /kWh	$0.130 /kWh
501-715 kW_{dc}	$0.113 /kWh	$0.123 /kWh
716-1000 kW_{dc}	$0.110 /kWh	$0.120 /kWh
>1000 kW_{dc}	$0.107 /kWh	$0.117 /kWh

Assumptions

1. IRC §48 Federal Investment Tax Credit remains available
2. Environmental attributes accrue to Henrico County; Dominion offers a 1.9¢/kWh decrease on the above escalated rates or 2.1¢/kWh decrease on the flat rates were the environmental attributes to accrue to Dominion
3. No utility interconnection upgrades assumed; for every $10,000 of interconnection upgrades incurred, Dominion proposes a rate increase as follows:
   - systems 251 – 500 kW_{dc} : 0.22¢ increase per $10K
   - systems 501 – 715 kW_{dc} : 0.11¢ increase per $10K
   - systems 716 – 1000 kW_{dc} : 0.08¢ increase per $10K
   - systems over 1000 kW_{dc} : 0.05¢ increase per $10K
4. Notwithstanding adjustments in 2 and 3 above, rates represent a ceiling assuming conservative solar production; Dominion would lower the rates for every 100 kWh production per kW_{dc} above 1,200 by 1¢/kWh
5. Above pricing for rooftop projects only; Dominion can offer bespoke pricing for canopy and ground-mount projects with a not-to-exceed rate of $0.219 for canopy and $0.189 for ground-mounts subject to the above adjustments in 2 and 3 above

TAB 10
SOLAR PPA AND LEASE AGREEMENT

Dominion Energy Solutions looks forward to the opportunity to continue supporting the County of Henrico with the advancement of clean energy through solar PPAs. As part of our response, we recommend utilizing the previously executed PPA between Dominion Energy Solutions and the County for the Springfield Landfill. By leveraging this existing form of agreement, the parties can move more quickly to the project development phase. The only adjustments requested are to change the real property lease to a site license, as reflected in Article 5 of the PPA as well as removing references to the landfill's DEQ Solid Waste Permit. The conversion to a license has been preferred by Dominion Energy Solutions clients recently as it requires no third-party recorded leasehold interest in the real property, which is beneficial to clients.

SOLAR POWER PURCHASE AGREEMENT

This SOLAR POWER PURCHASE AGREEMENT is entered into as of [_____] (hereinafter "Effective Date") by and among DE Henrico Solar, LLC., organized under the laws of the Commonwealth of Virginia (hereinafter "Generator"), and the County of Henrico, Virginia ("Customer"). Generator and Customer may hereinafter be referred to individually as a "Party," and collectively as the "Parties."

RECITALS

WHEREAS, Customer operates governmental facilities, and uses electricity in the conduct of its operations;

WHEREAS, Generator is in the business of designing, developing, installing, owning and maintaining solar photovoltaic (PV) electric generation systems (hereinafter "System"), and selling the electricity generated by such Systems;

WHEREAS, the County of Henrico, Virginia (the "County") issued a Request for Proposals 25-2798-1JEC dated January 17, 2025 (the "RFP") for Solar Power Purchase Agreement Services, pursuant to which it requested proposals for third parties to install, own and operate an solar photovoltaic (PV) electricity generating system at the Customer's facility located in Virginia, and to sell the electricity generated by such system to the Customer for use in such facilities;

WHEREAS, as authorized by Virginia Code § 2.2-4304, the RFP contained cooperative procurement language that authorizes other public bodies to cooperatively utilize this Agreement;

WHEREAS, Generator is in the business of designing, developing, installing, owning and maintaining solar photovoltaic (PV) electric generation systems (hereinafter, the "System"), and selling the electricity generated by such System;

WHEREAS, Generator submitted its proposal, dated February 19th, 2025 (the "Proposal"), in response to the RFP, which is incorporated by reference;

WHEREAS, the County selected Generator to provide the goods and services described in the RFP.

AGREEMENT

NOW, THEREFORE, and in consideration of mutual premises and covenants set forth in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which is acknowledged, the Parties hereby agree as follows:

ARTICLE I. DEFINITIONS AND INTERPRETATION

Section 1.1 Definitions. The following terms, when capitalized, shall have the meanings indicated in this Section 1.1 when used in this Agreement, including in any recital, schedule, exhibit or appendix hereto.

"Agreement" means this Solar Power Purchase Agreement, including all terms and conditions, exhibits, appendices and schedules that have been executed and are attached hereto.

"Business Day" means any day other than Saturday, Sunday, or a day that is observed by Customer as a holiday.

"Change in Law/Regulation" means that, after the Effective Date, an applicable law or regulation is amended, suspended, nullified, modified, found unlawful or changed in any material respect.

"Commercial Operation Date" (COD) means the date on which the parties have signed a certificate of final completion as provided in Section 6.14.

"Construction Period" means the period commencing on the date Customer provides a Notice to Proceed with Construction and ending on the Commercial Operation Date.

"Default" means any event or circumstance which, would constitute an Event of Default under Article XVI.

"Development Tasks" has the meaning established in Section 4.1.1.

"Dispute" has the meaning established under Article XXII.

"Effective Date" means the date that is first shown in the preamble to this Agreement.

"Electricity" means the net amount electrical energy generated by one or more Systems to be delivered to Customer.

"Environmental Attributes" means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the System, the production of electrical energy from the System and its displacement of conventional energy generation, including (a) any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO) and other pollutants; (b) any avoided emissions of carbon dioxide (CO2), methane (CH4), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere; (c) the reporting rights related to these avoided emissions, such as Green Tag Reporting Rights and Renewable Energy Credits. Green Tag Reporting Rights are the right of a party to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party, and include Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Environmental Attributes do not include Environmental Incentives and Tax Benefits. Without limiting the generality of the foregoing, Environmental Attributes include carbon trading credits, renewable energy credits or certificates, emissions reduction credits, emissions allowances, green tags tradable renewable credits and Green-e® products.

"Environmental Incentives" means any and all subsidies, payments, rebates, credits or other incentives that relate to the self-generation of Electricity the use of technology incorporated into the System and other similar programs available.

"Event of Default" has the meaning established in Article XVI.

"Existing Electrical System" means the Customer's existing electrical systems at the Premises, excluding any components owned by VEPCO.

"Fair Market Value" is the amount that would be paid in an arm's length, free market transaction, for cash, between an informed, willing seller and an informed willing buyer, neither of whom is under compulsion to complete the transaction, taking into account, among other things, the age, condition and performance of the System and advances in solar technology.

"Final Design" means the Initial Design, including any modifications or changes (if any) that is satisfactory to both Parties.

"Force Majeure Event" has the meaning established in Section 18.1.

"Initial Design" has the meaning established in Section 4.1.2.

"Initial Term" has the meaning established in Section 3.1.

"kWh" means kilowatt hour of Electricity.

"Lender" or "Lenders" means the commercial entities, banks, financial institutions, suppliers offering payment terms for a System or other investors providing debt or equity for a System.

"Meter" means the standard instrument(s) and equipment installed at the Site by Generator as part of the System to be used to measure and record the Output delivered to Customer.

"Metering Device" has the meaning established in Section 8.3.

"MWh" means megawatt-hour.

"Notice to Proceed with Construction" means the written notice described in Section 4.3.

"Notice to Proceed with Design" means the written notice described in Section 4.1.1.

"Output" means the Electricity produced by the System delivered by Generator to Customer.

"Person" means any individual, corporation, partnership, limited liability company, joint venture, trust, unincorporated organization, estate, governmental authority or agency.

"PPA Pilot Requirements" means the requirements imposed on either Customer or Generator, or both, set forth in (i) Chapter 382 of the 2013 Virginia Acts of Assembly that created Virginia's solar power purchase agreement pilot program (including any successor legislation), (ii) the Virginia State Corporation Commission's guidelines, as they may be updated from time to time (the guidelines were last updated on May 29, 2020 in PUE-2013-00045), and (iii) the amended and restated agreement for the provision of electric service to municipalities and counties of the Commonwealth of Virginia between VEPCO and VEPGA, as it may be amended from time to time. For any public body that obtains its electrical service from an entity other than VEPCO, "PPA Pilot Requirements" means any similar requirements applicable to that other entity.

"Premises" means Customer's property, as described in Schedule B.

"Project Schedule" means the mutually agreed schedule pursuant to which Generator will

complete the tasks required by the Agreement related to a System as described in Section 4.1.6.

"Renewal Period" has the meaning established in Schedule A.

"Site" means the area(s) on the Premises on which Generator will install the System. Once the Final Design is completed, Schedule B will be updated as necessary.

"Site Meteorological Adjustment Factor" The annual temperature-corrected performance factor between 0% and 100%, as measured at the Site, equal to the ratio of the annual sum of the hourly Output under the annual sum, excluding any hours or partial hours the host utility is offline, of the Temperature-Corrected Theoretical AC Energy generation (kWh) and derived by application of the method defined by equation (9), Section 5 - Determine Corrected Measured PR within NREL's technical report: 'Weather Corrected Performance Ratio' NREL/TP-5200-57991, dated April 2013.

"System" means the photovoltaic (PV) solar modules, DC/AC inverters, Meters, tools, wiring, facilities, materials, equipment and any other property now or hereafter installed, operated, controlled or owned by Generator for the purpose of, or useful to, the delivery of Electricity to Customer. Each System is described more particularly in Schedule A. For the avoidance of doubt, the System specifically excludes any part of the Existing Electrical System.

"Taxes" means any federal, state and local ad valorem, property, occupation, generation, sales, use, consumption, excise, regulatory fees, surcharges or other similar charges, but shall not include any income taxes or similar taxes imposed on Generator's revenues due to the sale of Electricity under this Agreement.

"Tax Benefits" means all tax credits, tax grants, tax deductions and other tax benefits available to taxpayers, including but not limited to any modifications or replacements to such tax credits, tax grants, tax deductions or tax benefits.

"Term" is the Initial Term established in Section 3.1 plus any applicable Renewal Periods.

"Termination Fee" means the fee listed in Schedule C.

"VEPCO" means Customer's incumbent electric utility provider, the Virginia Electric and Power Company, doing business as Dominion Energy Virginia.

"VEPGA" means the Virginia Energy Purchasing Governmental Association, a joint powers association that contracts with VEPCO on behalf of its government entity members, including the Customer.

"Weather Adjusted Output" means the Output multiplied by the Site Meteorological Adjustment Factor.

Section 1.2 Interpretation. In this Agreement, unless the context requires otherwise, words singular and plural in number shall be deemed to include the other and pronouns having masculine or feminine gender shall also be deemed to include the other; references to sections, regulations or statutes shall be construed to include all regulatory or statutory provisions succeeding, replacing, amending, or supplementing the section, regulation or statute; references to a Party to this Agreement include their successors and permitted assigns; references to a document or agreement, including this Agreement,

includes a reference to that document or agreement and all subsequent amendments and other modifications to such instruments.

ARTICLE II. PURCHASE AND SALE

Section 2.1 Purchase and Sale. Customer agrees to purchase from Generator, and Generator agrees to sell to Customer, all of the Electricity generated by the System(s) at the Electricity prices set forth in Schedule A and in accordance with the terms set forth in this Agreement including all appendices and schedules.

Section 2.2 Pricing and Escalation. Schedule A sets forth the price of Electricity for the first year of the applicable Term and an annual escalation rate. Upon each annual anniversary of the Commercial Operation Date of a System, the applicable Electricity price will increase by the annual escalation rate set forth in Schedule A.

ARTICLE III. TERM & RENEWAL PERIODS

Section 3.1 Term. This Agreement shall be effective as of the Effective Date and shall continue in effect for a period of thirty (30) years after the COD, unless terminated or renewed in accordance with the terms of the Agreement (the "Initial Term"). If Customer elects to renew the Agreement for a Renewal Period, the terms and conditions of this Agreement will continue to govern.

Section 3.2 Renewal Periods. Customer may elect to renew the Agreement for the Renewal Period set forth in Schedule A by providing written notice to Generator at least ninety (90) days in advance of the end of the applicable Initial Term or Renewal Period.

Section 3.3 Service Agreement. The Parties intend for this Agreement to be a "service contract" within the meaning of Section 7701(e) of the Internal Revenue Code.

ARTICLE IV. CONDITIONS TO OBLIGATIONS AND COMMENCEMENT

Section 4.1 System Conditions Precedent to Parties' Obligations. The Parties' obligations to purchase and sell electricity are conditioned upon the satisfaction of the conditions set forth below, unless waived by either Party and subject to the terms and conditions of the Agreement. The Parties shall use reasonable efforts to satisfy the following conditions.

Section 4.1.1 Development Tasks. Following receipt of a Notice to Proceed with Design (if applicable), Generator shall use commercially reasonable efforts to complete the following: (i) submit and pay for any zoning, land use and building permits or any other local approvals required to construct the System, and (ii) submit and pay for any agreements and approvals from the applicable utility and other authorities having jurisdiction necessary to interconnect the System to the utility's electric distribution system (the hereinafter "Development Tasks"). Effective at the Notice to Proceed with Design, Customer grants to Generator and to Generator's agents, employees and contractors an irrevocable non-exclusive license running with the Site for access to, on, over, under and across the Site for the purposes of performing all of Seller's obligations and enforcing all of Seller's rights set forth in this Article. Customer's execution of the Agreement will serve as its "Notice to Proceed with Design" unless stated otherwise on the signature page to this Agreement. Customer may later provide a Notice to Proceed with Design if, for example, at the time the Agreement is executed, the applicable Site is under construction or it is otherwise inconvenient for

the Development Tasks to proceed. If the Agreement calls for a separate later Notice to Proceed with Design, the parties will develop a schedule for Generator to perform the Development Tasks.

In the event that any of the permits, agreements or authorizations are required to be in the Customer's name, Customer agrees to take actions as Generator may reasonably require to apply for and obtain them, and Generator will reimburse Customer for its applicable actual costs.

Section 4.1.2 Initial Design. Upon completion of the Development Tasks, Generator shall deliver to Customer a design setting forth a general description of the System, including the site plan, system design, equipment specifications, equipment location, metering equipment, Site modifications (if necessary), and integration of the System with the building's existing fixtures and Existing Electrical System (hereinafter "Initial Design"). The Initial Design will be designed so that the System will not compromise the integrity of the landfill cap, and include a full engineering analysis approved by a licensed professional engineer.

Section 4.1.3 Modifications to the Initial Design. Customer shall have twenty (20) Business Days to review and request any modifications to the Initial Design. If Customer requests modifications to the Initial Design, Generator will modify the Initial Design to both Parties' satisfaction. Among other details, the Final Design will accurately identify the portions of the Premises that will comprise the Site, construction staging areas, routes of access for a given System. Upon Customer's written approval of any modifications, the Initial Design shall be deemed final and binding on both Parties and Schedule A and Schedule B will be updated accordingly (hereinafter "Final Design").

Section 4.1.4 Failure to Agree on the Final Design. Following good faith efforts, if the Customer and Generator are unable to agree on the Final Design within fifteen (15) Business Days after Generator provides a revision to the Initial Design that addresses Customer's comments, then either Party may terminate the Agreement by written notice to the other Party. If this Agreement is terminated, Customer shall reimburse the reasonable and necessary expenses incurred by the Generator to perform the Development Tasks.

Section 4.1.5 Due Diligence. Generator shall have had the opportunity to complete due diligence and physical inspection with respect to Customer and the Premises, including technical, legal and accounting reviews. Such due diligence shall also include visits by Generator to the Premises and other measures deemed reasonably necessary by Generator to perform its obligations contained herein. Generator must obtain Customer's prior consent before performing any due diligence that requires entry onto Customer's property.

Section 4.1.6 Project Schedule. Generator will update the sample project schedule included in its Proposal and prepare a proposed Project Schedule for Customer's review and approval (not to be unreasonably withheld).

Section 4.1.7 Prevention of Unauthorized Access. Prior to the Commercial Operation Date, Generator shall develop, implement and provide Customer with a copy of written policies, systems and practices to prevent unauthorized access to and trespass on the System and to prevent harm and damage to the System.

Section 4.2 Failure to Meet System Conditions Precedent. If Generator is unable to complete its due diligence and the Development Tasks set forth in this Article IV by the later of (a) four hundred fifty

(450) days after the date of the Agreement, or (b) one hundred and twenty (120) days of the Notice to Proceed with Design if applicable, then either Party shall have the option to terminate this Agreement upon forty-five (45) days written notice to the other Party without triggering the default provisions of this Agreement or any liability under this Agreement.

Section 4.3 Commencement of the Construction Period. Generator will notify Customer in writing when the conditions set forth in this Article IV have been satisfied and Customer will issue a notice to proceed with construction and installation promptly thereafter, unless the parties agree to delay the Construction Period ("Notice to Proceed with Construction"). The Construction Period associated with a System will commence on the date of the applicable Notice to Proceed with Construction. Generator will commence installation of the applicable System promptly thereafter and in accordance with the Project Schedule.

ARTICLE V. ACCESS RIGHTS

Section 5.1 Grant of License. Customer hereby grants to Generator, in accordance with the terms and conditions set forth herein, an irrevocable exclusive license (the "Site License") to access and use the Site during the Term for the installation, operation, maintenance, repair and, if necessary, replacement and decommissioning of the System, which System includes, without limitation, solar panels, solar canopy structures, electrical power inverters, interconnection equipment, electrical wiring, underground conduit, collection lines, wire management systems, charging stations, electric meters, metering, switch cabinets, power distribution boxes, and racking systems.

(a) In connection with Customer's grant of the license to Customer for the Site, Customer hereby grants to Generator, for a period co-terminus with this Agreement, the non-exclusive right to use portions of access drives, parking lots, and other areas of the Premises ("Facility Access"). Customer may change the Facility Access at any time with reasonable prior written notice to Generator, provided adequate access to the Site and adequate space for use of the Facility Access for the purposes set forth herein is available at all times during the Term. The Facility Access is provided for the purpose of accessing the Site for installation, operation, maintenance, repair (including replacement, if necessary) and decommissioning of the System and to locate any auxiliary equipment necessary to install, operate, maintain or repair the System on the Site and for the purposes of interconnecting the System with the Premises' mechanical and electrical systems. For avoidance of doubt, Customer acknowledges and agrees that Generator may use portions of the Facility Access to be mutually agreed upon by the Parties as a staging area during the periods that Generator is undertaking the installation and decommissioning of the System or any major repairs to the System. Generator shall not install any improvements within the Facility Access that would prevent access to or prevent use of the Premises, or prevent any holders of easements across the Premises or any governmental or public utility personnel (e.g., fire, police, public utility providers, etc.) or other similar parties from exercising their rights with respect to the Premises. Furthermore, Generator shall utilize the Facility Access in a manner as to not unreasonably interfere with the use of the Premises by Customer.

(b) Notwithstanding the foregoing, upon the expiration or earlier termination of this Agreement (unless Customer has executed its option to purchase the System in accordance with Section 17.1), Generator shall have the right to access the Site for the purpose of decommissioning and removing the System in accordance with Section 17.3, which work shall be completed within one hundred eighty (180) Business Days after the expiration or any earlier termination of this Agreement, as applicable. The provisions of this section will survive the expiration or termination of this Agreement.

(c) Customer acknowledges and agrees that, during the Term, Customer shall not use the Premises or, if there are any other occupants of the Premises, permit such occupants to use the Premises in a manner that would interfere with the installation, operation, maintenance, repair and decommissioning of the System or materially and adversely affect the System's exposure to sunlight.

Section 5.2 Access during Construction. At all times during the Construction Period, Customer shall provide Generator space on the Premises for Generator's construction and installation of the System, including staging and laydown areas. Generator shall consult with Customer in advance of the beginning of the Construction Period about the required laydown areas.

Section 5.2 Access Rights for Generator. At all times, Customer will grant to Generator the right to use the Site, and such other locations as may be reasonably required by Generator, to fulfill its obligations under this Agreement, including to develop, design, construct, install, operate, maintain, replace and repair the System.

Section 5.3 Omitted.

Section 5.4 Access by Customer to Site. The Parties acknowledge that Customer will continue have access to the Site at all times, provided Customer does not materially interfere with or obstruct the System as provided in this Agreement.

Section 5.5 Omitted.

Section 5.6 Internet Access. Customer shall make available to Generator during the Construction Period and the Initial Term (plus any Renewal Periods) internet access at the Site necessary for Generator's equipment to continuously monitor the System performance. Generator acknowledges that such internet access may experience occasional interruptions and Customer will not be responsible for any such outages. Generator shall comply with Customer's reasonable system information technology security measures, as they may be updated from time to time.

ARTICLE VI. CONSTRUCTION AND INSTALLATION OF SYSTEM

Section 6.1 Construction of System. During the Construction Period, Generator shall:

Section 6.1.1 install, construct, service, maintain and test each System consistent with requirements of this Agreement, in a good and workmanlike manner, in accordance with all applicable laws and regulations, and within the time provided by the Project Schedule; and

Section 6.1.2 obtain, the policies of insurance as set forth herein.

Section 6.2 Location of System(s). Each System shall be situated on the Site as described in Schedule B and in strict accordance with the applicable Final Design.

Section 6.3 Construction Schedule. Generator will give Customer at least fifteen (15) Business Days' notice prior to the commencement of construction, together with a proposed schedule for the Construction Period for Customer's review and approval. Generator will coordinate construction activities with Customer to minimize interference with normal operations at the Site. Generator will complete construction and place the System into service within the time provided in the Project Schedule.

Section 6.4 Customer Obligations. At all times through the Construction Period, Customer shall provide, at no cost to Generator, one or more temporary laydown areas, designated for Generator's

exclusive use for the storage of equipment, facilities and materials to be incorporated into the System, along with any construction, installation and testing equipment and materials to be used in the construction, installation and testing of the System. Schedule B will designate the approximate location of the temporary laydown areas. Generator shall consult with Customer in advance of the beginning of the Construction Period about the required use of portions of the Premises. Generator acknowledges that its use of such areas is at its own risk and that Customer will not be responsible for any damage or loss Generator sustains in connection with its use of such areas. Generator shall keep all temporary laydown areas clean and orderly and shall restore them to their original condition, except ordinary wear and tear.

Section 6.5 Construction Period Electricity. Upon notice from Generator during the Construction Period, Generator or its contractors may test the System and deliver all Output resulting from such testing during the Construction Period, and Customer shall accept delivery of all Output resulting from such testing but shall not be required to pay for such Output delivered during testing.

Section 6.6 Refuse. Generator will reduce or mitigate noise, dust, the spread of debris and construction materials during the Construction Period and while performing any maintenance and repairs after the Commercial Operation Date. Generator agrees to remove all debris, extra materials, scaffolding, tools, machinery and other construction materials and leave all portions of the Premises clean and ready for use.

Section 6.7 Damage to Site. Generator shall be responsible to repair and pay for any damage to all portions of Customer's property (including the existing landfill cap and landfill gas recovery system) that is caused by Generator's construction, installation, maintenance, operation or removal of theSystem.

Section 6.8 Hazardous Materials. In the event that Generator (or its contractors) discovers any hazardous materials (as such term is defined by applicable law) existing on the Site during the construction and installation of the System that Generator reasonably believes may require removal or remediation, or that otherwise impairs or prevents construction and installation of the System, Generator shall promptly notify Customer, and Generator shall, in its discretion, suspend construction of the System until such time as Customer has removed the hazardous substance and remediated the Site in accordance with applicable law and regulations. Generator shall have no responsibility or liability in respect of hazardous material existing at the Site (other than any hazardous materials brought to the Site by or on behalf of Generator). If Generator and Customer do not agree on a schedule and terms for resumption of construction within fifteen (15) Business Days following the discovery of such hazardous materials at the Site, then (a) each Party shall have the right to terminate the Agreement, and (b) Customer shall be obligated to reimburse Generator for all actual costs incurred by Generator through the termination date.

Section 6.9 Unanticipated Conditions. If any unusual or unanticipated conditions exist or arise at the Site, including but not limited to environmental conditions, pollution, or archeological findings, which conditions would involve the incurrence by Generator of any expenses to correct such conditions, Generator shall submit a request for approval of the corrective work and payment related to any expenses to Customer, or Customer may perform the corrective work with its own forces or contractors. The additional work resulting therefrom will be paid for by Customer. Customer may terminate the Agreement if it determines not to proceed with the cost of performing the corrective work, in which case Customer will reimburse Generator for its actual costs incurred through the termination date. Customer will not be responsible for such unusual or unanticipated conditions, which would have been anticipated by Generator when it completed due diligence pursuant to its obligations in Section 4.1.5.

Section 6.10 Safe Workplace. Generator (or its contractors) will take all reasonable and customary steps to ensure the safety of workers at the Premises in accordance with all applicable laws and regulations.

Section 6.11 Liens and Claims. Generator shall hold harmless Customer from all liens and claims filed or asserted by Generator's contractors or third parties claiming under Generator against Customer for services performed or material furnished to or by Generator by such third parties, and from all claims arising out of such liens. Generator shall, at no cost to Customer, promptly release, discharge or otherwise remove any such lien or claim by bonding, payment or otherwise and shall notify Customer of such discharge, release or removal. If Generator does not, within thirty (30) Business Days, cause any such lien or claim to be discharged, released or otherwise removed by payment or bonding or other method approved in advance by Customer, Customer shall have the right (but not the obligation) to pay all sums necessary to obtain releases and discharges (including the settlement of any lien or claim). In such event, Customer shall have the right to deduct all amounts so paid (plus reasonable attorney's fees) from amounts due Generator hereunder, alternatively, upon reasonable demand by Customer, Generator shall reimburse Customer for such amounts.

Section 6.12 Lenders. Generator shall notify Customer of the identity of any Lender or Lenders.

Section 6.13 Connection. Generator is responsible for establishing the interconnection of the System to the Existing Electrical System in accordance with the Final Design and is solely responsible for the interconnection equipment, maintenance, and repairs associated with such interconnection equipment in accordance with the terms and conditions of this Agreement; provided that Customer shall at all times own and be responsible for the operation and maintenance of the Existing Electrical System at and from the physical location where the System connects to the Existing Electrical System.

Section 6.14 Final Completion and Commercial Operation Date. Generator will notify Customer once Generator has installed and tested a System, the System is ready to deliver Output to Customer, and Generator has completed all applicable tasks required by this Agreement (such as Site cleanup, etc.). Within five (5) Business Days after receiving the notice, Customer will confirm whether all requirements of this Agreement have been satisfied with respect to a System. If all requirements have not been satisfied, Generator shall promptly correct any deficiencies. Once all requirements have been satisfied, the Parties will sign a certificate of final completion and the Commercial Operation Date will commence. If no notice is received by the Generator, Commercial Operation Date shall be the date the Generator first delivered notice of final completion to the Customer.

Section 6.15 Online Monitoring System. The Generator will provide the necessary software and hardware so that Customer and the general public may monitor the Electricity generated by the Systems. Generator will provide the necessary hosting services and access to a cloud-based system that Customer may access at any time. Generator will provide, host and operate a public-facing dashboard that may be accessed by a hyperlink Customer may place on its website.

ARTICLE VII. OWNERSHIP OF THE SYSTEM AND ATTRIBUTES

Section 7.1 System, Attributes and Incentives. Customer acknowledges and agrees that the System is the personal property of Generator, and Generator shall have and retain ownership and title to the System and all its components at all times during the Agreement's Initial Term and any Renewal Period and is entitled to all Tax Benefits. The Customer's purchase of Electricity under this Agreement does not include Environmental Attributes. Attributes of ownership and operation of the System are retained by the Generator.

ARTICLE VIII. INVOICING AND PAYMENT; METERING

Section 8.1 Invoices. The Customer will be invoiced electronically on the first (1st Business Day of each month for the total amount of Electricity delivered to the Customer's Site at the rates identified in Schedule A. Customer shall provide payment for Generator's monthly invoices by Automated Clearing House (ACH) or check within thirty (30) days of receipt of invoice.

Section 8.2 Late Payments. Late payments after thirty (30) days of an invoice shall accrue interest at a rate of one percent (1%) per month until the date payment is received by Generator.

Section 8.3 Installation and Ownership of Meter Equipment. Generator will install revenue grade metering equipment (hereinafter "Metering Device") to measure the amount of Electricity produced by each System. Generator will own and maintain any such Metering Device. Generator shall read each Metering Device at the end of each calendar month, and shall record the Output delivered to the Customer. The Metering Device shall be used as the basis for calculating the amounts to be invoiced pursuant to Section 8.1. The records from each Metering Device shall be made available to Customer upon written request. Customer may utilize such meter readings in administering its net metering or other interconnection arrangements with the applicable utility.

Section 8.4 Calibration.

Section 8.4.1 Generator shall perform calibration testing of each Metering Device prior to its installation and thereafter in accordance with the manufacturer's recommendations. Customer may request that Generator perform more frequent testing; any such testing in excess of the annual tests shall be at Customer's expense if such tests indicate that the Metering Device is accurate within plus or minus two percent (2%). Customer shall be entitled to witness such tests and shall be provided with such test results.

Section 8.4.2 If, upon testing, any Metering Device is found to be accurate or in error by not more than plus or minus two percent (2%), then the previous recordings of such Metering Device shall be considered accurate in computing deliveries of Output hereunder, but such Meter shall be promptly adjusted to record correctly.

Section 8.4.3 If, upon testing any Metering Device shall be found to be inaccurate by an amount exceeding plus or minus two percent (2%), then Generator shall promptly repair, adjust or replace the Metering Device to record accurately and any previous recordings by such Metering Device shall be corrected to zero error. If no reliable information exists as to the period over which such Metering Device registered inaccurately, it shall be assumed for purposes of correcting previously delivered invoices that such inaccuracy began at a point in time midway between the testing date and the next previous date on which such Metering Device was tested and found to be accurate, but in no event will Customer be responsible for corrections for longer than six months.

Section 8.4.4 If upon testing, any Metering Device is found to be in error by an amount exceeding plus or minus two percent (2%), then the payments for Output made since the previous test of such Metering Device shall be adjusted to reflect the corrected measurements. If the difference in the previously invoiced amounts minus the adjusted payment is a positive number, that difference will offset amounts owing by Customer to Generator in subsequent month(s) or refunded within 30 days if this Agreement expires before the difference is exhausted. If this Agreement is terminated or Customer exercises its Purchase Option (as defined in Section 17.1), any outstanding difference payable to Customer will be credited against the Termination Fee. If the difference is a negative number, the difference shall be added to the next month's invoice and paid by the Customer to the Generator on the due date of such invoice.

ARTICLE IX. TAXES

Section 9.1 Taxes on Sale of Electricity. If so required by applicable law, Generator shall remit all taxes assessed and imposed on the generation, sale or delivery of electricity generated by the System.

Section 9.2 Taxes on Purchase of System. Customer will be responsible for and pay all taxes imposed on, or arising out of, the purchase of the System by Customer during the Term and from which it is not exempt.

ARTICLE X. OPERATION, MAINTENANCE AND REPAIR

Section 10.1 Costs arising from Operation, Maintenance and Repair. Generator shall operate the System and perform all routine and emergency repairs to, and maintenance of, the System at its sole cost and expense, except for any repairs or maintenance resulting from Customer's negligence, willful misconduct or breach of the Agreement. If the System requires repairs for which Customer agrees it is responsible, Customer shall pay Generator its actual costs for diagnosing and correcting the problem at Generator's or Generator's contractors' then current standard rates.

Section 10.2 Costs arising from Third Parties. Generator shall not be responsible for any work performed by third parties engaged by Customer on any part of the System unless: (i) Generator provides advanced written authorization for such work, or (ii) Customer performed such work due to an emergency involving the System.

Section 10.3 Costs not resulting from Generator's Actions. Generator shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper operation or maintenance of the System by anyone other than Generator or Generator's contractors or subcontractors.

Section 10.4 Additional Equipment on Site. Customer may place equipment on a Site at any time and without notice to Generator so long as it does not affect a System, including but not limited to casting shadows. In the event of an emergency, Customer may place equipment, perform repairs, and take any other actions at a Site it determines necessary by providing as much notice as practicable to Generator. In such cases, Customer will endeavor to minimize effects on a System to the extent practicable.

ARTICLE XI. INTERRUPTION OF SERVICE AND OBSTRUCTIONS

Section 11.1 Interruptions. Customer understands that the System contains intermittent generation facilities and will not provide Customer with a continuous supply of Electricity. The System will operate in parallel to the host utility provider and will not affect the host's ability to provide electricity. The Parties acknowledge that Generator shall be provided with a warranty from the solar panel manufacturer as to the performance of such panels used in a particular System and such warranty shall be assigned by Generator to Customer in the event Customer exercises a Purchase Option in accordance with Section 17.1.

Section 11.2 DISCLAIMER OF WARRANTY FOR SUPPLY OF ELECTRICITY. THIS AGREEMENT PROVIDES NO WARRANTY OR GUARANTEE TO CUSTOMER WITH RESPECT TO THE CONTINOUS SUPPLY OF ELECTRICITY.

Section 11.3 Damages Resulting from Interruption of Service. Generator shall not be liable for any damages caused by or resulting from any interruption in Electricity during the Term, nor shall Generator be responsible for Customer's cost of alternative supplies of electricity during any interruption. If delivery of Electricity from the System is interrupted by reasons other than Customer's negligence, Generator will restore delivery of Output in a timely manner.

Section 11.4 Generator's Suspension of Output.

Section 11.4.1 Generator's Right to Suspend. Notwithstanding anything to the contrary herein, Generator shall be entitled to suspend operation of the System for the purpose of maintaining and repairing the System and such suspension of System operation shall not constitute a breach of this Agreement; provided, that Generator shall minimize interruption in operation to the Customer. Generator shall notify Customer within twenty-four (24) hours following Generator's discovery of any material malfunction in the operation of the System.

Section 11.4.2 No Requirement to Supply Electricity. If at any time the Generator reasonably determines that the Existing Electrical System is unsafe, Generator shall not have the obligation to supply Electricity to Customer. Generator shall have no responsibility, obligation, or requirement to inspect or approve the Existing Electrical System after the Commercial Operation Date.

Section 11.5 Cost to Restore Service Following Interruption. Any costs incurred in restoring service following the interruption of operation of the System as a result of Generator's maintenance and repairs of the System shall be borne by the Generator. Any costs incurred in restoring the operation of the System as a result of the actions of Customer or the condition of the Existing Electrical System shall be borne by the Customer.

Section 11.6 Obstructions.

Section 11.6.1 Except in the case of an emergency or performance of routine maintenance, Customer shall not install, nor permit the occurrence on the Site, any physical obstruction that materially reduces, or is reasonably likely to reduce, the production of Electricity. In the event that such obstruction is installed and no emergency exists, and such obstruction has the effect of decreasing by one tenth of one percent (.1%) or more the Output by a System for more than fourteen (14) days, Generator shall have the right to remove said obstruction at the Customer's expense. If said obstruction is unable to be removed within thirty (30) days, Customer shall reimburse Generator for lost production revenue.

Section 11.6.2 In the event of an obstruction on property not owned or controlled by Customer that materially reduces, or is reasonably likely to reduce, the production of electricity by the System, Customer shall make commercially reasonable efforts to work with the neighboring property owner to mitigate the impact of such obstruction and if such efforts are unsuccessful, Generator shall be permitted to terminate this Agreement and remove the System (at Customer's expense); provided, that in such event Customer shall not be responsible for the Termination Fee.

ARTICLE XII. SUBCONTRACTORS

Section 12.1 Subcontractors. Generator may use subcontractors to perform its obligations under this Agreement without Customer's written approval so long as (i) subcontractors meet or exceed all applicable insurance, safety, and site requirements contained herein, (ii) subcontractors will remain under the direction of the Generator, (iii) Generator remains the main point of contact for the Customer, and (iv) any subcontractor performing work at the Site provides, in advance of its on-Site work, a certificate of insurance to the Customer's Risk Management Division, in a form acceptable to the Risk Management Division.

ARTICLE XIII. STANDARD OF PERFORMANCE

Section 13.1 Standard of Performance. Generator shall perform its obligations under this Agreement in accordance with (i) all applicable laws, codes, permits, and regulations, (ii) all appropriate safety manuals and applicable security procedures, (iii) the practices, methods and acts of photovoltaic industry standards, and (iv) the provisions of the Agreement.

Section 13.2 Production Guarantee. Generator guarantees that the System will produce eighty-five percent (85%) of the year one Target Production listed in Schedule A multiplied by the Site Meteorological Adjustment Factor. For the subsequent nine years, year over year, the Target Production will be reduced by seven tenths of one percent (0.7%) of the year one Target Production. (For example, if the year one Target Production is 100.0 kWh, the year five Target Production would be 96.5 kWh.) At the end of each year of operation, if the amount of solar electricity produced is less than the guarantee, Generator will credit the Customer that System's PPA annual rate ($/kWh) multiplied by the guarantee deficit (kWh).

Guarantee provided does not apply to any lost production or any repair, replacement or correction required due to:

(i) Any unauthorized work performed on the System by the Customer;
(ii) Access to site not accessible due to Customer issue;
(iii) Host utility outage;

(iv) Any Force Majeure Event;
(v) Shading from obstructions not existing at the Effective Date; or
(vi) Equipment downtime due to a manufacturing defect outside of Generator's control.

Section 13.3 Non-Discrimination. During the performance of this Agreement, Generator agrees as follows: (i) Generator shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, natural origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Generator, (ii) Generator agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause, (iii) Generator, in all solicitations or advertisement for employees placed by or on behalf of the Generator, shall state that such is an equal opportunity employer, and (iv) notices, advertisements, and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section. The Generator shall include the provisions of the foregoing (i), (ii), (iii), and (iv) in every subcontract or purchase order of over $10,000, so that the provisions shall be binding upon each subcontractor or vendor. Additionally, Customer shall not discriminate against faith-based organizations.

Section 13.4 Drug Free Workplace. During the performance of the Agreement, the Generator agrees to: (i) provide a drug-free workplace for the Generator's employees, (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Generator's workplace and specifying the actions that shall be taken against employees for violations of such prohibition, (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Generator that the Generator maintains a drug-free workplace, and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order over $10,000, so that the provisions shall be binding upon each subcontractor or vendor. For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Generator in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Agreement.

Section 13.5 Unauthorized Aliens. Generator shall not knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

Section 13.6 Reserved.

Section 13.7 Authorized to Transact. Generator shall be authorized to transact business in Virginia as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law.

Section 13.8 Payment Clause. Generator shall take one of the two following actions within seven days after receipt of amounts paid to Generator by Customer for work performed by a subcontractor under this Agreement: (a) pay the subcontractor for the proportionate share of the total payment received from Customer attributable to the work performed by the subcontractor under the Agreement; or (b) notify Customer and subcontractor, in writing, of its intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment. Individual contractors must provide their social security numbers, and proprietorships, partnerships, and corporations must provide their federal employer identification numbers. Generator must pay interest to the subcontractor on all amounts owed by Generator that remain unpaid after seven days following receipt by Generator of payment from Customer for work performed by the subcontractor under the Agreement, except for amounts withheld after Generator notified Customer and the subcontractor in writing of its intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment. Unless otherwise provided under the terms of this Agreement, interest shall accrue at the rate of one percent per month. In each of its subcontracts, Generator shall include a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor. Generator's obligation to pay an interest charge to a subcontractor pursuant to the payment clause shall not be construed to be an obligation of Customer. An Agreement modification shall not be made for the purpose of providing reimbursement for the interest charge. A cost reimbursement claim shall not include any amount for reimbursement for the interest charge.

ARTICLE XIV. REPRESENTATIONS AND WARRANTIES OF THE PARTIES

Section 14.1 Representations of Generator. Generator represents and warrants to Customer as of the date of this Agreement as follows:

Section 14.1.1 Organization and Performance. Generator is a limited liability company duly organized, validly existing and in good standing under the laws of the Commonwealth of Virginia. But for the passage of time, Generator has no knowledge of any facts or circumstances that would materially adversely affect Generator's ability to perform its obligations hereunder.

Section 14.1.2 Due Authorization. The execution, delivery, and performance of its obligations under this Agreement by Generator have been duly authorized by all necessary corporate, company or partnership action, as applicable, to enter into this Agreement and perform its obligations hereunder.

Section 14.1.3 Accuracy of Information. The information provided in this Agreement (including the Agreement Documents) as of the Effective Date is true and accurate in all material respects.

Section 14.2 Representations of Customer. Customer represents and warrants to Generator as of the date of this Agreement as follows:

Section 14.2.1 Organization and Performance. Customer is a public body duly organized, validly existing and in good standing under the laws of the Commonwealth of Virginia and has the full legal right, power and authority to conduct its business and perform its obligations under this Agreement.

Section 14.2.2 Due Authorization. The execution, delivery, and performance of its obligations under this Agreement by Customer have been duly authorized by all necessary authorities to enter into this Agreement and perform its obligations hereunder.

Section 14.2.3 Accuracy of Information. To the best of its knowledge, the information provided in this Agreement as of the Effective Date is true and accurate in all material respects.

ARTICLE XV. COVENANTS OF THE PARTIES

Section 15.1 Status of Premises and Site. During the Term of this Agreement, Customer will not subject the Premises to a lease, security interest, lien, mortgage, deed of trust or similar encumbrance without Generator's consent, not to be unreasonably withheld. The Parties agree the System is the personal property of the Generator severable from the Site and is not and will not be a fixture. Generator's financing arrangements of the System shall not result in an encumbrance on any portion of Customer's property.

Section 15.2 Use of Premises. Customer intends to continue to use the Premises (other than the Site) for its governmental purposes throughout the Term. Customer shall give reasonable prior notice to Generator of any material modification of the Premises or change in the use of the Premises that could have an impact on the operation of the System.

Section 15.3 Net Metering and Interconnection Arrangements. Customer shall maintain such net metering or other interconnection arrangements with the applicable utility during the Initial Term and any Renewal Period as necessary for Generator to operate the System at the Site. Generator shall provide Customer with reasonable assistance in, and shall bear all reasonable expenses associated with, obtaining such permits, approvals and other authorizations as provided in Section 4 above.

Section 15.4 Notice of Malfunction; Non-Interference. Each Party shall notify the other Party promptly upon the discovery of (i) any material malfunction of or damage to the System and (ii) any occurrences at the Site that could reasonably be expected to adversely affect the System.

Section 15.5 Cooperation Regarding Approvals. The Parties shall work together cooperatively to assist one another in procuring and maintaining all necessary approvals and consents described in this Agreement or such other cooperation as is reasonably required to affect the purposes of this Agreement.

Section 15.6 Compliance with Solar Power Purchase Agreement Program. On Customer's behalf, Generator will comply with all provisions of the PPA Pilot Requirements, as applicable. Generator's performance under this Agreement will be in accordance with the requirements of the PPA Pilot Requirements, as they may be updated from time to time.

ARTICLE XVI. DEFAULT; TERMINATION; PARTIES' RIGHTS; LENDER CURE RIGHTS

Section 16.1 Events of Default. The occurrence of any of the following events shall constitute an "Event of Default" by either Party under this Agreement:

Section 16.1.1 Bankruptcy. If a Party (i) becomes insolvent or generally unable to pay its debts as they become due; (ii) applies for, consents to, or acquiesces in the appointment of a trustee, receiver, sequestrator or other custodian for it or any of its property, or makes a general assignment for the benefit of its creditors; (iii) in the absence of any such application, consent or acquiescence, permits or suffers to exist the appointment of a trustee, receiver, sequestrator or other custodian shall not be discharged within sixty (60) days; (iv) permits or suffers to exist the commencement of any bankruptcy or insolvency law, or any dissolution, winding up or liquidation proceeding in respect of it, and, if any such case or proceeding shall be consented to or acquiesced in by it or shall result in the entry of an order for relieve or shall remain for sixty (60) days without such being dismissed; or (v) takes any formal action authorizing or in furtherance of any of the foregoing.

Section 16.1.2 Failure to Meet Material Obligations. Any failure by a party to perform or comply with any other material term or covenant contained herein, provided that such failure continues for thirty (30) Business Days after notice to the breaching party demanding that such failure to perform be cured, provided however, if such failure cannot reasonably be cured within such thirty (30) day period, the breaching Party shall not be in default hereunder if breaching Party commences efforts to cure such failure within such thirty (30) day period and diligently pursues those efforts to completion.

Section 16.1.3 Customer Failure to Pay. Customer's failure to a pay an invoice following the Due Date, and such failure continues for a period of thirty (30) Business Days after Generator provides written notice of such nonpayment to Customer.

Section 16.2 Right to Terminate for Default. Upon the occurrence and during the continuation of any Event of Default hereunder, subject to Section 16 and the cure periods set forth in Sections 16.1.2 and 16.1.3, the non-defaulting party shall have the option, but not the obligation, to terminate this Agreement.

Section 16.2.1 Generator Event of Default. Without the limitation of the foregoing, if an Event of Default of Generator shall occur, then Customer shall have the right to terminate this Agreement. Following such termination, Generator shall remove the System from the Site within twenty (20) Business Days after such termination, and shall, within fifteen (15) Business Days thereafter, repair any damage Generator or the System caused to the Premises and Site and return the Premises and Site to their original condition, normal wear and tear excepted; provided, if Generator fails to make such repairs within fifteen (15) Business Days, then Customer may make such repairs and Generator will reimburse Customer for the actual costs incurred in making such repairs.

Section 16.2.2 Customer Event of Default. Without the limitation of the foregoing, if an Event of Default of Customer shall occur, Generator shall be entitled to terminate this Agreement and remove the System from the Premises. Customer to reimburse Generator of actual cost of

removal. In addition, upon such termination, Customer will pay the Termination Fee as identified in a Schedule C.

Section 16.3 Reservation of Rights. Neither termination nor the exercise of any other rights or remedies pursuant to this Article 16 shall eliminate the non-defaulting Party's right to pursue any other remedy given under this Agreement.

Section 16.4 Contractual Claims. Whether for money or other relief, any contractual claims known by the non-breaching party shall be submitted to the breaching Party in writing no later than sixty (60) days following the discovery of the claim, provided the Parties have the right to pursue legal remedies related to such claim throughout the applicable statute of limitations of any court holding jurisdiction. Written notice of intention to file a claim shall be given prior to the expiration of the sixty (60) day period.

Section 16.5 Termination Fee. If Customer terminates this Agreement before the end of the applicable term for any reason other than Generator's breach, Customer shall pay the Termination Fee listed in the Schedule C that corresponds to the year in which the termination is effective. In such event, Customer must also pay Generator's actual cost of removal of the applicable System. If this Agreement expires and Customer elects not to exercise a Purchase Option, then no Termination Fee is applicable and Generator will remove the System at its own expense.

Section 16.6 Lender's Right to Cure. At any time after the occurrence of any Event of Default set forth in this Section 16, but within the timeframes set forth therein, the Lenders shall have the right, but not the obligation, to cure such Default on behalf of Generator. If the Lenders elect to cure (i) the Lenders must comply with the provisions of this Agreement as though they are acting as Generator, (ii) the Lenders must give Customer reasonable notice of the contractors it intends to engage to perform any work, and (iii) the Lender will not use any contractor whom Customer reasonably determines is not satisfactory.

Section 16.7 Termination for Fiscal Non-Funding. Generator agrees that Customer's obligations under this Agreement are subject to Customer's receipt of adequate annual appropriations. In the event sufficient funds are not appropriated, which may lawfully be applied to the payment of Customer's obligations under this Agreement, Customer shall promptly provide written notice thereof to Generator identifying the date funding will cease. Generator may, at its sole discretion and with prompt notice to Customer (i) place the System in standby until such time as the Customer is re-appropriated funds to meet its obligations under this Agreement or (ii) terminate this Agreement. Provided Generator has not terminated the Agreement pursuant to 16.7(ii), if Customer later appropriates sufficient funding for Customer's payment obligations under this Agreement, then Customer shall provide prompt written notice thereof to Generator and each Parties' obligations to sell and purchase Electricity generated by the System pursuant to this Agreement shall be reinstated at a date determined by the Generator. Neither Customer, its elected officials, officers, agents or employees shall be obligated to compensate Generator for prior non-appropriations; however, Generator may require redress as a condition to removing the system from standby pursuant to 16.7(i).

ARTICLE XVII. PURCHASE OPTION & RELOCATION

Section 17.1 Purchase Option. Generator hereby grants to Customer the option to purchase a System ("Purchase Option") on the seventh (7th) anniversary of the Commercial Operation Date and at the end of the Initial Term. Customer must provide a notification to Generator of its intent to purchase at least

ninety (90) Business Days and not more than one hundred eighty (180) Business Days prior to the end of the applicable anniversary. The Parties will arrange the sale under customary terms and conditions for the purchase and sale of a facility of this type and size, which terms and conditions shall provide, among other things, that (i) Generator shall transfer good title to the Customer upon Generator's receipt of the purchase price, but otherwise disclaims all warranties of any kind, express or implied, concerning the System, "as is, where is, with all faults"; (ii) Generator shall assign to Customer any manufacturers' warranties that are in effect as of the purchase date, and which are assignable pursuant to their terms; and (iii) upon such transfer of title, the Agreement shall terminate automatically. Upon purchase of the System, Customer will assume complete responsibility for the operation and maintenance of the System, as well as liability for the performance of the System and for the related real estate obligations, if any, with respect to the Site, and Generator shall have no further liabilities of obligations hereunder. Generator shall cooperate with Customer in connection with any such sale, including responding to due diligence requests and seeking any necessary approvals, provided that such cooperation shall not require Generator to incur any material out-of-pocket costs unless such costs are reimbursed by Customer. If Customer exercises the Purchase Option, Customer will pay the higher of Fair Market Value or the Purchase Option Price listed in Schedule A.

Section 17.2 System Relocation and Costs of Relocation. If Customer ceases to conduct business operations at the Premises, or otherwise vacates the Premises prior to the expiration of the Initial Term, or the Renewal Periods, Customer shall have the option to provide Generator with a mutually agreeable substitute premises. In connection with such substitution, Customer shall execute an amended Agreement that shall have the same or substantially similar terms as this Agreement. Customer shall be responsible for all costs associated with relocation of the System, including all costs and expenses incurred by Generator associated with the removal of the System from the Premises and installation and testing of the System at the substitute Premises and all applicable interconnection fees and expenses at the substitute Premises.

Section 17.3 Non-Election; Removal. In the event that Customer does not exercise the Purchase Option pursuant to Section 17.1, Generator shall remove any or all of the System from the Site at Generator's expense within ninety (90) Business Days of the expiration of the Initial Term or Renewal Period, as applicable. Generator shall use reasonable commercial practices in the removal of the System and at its own expense shall return the Premises and Site to their original condition, including making any necessary repairs to the Site, normal wear and tear excepted within such ninety (90) Business Day period.

ARTICLE XVIII. FORCE MAJEURE; CHANGE IN LAW/REGULATION

Section 18.1 "Force Majeure Event" means any circumstance not within the reasonable control, directly or indirectly, of the Party affected, but only if and to the extent that (i) such circumstance, despite the exercise of due diligence, cannot be prevented, avoided or removed by such Party, (ii) such event is not due to such Party's negligence or intentional misconduct, or the negligence or intentional misconduct of such Party's representatives or contractors, (iii) such event is not the result of any failure of such Party to perform any of its obligations under this Agreement, (iv) such Party has taken all reasonable precautions, due care, and reasonable alternative measures to avoid the effect of such event and to mitigate the consequences thereof, and (v) such Party has given the other Party prompt notice describing such event, the effect thereof and the actions being taken to comply with this Agreement. Subject to the foregoing conditions, Force Majeure Events may include: strikes or other labor disputes, supply shortages, adverse weather conditions and other acts of nature, subsurface conditions, riot or civil unrest, actions or failures to

act of any governmental authority or agency, but shall not include any inability to make payments that are due hereunder, to make emergency repairs to a System, or to procure or maintain insurance required hereunder.

Section 18.1.1 Except with respect to the obligation to pay money in a timely manner for liabilities already incurred or accrued, to make emergency repairs to a System, or to procure or maintain insurance, each party shall be excused from performance hereunder and shall not be considered to be in default or be liable in damages or otherwise with respect to any obligation hereunder, if and to the extent that such party's failure of, or delay in, performance is due to the occurrence of a Force Majeure Event.

Section 18.1.2 The party affected by a Force Majeure Event shall promptly notify the other party in writing of the occurrence of such event. The non-performing party shall use reasonable commercial efforts to continue to perform its obligations hereunder and to overcome the effects of Force Majeure Event. The suspension of performance shall be of no greater scope and of no longer duration than is reasonably required by the Force Majeure Event.

Section 18.1.3 If a Force Majeure Event prevents a party from performing its obligations of this Agreement for more than twenty (20) Business Days, the parties shall meet to negotiate an amendment to the Agreement. If the parties are unable to agree, then the party not claiming Force Majeure shall have the right to terminate the Agreement, no Termination Fee will apply, and Generator will remove the System and restore the Premises as required herein.

Section 18.2 Change in Law/Regulation. In the event there is a Change in Law/Regulation (other than those taxes handled in Section 9.1 (Taxes on Sale of Electricity)) that (i) requires modifications to the System in excess of five thousand dollars ($5,000), or (ii) materially impacts the cost of operating and maintaining the System, then Generator shall have the right to engage in negotiations in good faith for a period of thirty (30) days with Customer in an attempt to amend this Agreement to address the Change in Law/Regulation. If the Parties are unable to negotiate a mutually acceptable amendment to this Agreement within such thirty (30) day negotiation period, then Customer shall have the option to purchase the System in accordance with Section 17.1, and upon such purchase this Agreement shall terminate. If Customer does not exercise its purchase option within thirty (30) days after the expiration of the negotiation period, Generator shall have the right to terminate this Agreement and Customer shall pay the termination fee, for the applicable contract year, identified in Schedule C - Termination Fee. Generator shall remove the System, at Generator's expense, from the Premises within one hundred eighty (180) days thereafter.

ARTICLE XIX. LIABILITY; INDEMNIFICATION; WARRANTY DISCLAIMER

Section 19.1 Liability and Responsibility.

Section 19.1.1 Customer. Customer shall have the responsibility to pay Generator for the actual and reasonable costs and expenses associated with any repairs, damage to, or loss of the System, resulting from the acts or omissions of Customer or any of its employees, agents, or contractors.

Section 19.1.2 Generator. Generator shall have the responsibility to pay Customer for the reasonable costs and expenses associated to any repairs to, direct or indirect harm to, or loss of the Premises or any personal property or fixtures on the Premises, to the extent resulting from the action

or inaction of Generator or any of its contractors, agents, employees, subsidiaries, affiliates or assignees or the negligence or intentional misconduct of Generator or any of its contractors, second-tier contractors (or anyone working through or under such second-tier contractors), agents, employees, partners, owners, subsidiaries or affiliates.

Section 19.2 Indemnification. Generator agrees to indemnify, defend and hold harmless the Customer, the Customer's officers, agents and employees, from any claims, damages, suits, actions, liabilities and costs of any kind or nature, including attorneys' fees, arising from or caused by the provision of any services, the failure to provide any services or the use of any services or materials furnished (or made available) by the Generator, provided that such liability is not attributable to the customer's sole negligence.

Section 19.3 DISCLAIMER OF WARRANTIES. EXCEPT FOR THE EXPRESS WARRANTIES PROVIDED IN THIS AGREEMENT, NEITHER PARTY MAKES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE PERFORMANCE OF ITS OBLIGATIONS HEREUNDER (INCLUDING ANY SERVICES, GOODS, MATERIALS OR OTHER ITEMS SUPPLIED HEREUNDER), INCLUDING WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR ANY PURPOSE. The remedies set forth in this Agreement shall be Customer's sole and exclusive remedies for any claim or liability arising out of or in connection with this Agreement, whether arising in contract, tort (including negligence), strict liability or otherwise.

Section 19.4 Defense of Claims. Customer shall give Generator prompt written notice of any asserted actions or claims indemnified against hereunder and the Parties shall cooperate in good faith with each other in the defense of any such claims or actions. Without prior written consent of Generator, Customer shall not take any action relating to such claims or actions within the indemnification obligations hereof. Consent of Generator shall not be unreasonably withheld. Without prior written consent of the Customer, Generator shall not settle any such claims or actions unless the settlement includes a full and unconditional release of claims against Customer.

Section 19.5 Remedies and Damages; Consequential Damages. Except to the extent that amounts payable pursuant to the indemnification or liquidated damages provisions of this Agreement might be construed as such, notwithstanding any other provisions of this Agreement, in no event shall any Party be liable to any other Party for incidental, indirect, special, punitive, consequential damages, whether caused by negligence, tort, strict liability, statute, contract, or warranty, including damages in nature of loss of revenue, loss of profits, or inability to perform contracts with third parties (other than for any damages incurred under such contracts), other than for damages resulting from the claims of persons not a party to this Agreement.

ARTICLE XX. ASSIGNMENT

Section 20.1 Assignment by Generator.

Section 20.1.1 Generator may, with the consent of the Customer (which consent shall not be unreasonably withheld), assign its interest in this Agreement as along as the assignee shall expressly assume Generator's obligations under this Agreement and agree to be bound by the terms and conditions hereof.

Section 20.1.2 Generator may, without the consent of the Customer: (i) mortgage, pledge or otherwise collaterally assign its interests in this Agreement to an entity for the purposes of

financing (including debt or equity financing) and (ii) assign this Agreement to any successor of Generator. Generator or any assignee shall provide written notice to Customer within fifteen (15) Business Days of an assignment to another party. Generator may be released from its obligations of the assigned agreement, as along as the assignee expressly assumes and agrees to be bound by the terms and conditions of the assigned agreement.

Section 20.1.3 Generator will continue to remain responsible for performing all tasks under this Agreement regardless of whether the Agreement is assigned pursuant to Sections 20.1.1 or 20.1.2.

Section 20.2 Assignment by Customer. Customer may, upon prior approval from the Generator, assign its interests in this Agreement to an entity with equal or greater credit rating that purchases or otherwise acquires the property where the Site is located.

Section 20.3 Binding on Successors. This Agreement shall be binding on and inure to the benefit of the successors and permitted assignees.

ARTICLE XXI. INSURANCE

Section 21.1 Generator's Insurance. Generator shall maintain (and will cause its independent contractors to maintain) with the appropriate company or companies licensed to do business in the Commonwealth of Virginia, including self-insurance provided by Dominion Energy Inc. or its affiliate, the following insurance coverages:

Workers' Compensation

Statutory Virginia Limits

Employers' Liability Insurance

$100,000 for each Accident by employee

$100,000 for each Disease by employee

$500,000 policy limit by Disease

Commercial General Liability

$1,000,000 each occurrence including contractual liability for specified agreement

$2,000,000 General Aggregate (other than Products/Completed Operations)

$2,000,000 General Liability-Products/Completed Operations

$1,000,000 Personal and Advertising injury

$100,000 Fire Damage Legal Liability

Business Automobile Liability - including owned, non-owned and hired car coverage

Combined Single Limit - $1,000,000 each accident

Umbrella Liability

$2,000,000 Per Occurrence and in the aggregate

Professional Liability

$2,000,000 Per Occurrence in the form of contractor's design errors and omissions coverage.

The Certificate shall show that the policy has been endorsed to add the Customer named as an additional insured for the Commercial General Liability coverage. The certificate must not show in the description of operations section that it is issued specific to any bid, job, or contract. The coverage shall be provided by a carriers(s) rated not less than "A-" with a financial rating of at least VII by A.M. Best or a rating acceptable to the County. In addition, the Customer shall be notified at least thirty (30) days prior notice of any cancellation or material reduction in coverage. Notwithstanding anything herein to the contrary, if the Generator is a special purpose entity that holds System assets but that engages a third party to provide System operations and maintenance, Generator's obligation to maintain Workers' Compensation insurance applies only to the extent that it is required by statute in the Commonwealth of Virginia, and Generator's obligation to maintain Business Automobile Liability insurance applies only to the extent that Generator has automobiles.

Section 21.2 Expiration of Coverage. Generator shall maintain the required coverage throughout a System's Initial Term and any Renewal Terms. Customer shall not be obligated by this Agreement to maintain insurance.

Section 21.3 Evidence of Insurance. Generator will maintain, and provide Customer with, insurance certificate(s) or self-insurance letter(s) evidencing the required insurance coverage. Such documentation shall contain provisions that (a) coverages afforded under the policies will not be canceled or allowed to expire until at least thirty (30) days prior written notice has been given to Customer, and (b) the insurer shall waive all rights of subrogation against Customer. Generator's subcontractors performing on-Site work shall be subject to these same insurance requirements.

ARTICLE XXII. DISPUTE RESOLUTION

Section 22.1 Good Faith. The Parties hereto agree to attempt to resolve all disputes arising hereunder promptly, equitably and in a good faith manner. If a dispute remains unresolved within fifteen (15) Business Days, each Party shall provide written notice to the other Party stating the dispute and desired resolution.

Section 22.2 Litigation. In the event that any dispute between the Parties is not resolved pursuant to Section 22.1 within twenty-five (25) Business Days after delivery of written notice described above in Section 22.1, then either Party may commence a proceeding with respect to such dispute in accordance with Sections 24.4 and 24.5.

ARTICLE XXIII. COOPERATIVE CONTRACTING

Section 23.1 Cooperative Contracting. Pursuant to § 2.2-4304 of the Virginia Public Procurement Act, any other public agency or body in the Commonwealth of Virginia may cooperatively utilize this Agreement. County of Henrico RFP No. 25-2798-1JEC for Solar Power Purchase Agreement Services issued on January 17th, 2025, contained the following language in Section V. GENERAL CONTRACT TERMS AND CONDITIONS, subsection JJ. COOPERATIVE PROCUREMENT:

JJ. Cooperative Procurement

This procurement is being conducted by the County in accordance with the provisions of Section 2.2-4304 of the Code of Virginia. Except for contracts for architectural and engineering services, if agreed to by the contractor, other public bodies may utilize this Contract. The Contractor shall deal directly with any public body it authorizes to use the Contract. The County, its officials, and its employees are not responsible for placement of orders, invoicing, payments, contractual disputes, or any other transactions between the Contractor and any other public body, and in no event shall the County, its officials, or its employees be responsible for any costs, damages or injury resulting to any party from another public body's cooperative use of a County contract. The County assumes no responsibility for any notification of the availability of the Contract for use by other public bodies, but the Contractor may conduct such notification.

ARTICLE XXIV. MISCELLANEOUS

Section 24.1 Modifications. This Agreement may be modified only by a writing signed by both parties.

Section 24.2 Further Assurances. The Parties shall execute and deliver all documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Agreement.

Section 24.3 Notices. Except as otherwise specified in this Agreement, any notice required or authorized by this Agreement to be given to a Party shall be given in writing and may be delivered by overnight mail, overnight courier, or hand delivered to the address set forth below or to such other address as such Party may designate for itself by prior notice given in accordance with this section. A notice shall be effective on the Business Day when received if received during normal business hours of the receiving Party; otherwise, the notice shall be deemed to have been received on the Business Day following delivery. The parties may provide copies of notices by E-mail.

If to Generator:	*If to Customer:*
Attn: Manager, Business Dominion Energy Solutions I, Inc. 600 E. Canal Street Richmond, VA 23219 *with copies to:* Attn: Senior Counsel, Commercial Transactions Dominion Energy Services, Inc. 120 Tredegar Street Richmond, VA 23219	Attn: Energy Manager Henrico County General Services P. O. Box 90775 Henrico, VA 23273-0775 *with copies to:* Attn: Real Property Attorney Henrico County Attorney's Office P.O. Box 90775 Henrico, VA 23273-0775 Attn: Real Property Director Henrico County Public Works P. O. Box 90775 Henrico, VA 23273-0775

Section 24.4 Governing Law. This Agreement shall be governed by, and construed in accordance with, the law of the Commonwealth of Virginia.

Section 24.5 Jurisdiction and Venue. The Parties hereby submit to the personal jurisdiction of, and any litigation relating to this Agreement, shall be brought in the state courts for the County of Henrico, Virginia.

Section 24.6 Severability. If any term or provision of this Agreement or the application thereof to any Person or circumstance is held in a final, non-appealable judgement to be illegal, invalid or unenforceable under any present or future law, (i) such term or provision shall be fully severable, (ii) this Agreement shall be construed and enforced as if such illegal, invalid or unenforceable provision had never comprised a part hereof, and (iii) the remaining provisions of this Agreement shall remain in full force and effect and shall not be affected by the illegal, invalid or unenforceable provisions or by its severance herefrom.

Section 24.7 Counterpart Execution. The Parties may execute this Agreement in counterparts, which shall, in the aggregate, when signed by both Parties constitute one and the same instrument; and, thereafter, each counterpart shall be deemed an original instrument as against any Party who has signed it.

Section 24.8 Headings. The headings contained in this Agreement are solely for the convenience of the Parties and should not be used or relied upon in any manner in the construction or interpretation of this Agreement.

Section 24.9 No Waiver. No waiver of any of the terms and conditions of this Agreement shall be effective unless in writing and signed by the Party against whom such waiver is sought to be enforced. Any waiver of the terms hereof shall be effective only in the specific instance and for the specific purpose given. The failure of a Party to insist, in any instance, on the strict performance of any of the terms and conditions hereof shall not be construed as a waiver of such Party's right in the future to insist on such strict performance.

Section 24.10 Neutral Interpretation. The Parties acknowledge that this is a negotiated Agreement and, in the event of any dispute over its meaning or application, this Agreement shall be interpreted fairly and reasonably and neither more strongly for, nor more strongly against, either Party.

Section 24.11 Survival. The obligations Section 19.2 (Indemnification), Section 19.5 (Consequential Damages), Section 24.4 (Governing Law), Section 24.5 (Jurisdiction and Venue) and any other provisions of this Agreement, which by their nature and context, are intended to survive termination of this Agreement, shall survive the expiration or termination of this Agreement.

Section 24.12 Entire Agreement. Except as otherwise provided herein, this Agreement, including all attachments hereto (all of which are incorporated by reference herein), constitutes the entire understanding between the Parties and supersedes any and all previous understandings, provisions or contemporaneous agreements between the Parties with respect to the subject matter hereof.

Section 24.13 Record and Rights to Audit. Generator shall retain, during the performance of the Agreement and for a period of five (5) years from the end of the Term, all records pertaining to the Generator's performance under this Agreement. Such records shall include but not be limited to all paid vouchers including those for out-of-pocket expenses; other reimbursement supported by invoices, including Generator's copies of periodic estimates for partial payment; ledgers, cancelled checks; deposit slips; bank statements; journals; Agreement amendments and change orders; insurance documents; payroll documents; timesheets; memoranda; and correspondence. Such records shall be available to Customer upon reasonable advance notice during Customer's normal working hours.

Section 25.14 Photography. Generator may create videos or photography or other visual recording including time lapse (collectively, "Photography") of any portion of the System during or after construction, to include use of aerial drones, for promotional or other purposes and that such Photography may be combined with other images, text and graphics and cropped, altered or modified, provided that (a) notice shall be provided to Customer as provided in the notice provision of this Agreement at least three (3) Business Days prior to flying any aerial drone, and (b) Photography shall not be published or otherwise made publicly available without Customer's prior written approval. Upon receipt of notice provided under (a), if Customer disapproves the proposed arrangements within the 72-hour window, Customer agrees to consult with Generator on alternative, mutually agreeable arrangements for the Photography. If Customer does not disapprove, Customer hereby grants its approval for Generator's photographer and/or drone operator to access and stand upon the Premises to carry out the activities designated herein, and further grants permission for any such drone to fly above, across, and land upon the Property for the purposes designated herein, subject to all laws governing the use of drones. Generator shall be solely responsible for repairing, at its sole expense, any damage it causes to the System or Customer's property while acting as permitted in this Section 25.14. Customer irrevocably waives any claim or rights of any kind to or in the Photography except as specifically established herein; the Photography shall belong to Generator. For avoidance of doubt, any assignment pursuant to this Agreement shall not affect rights set forth in this Section, which rights shall survive assignment or termination of this Agreement.

[Signatures Appear on the Following Page.]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed on their behalf as of the Effective Date.

Customer:

County of Henrico, Virginia

Signature:_____

Name: _____

Title: _____

Generator:

DE Henrico Solar, LLC

Signature:_____

Name: _____

Title: _____

SCHEDULE A - SYSTEM DESCRIPTION & COMMERCIAL TERMS

System Description:

Initial Term:

Renewal Periods:

Electricity Price (First Year):

Annual Escalation Rate:

Payment Terms:

Year 1 Target Production:

SCHEDULE B - DESCRIPTION OF SITE AND PREMISES

SCHEDULE C -TERMINATION FEE

TAB 11
EXCEPTIONS

Dominion Energy Solutions has the following exceptions to the Scope of Services and General Terms and Conditions of this Request for Proposals.

Section II.C.5: Dominion Energy Solutions will use commercially reasonable efforts to quickly and safely relocate the solar system if emergency repairs need to be made to the facilities. In some cases, 48 hours may not be possible.

Section II.D: Dominion Energy Solutions will make commercially reasonable efforts to return the site to pre-project conditions.

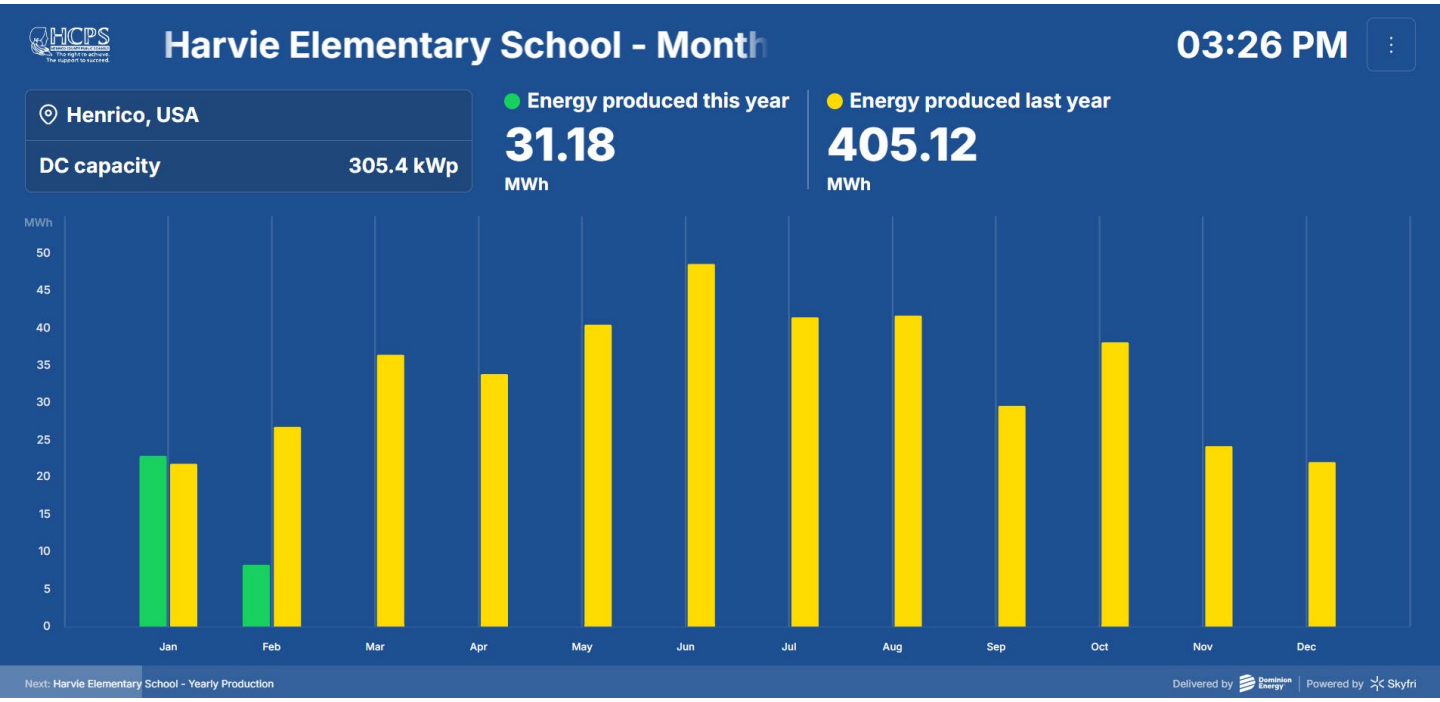
TAB 11
ASSUMPTIONS

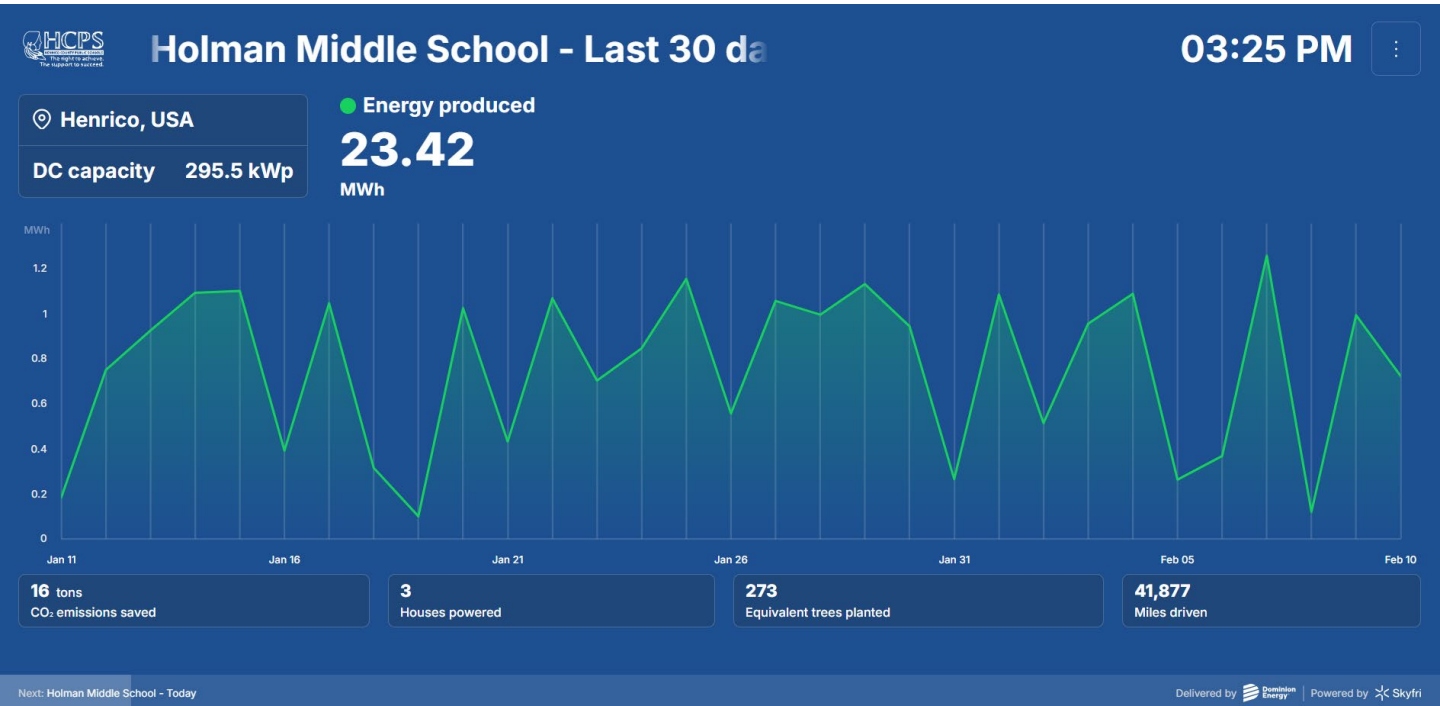
Dominion Energy Solutions has made the following assumptions in the formulation of its RFP response:

There exist no real property encumbrances on the facilities proposed which would preclude the County from licensing the project site to Dominion Energy Solutions for the purpose of constructing and operating the solar system. Dominion Energy Solutions shall obtain, at its cost, the zoning, building, electrical, and environmental permits/approvals necessary to build the solar systems.

Dominion Energy Solutions®

APPENDIX A
MONITORING DASHBOARD





APPENDIX B
CREDITWORTHINESS

As a wholly-owned subsidiary of Dominion Energy, Inc., Dominion Energy Solutions financial statements are consolidated at the parent company. As a Securities & Exchange Commission (SEC) registrant, Dominion Energy, Inc's financial statements are publicly available through the SEC or on Dominion's Investor Relations web site. Web addresses to Dominion's Credit Rating Summary and most recently 10-K filed with the SEC are below.

Credit Rating Summary:

https://investors.dominionenergy.com/fixed-income/dominion-energy/default.aspx

SEC Filings:

https://investors.dominionenergy.com/financials-and-reports/sec-filings/default.aspx

APPENDIX C: PRODUCTION MODELS

Dominion Energy Solutions℠

Hermitage High School Advanced Career Education (ACE) Center

Henrico County 2025 RFP, 8350 Hermitage High Blvd, Richmond, VA 23228

Report

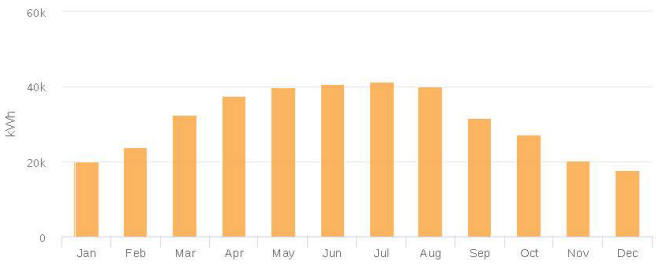
Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

Design	Hermitage High School Advanced Career Education (ACE) Center
Module DC Nameplate	263.6 kW
Inverter AC Nameplate	200.0 kW Load Ratio: 1.32
Annual Production	372.1 MWh
Performance Ratio	84.5%
kWh/kWp	1,411.4
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	25073a4528-c3efab8ee3-6b9eae0bc8-fe54174717

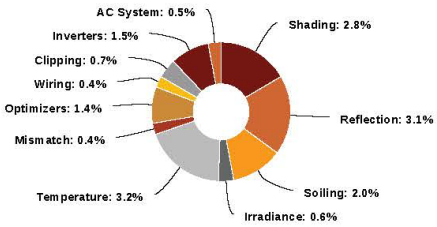
Project Location

Monthly Production



Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	87.3	82.2	20,375.2	19,984.0
February	87.7	101.2	97.8	24,365.4	23,645.0
March	129.5	141.8	138.7	34,747.2	32,398.5
April	159.6	167.3	164.0	41,177.4	37,538.4
May	179.7	182.6	179.0	44,952.5	39,888.7
June	184.7	185.4	181.6	45,593.6	40,642.5
July	187.0	189.7	186.2	46,856.5	41,273.6
August	175.8	182.8	179.2	45,036.6	40,008.7
September	131.5	142.1	139.2	34,894.1	31,711.6
October	106.6	120.6	117.6	29,357.4	27,319.2
November	74.9	89.8	85.4	21,193.7	20,210.4
December	64.1	79.4	73.1	18,091.4	17,439.9

Sources of System Loss



Dominion Energy Solutions℠

Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,670.0	7.5%
	Shaded Irradiance	1,624.0	-2.8%
	Irradiance after Reflection	1,574.0	-3.1%
	Irradiance after Soiling	1,542.5	-2.0%
	Total Collector Irradiance	**1,542.5**	**0.0%**
Energy (kWh)	Nameplate	406,641.0	
	Output at Irradiance Levels	404,258.8	-0.6%
	Output at Cell Temperature Derate	391,404.8	-3.2%
	Output After Mismatch	389,703.0	-0.4%
	Optimizer Output	384,193.1	-1.4%
	Optimal DC Output	382,522.7	-0.4%
	Constrained DC Output	379,663.2	-0.7%
	Inverter Output	373,930.3	-1.5%
	Energy to Grid	**372,060.6**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.8 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, i)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											
Module Characterizations	Module	Uploaded By	Characterization									
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN									
Component Characterizations	Device	Uploaded By	Characterization									
	SE100K (SolarEdge)	HelioScope	Spec Sheet									
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet									

Components

Component	Name	Count
Inverters	SE100K (SolarEdge)	2 (200.0 kW)
Strings	10 AWG (Copper)	18 (3,092.0 ft)
Optimizers	P1101 (SolarEdge)	270 (297.0 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	538 (263.6 kW)

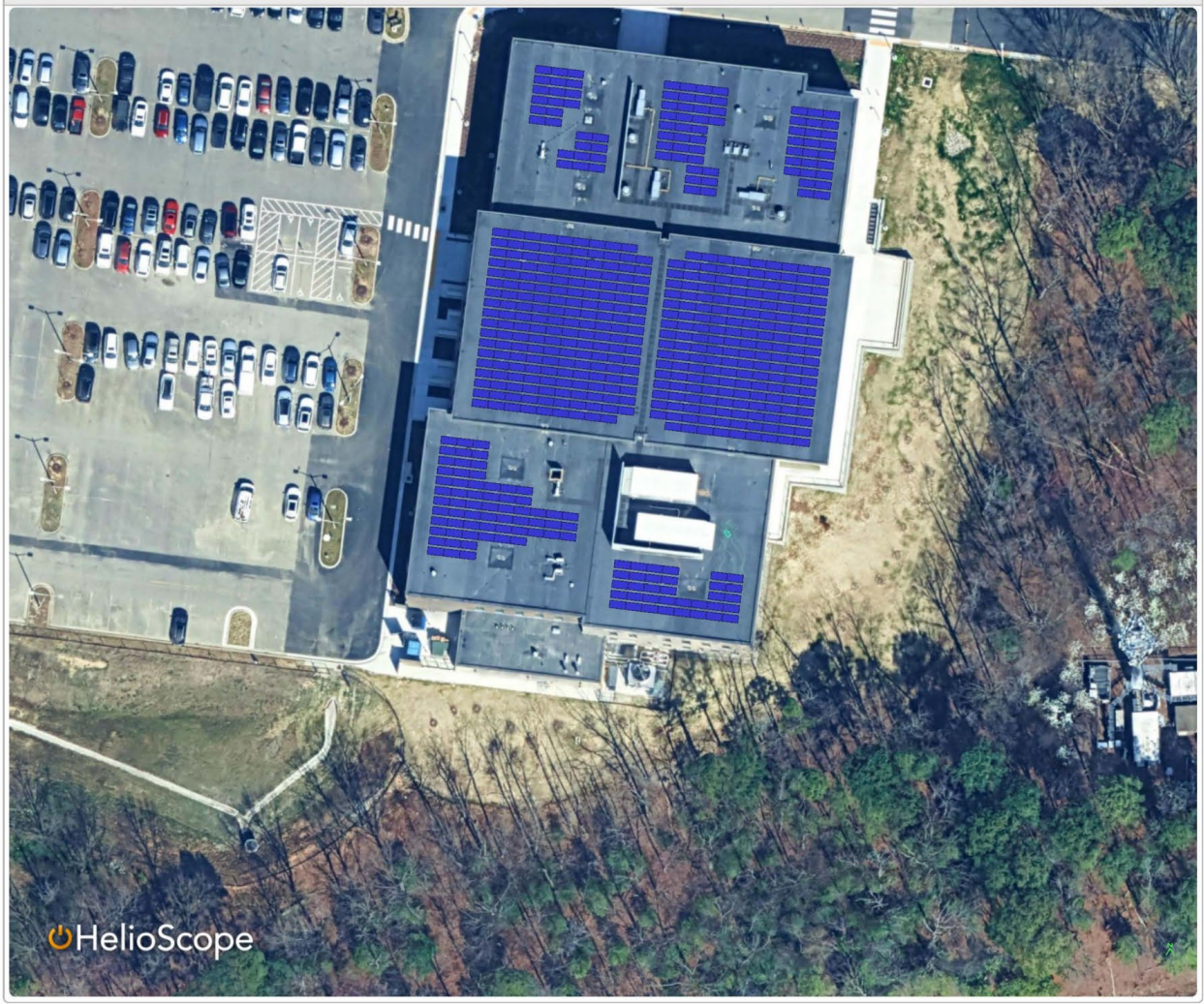
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-30	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 186.87772°	1.2 ft	1x1	356	356	174.4 kW
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 186.87772°	1.2 ft	1x1	85	85	41.7 kW
Field Segment 3	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 186.87772°	1.2 ft	1x1	63	63	30.9 kW
Field Segment 4	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 186.87772°	1.2 ft	1x1	34	34	16.7 kW

Detailed Layout2



Dominion Energy Solutions℠

New Jackson Davis Elementary School_final Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

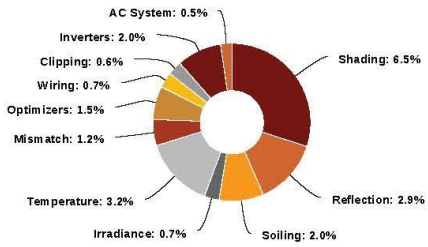
Design	New Jackson Davis Elementary School_final
Module DC Nameplate	440.0 kW
Inverter AC Nameplate	360.0 kW Load Ratio: 1.22
Annual Production	582.2 MWh
Performance Ratio	80.1%
kWh/kWp	1,323.2
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	25073a4528-c3efab8ee3-6b9eae0bc8-fe54174717

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	84.9	73.7	30,477.7	28,830.1
February	87.7	99.2	89.9	37,391.2	35,192.6
March	129.5	140.0	131.5	55,040.7	50,596.1
April	159.6	166.2	158.8	66,688.1	60,675.2
May	179.7	182.0	174.0	73,068.6	64,893.9
June	184.7	185.3	176.9	74,264.2	65,792.4
July	187.0	189.3	181.6	76,412.9	66,858.7
August	175.8	181.4	173.7	72,974.2	64,276.9
September	131.5	140.4	133.1	55,790.2	49,974.5
October	106.6	118.6	109.7	45,783.2	41,682.5
November	74.9	87.4	76.8	31,828.7	29,306.1
December	64.1	77.0	64.1	26,470.8	24,139.0

Sources of System Loss



Dominion Energy Solutions℠

Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,651.6	6.3%
	Shaded Irradiance	1,543.7	-6.5%
	Irradiance after Reflection	1,498.2	-2.9%
	Irradiance after Soiling	1,468.3	-2.0%
	Total Collector Irradiance	**1,468.4**	**0.0%**
Energy (kWh)	Nameplate	646,190.5	
	Output at Irradiance Levels	641,949.7	-0.7%
	Output at Cell Temperature Derate	621,511.7	-3.2%
	Output After Mismatch	614,306.5	-1.2%
	Optimizer Output	605,126.3	-1.5%
	Optimal DC Output	600,931.9	-0.7%
	Constrained DC Output	597,103.0	-0.6%
	Inverter Output	585,143.7	-2.0%
	Energy to Grid	**582,218.1**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.4 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											

Module Characterizations	Module	Uploaded By	Characterization
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN

Component Characterizations	Device	Uploaded By	Characterization
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	3 (360.0 kW)
Strings	10 AWG (Copper)	38 (10,282.1 ft)
Optimizers	P1101 (SolarEdge)	456 (501.6 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	898 (440.0 kW)

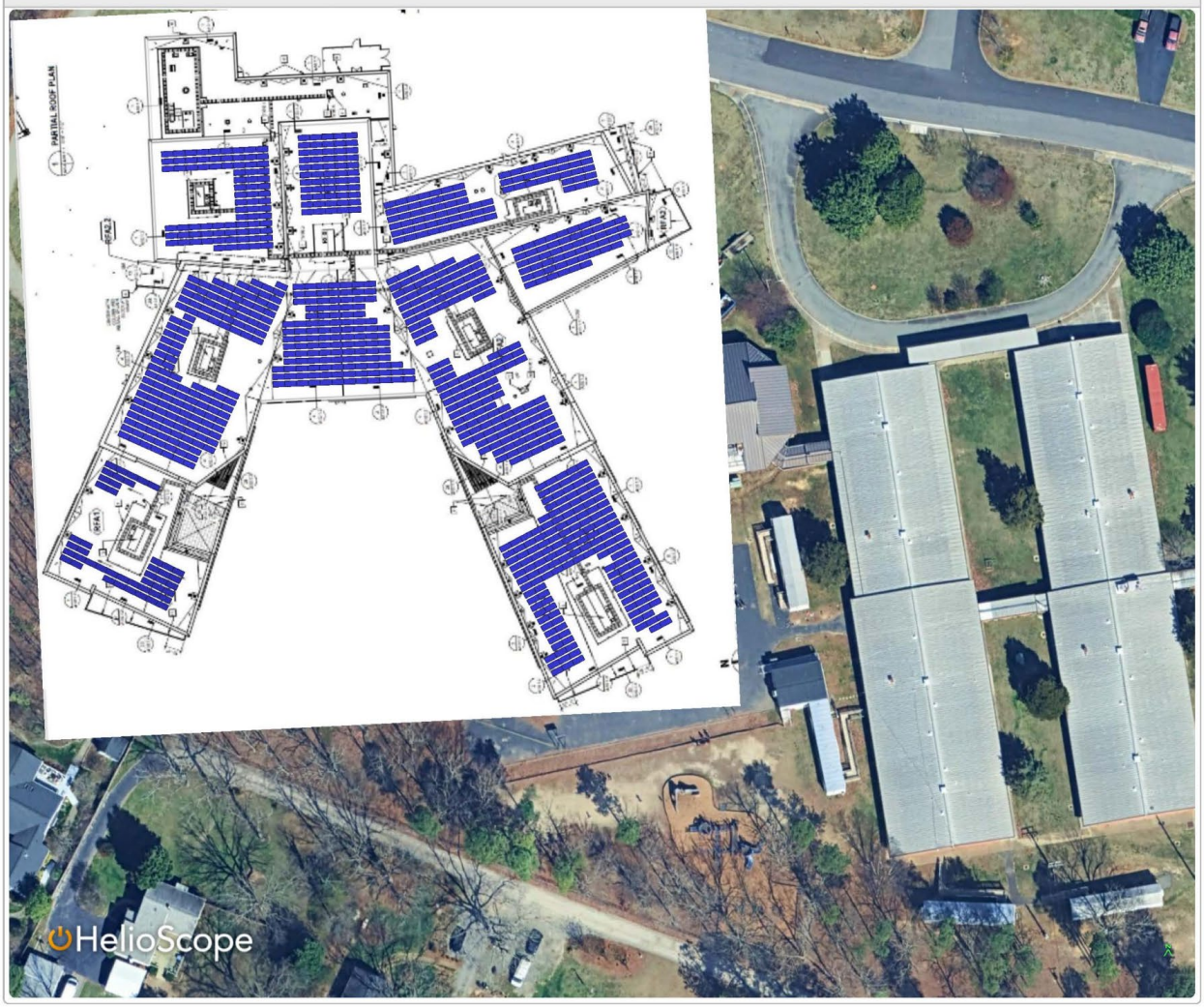
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 25.677576°	1.2 ft	1x1	46	46	22.5 kW
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 155°	1.2 ft	1x1	153	153	75.0 kW
Field Segment 3	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 204.03082°	1.2 ft	1x1	155	155	76.0 kW
Field Segment 4	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177.78876°	1.2 ft	1x1	119	119	58.3 kW
Field Segment 5	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 152.17769°	1.2 ft	1x1	159	159	77.9 kW
Field Segment 6	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160°	1.2 ft	1x1	53	53	26.0 kW
Field Segment 7	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 165.51079°	1.2 ft	1x1	78	78	38.2 kW
Field Segment 8	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177.15273°	1.2 ft	1x1	55	55	27.0 kW
Field Segment 9	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177°	1.2 ft	1x1	80	80	39.2 kW
Field Segment 10	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1			0

Detailed Layout2



Dominion Energy Solutions℠

New Jackson Davis Elementary School_240kWac Henrico County 2025 RFP,

8350 Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

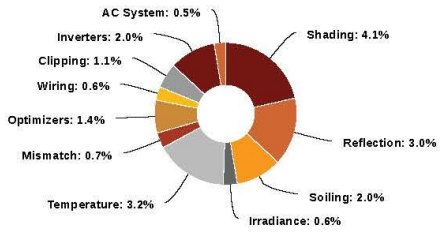
Design	New Jackson Davis Elementary School_240kWac
Module DC Nameplate	326.8 kW
Inverter AC Nameplate	240.0 kW Load Ratio: 1.36
Annual Production	447.9 MWh
Performance Ratio	82.4%
kWh/kWp	1,370.5
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	25073a4528-c3efab8ee3-6b9eae0bc8-fe54174717

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	86.4	79.2	24,334.4	23,534.8
February	87.7	100.6	95.3	29,446.9	28,199.9
March	129.5	141.3	136.4	42,404.2	39,008.0
April	159.6	167.1	162.3	50,588.8	45,502.5
May	179.7	182.4	177.0	55,180.2	48,269.6
June	184.7	185.4	179.8	56,026.2	49,325.5
July	187.0	189.7	184.4	57,617.0	50,150.6
August	175.8	182.2	176.9	55,208.4	48,552.2
September	131.5	141.5	137.1	42,674.3	38,438.3
October	106.6	120.0	115.1	35,661.0	32,852.6
November	74.9	88.9	82.5	25,397.4	23,886.5
December	64.1	78.6	69.7	21,372.6	20,216.0

Sources of System Loss



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Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,664.0	7.1%
	Shaded Irradiance	1,595.6	-4.1%
	Irradiance after Reflection	1,548.4	-3.0%
	Irradiance after Soiling	1,517.4	-2.0%
	Total Collector Irradiance	**1,517.2**	**0.0%**
Energy (kWh)	Nameplate	495,911.4	
	Output at Irradiance Levels	492,898.4	-0.6%
	Output at Cell Temperature Derate	477,249.1	-3.2%
	Output After Mismatch	474,028.3	-0.7%
	Optimizer Output	467,272.7	-1.4%
	Optimal DC Output	464,530.0	-0.6%
	Constrained DC Output	459,464.2	-1.1%
	Inverter Output	450,187.4	-2.0%
	Energy to Grid	**447,936.5**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.6 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											

Module Characterizations	Module	Uploaded By	Characterization
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN

Component Characterizations	Device	Uploaded By	Characterization
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	2 (240.0 kW)
Strings	10 AWG (Copper)	28 (7,276.5 ft)
Optimizers	P1101 (SolarEdge)	336 (369.6 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	667 (326.8 kW)

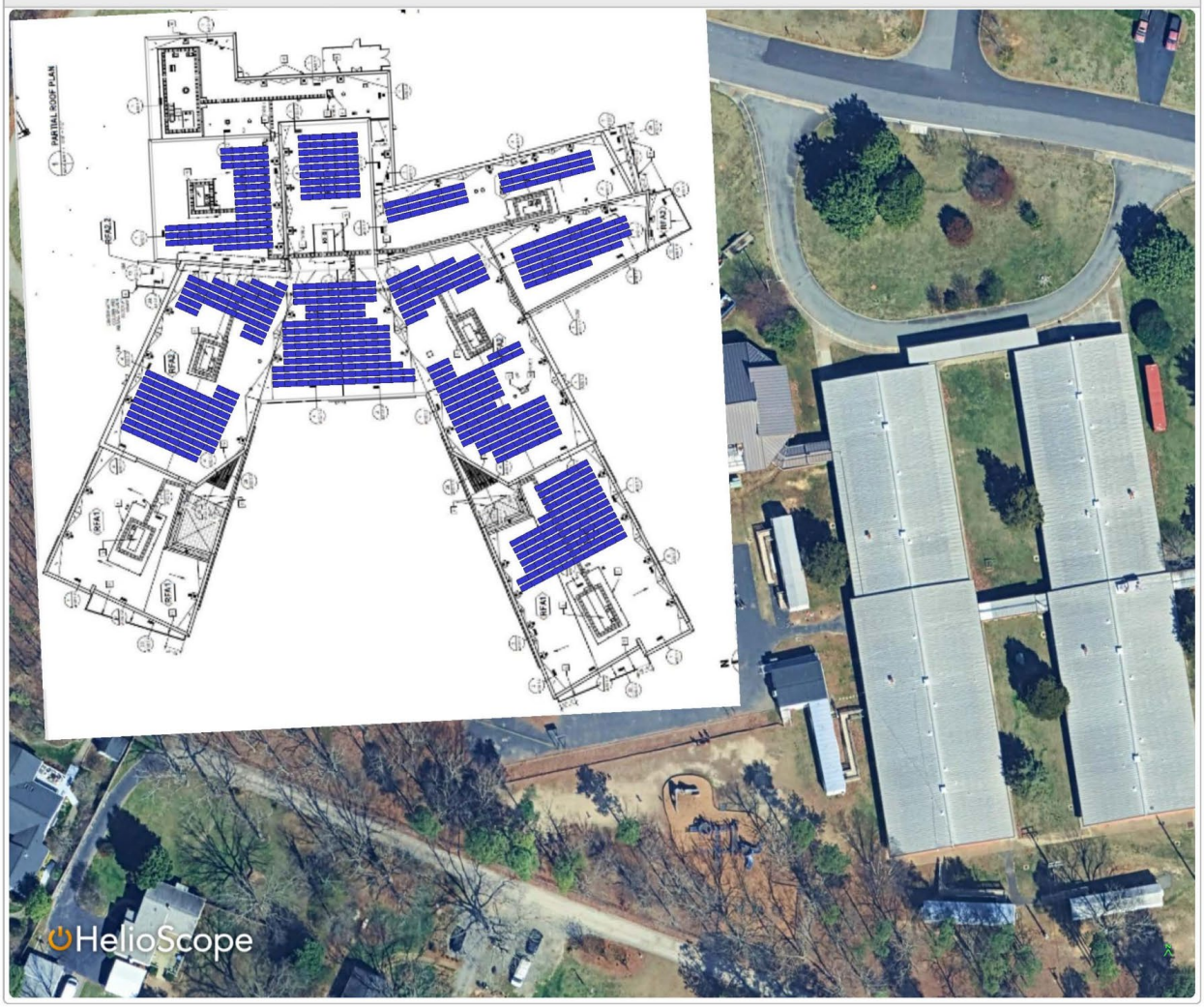
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 25.677576°	1.2 ft	1x1			0
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 155°	1.2 ft	1x1	129	129	63.2 kW
Field Segment 3	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 204.03082°	1.2 ft	1x1	120	120	58.8 kW
Field Segment 4	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177.78876°	1.2 ft	1x1	119	119	58.3 kW
Field Segment 5	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 152.17769°	1.2 ft	1x1	91	91	44.6 kW
Field Segment 6	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160°	1.2 ft	1x1	53	53	26.0 kW
Field Segment 7	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 165.51079°	1.2 ft	1x1	45	45	22.1 kW
Field Segment 8	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177.15273°	1.2 ft	1x1	45	45	22.1 kW
Field Segment 9	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 177°	1.2 ft	1x1	65	65	31.9 kW
Field Segment 10	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1			0

Detailed Layout2



Dominion Energy Solutions℠

New R.C. Longan Elementary School_final Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

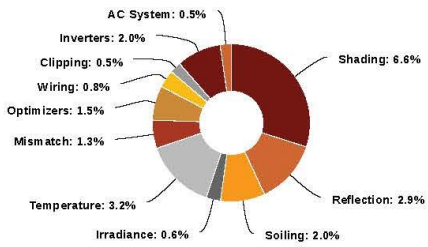
Design	New R.C. Longan Elementary School_final
Module DC Nameplate	421.9 kW
Inverter AC Nameplate	360.0 kW Load Ratio: 1.17
Annual Production	561.6 MWh
Performance Ratio	80.0%
kWh/kWp	1,331.2
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	1ebd520c57-db3780a9a6-22fbeaa821-c44d35a0f2

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	86.4	75.6	30,010.3	28,195.6
February	87.7	100.4	91.3	36,457.1	34,100.5
March	129.5	141.1	132.5	53,226.7	48,967.6
April	159.6	166.9	158.7	63,910.2	58,210.2
May	179.7	182.4	174.1	70,120.4	62,546.8
June	184.7	185.4	176.9	71,249.9	63,147.9
July	187.0	189.6	181.6	73,281.0	64,008.6
August	175.8	182.3	173.8	70,072.4	61,548.2
September	131.5	141.4	133.6	53,753.8	48,005.6
October	106.6	119.8	110.9	44,418.3	40,282.6
November	74.9	88.9	78.7	31,297.7	28,612.0
December	64.1	78.5	66.5	26,359.2	23,987.4

Sources of System Loss



Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,663.1	7.0%
	Shaded Irradiance	1,554.0	-6.6%
	Irradiance after Reflection	1,509.4	-2.9%
	Irradiance after Soiling	1,479.2	-2.0%
	Total Collector Irradiance	**1,479.3**	**0.0%**
Energy (kWh)	Nameplate	624,157.1	
	Output at Irradiance Levels	620,127.3	-0.6%
	Output at Cell Temperature Derate	600,293.5	-3.2%
	Output After Mismatch	592,692.1	-1.3%
	Optimizer Output	583,549.4	-1.5%
	Optimal DC Output	578,909.1	-0.8%
	Constrained DC Output	575,956.6	-0.5%
	Inverter Output	564,435.3	-2.0%
	Energy to Grid	**561,613.1**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.4 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											
Module Characterizations	Module	Uploaded By	Characterization									
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN									
Component Characterizations	Device	Uploaded By	Characterization									
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet									
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet									

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	3 (360.0 kW)
Strings	10 AWG (Copper)	36 (11,943.2 ft)
Optimizers	P1101 (SolarEdge)	432 (475.2 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	861 (421.9 kW)

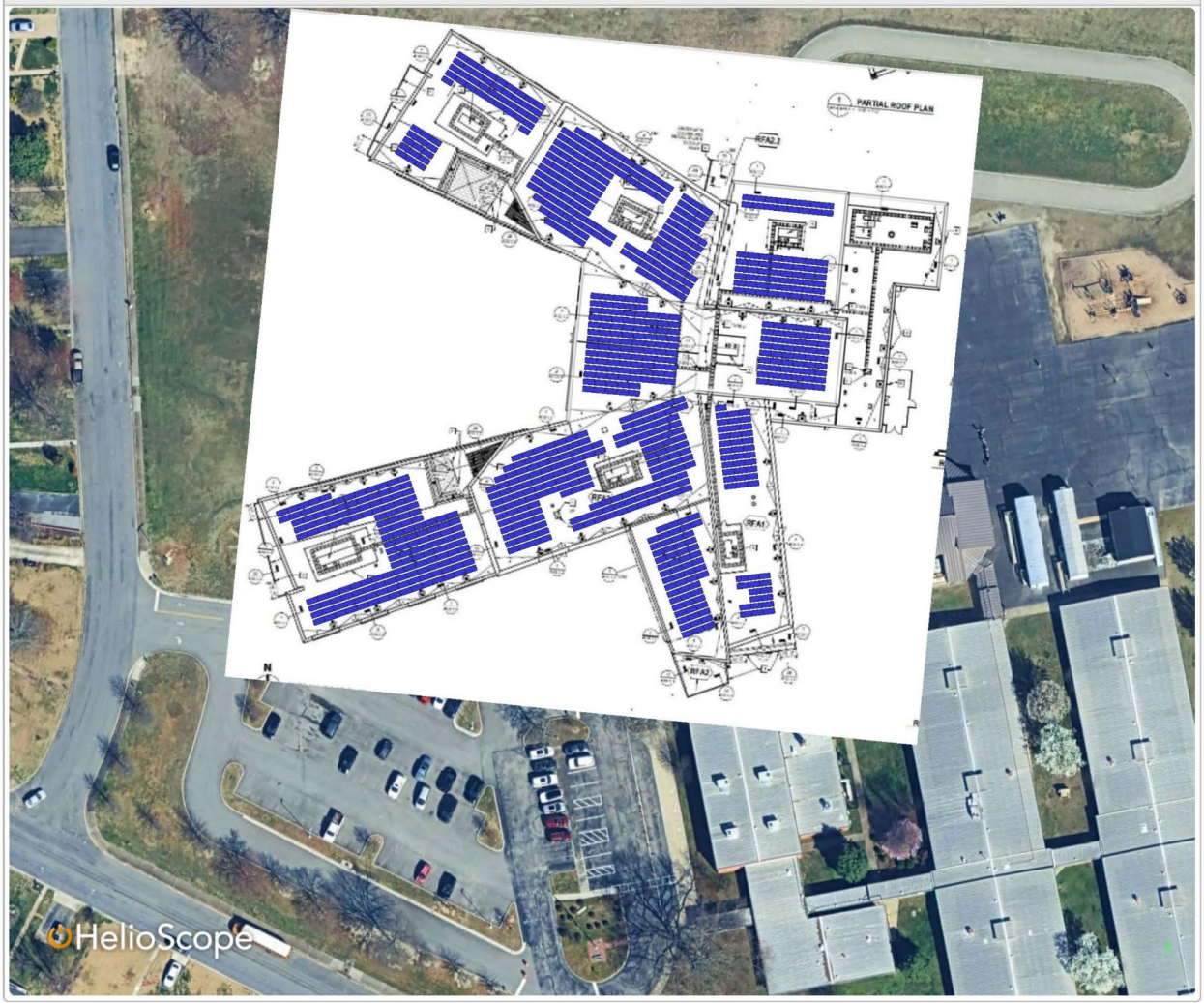
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 212.5°	1.2 ft	1x1	53	53	26.0 kW
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160.58618°	1.2 ft	1x1	169	169	82.8 kW
Field Segment 3	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 212°	1.2 ft	1x1	156	156	76.4 kW
Field Segment 4	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185°	1.2 ft	1x1	100	100	49.0 kW
Field Segment 5	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 161.12048°	1.2 ft	1x1	157	157	76.9 kW
Field Segment 6	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160°	1.2 ft	1x1	58	58	28.4 kW
Field Segment 7	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 173°	1.2 ft	1x1	50	50	24.5 kW
Field Segment 8	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1	54	54	26.5 kW
Field Segment 9	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1	64	64	31.4 kW
Field Segment 10	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1			0

Detailed Layout2



Dominion Energy Solutions℠

New R.C. Longan Elementary School_240kWac Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

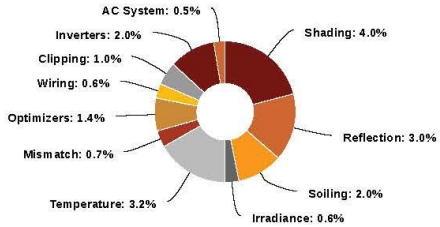
Design	New R.C. Longan Elementary School_240kWac
Module DC Nameplate	324.9 kW
Inverter AC Nameplate	240.0 kW Load Ratio: 1.35
Annual Production	445.5 MWh
Performance Ratio	82.4%
kWh/kWp	1,371.4
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	1ebd520c57-db3780a9a6-22fbeaa821-c44d35a0f2

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	86.4	79.4	24,270.8	23,347.3
February	87.7	100.5	95.0	29,201.5	27,874.8
March	129.5	141.2	136.2	42,108.6	38,784.3
April	159.6	166.9	162.2	50,267.4	45,250.1
May	179.7	182.4	177.3	54,961.7	48,163.9
June	184.7	185.4	180.1	55,814.1	49,217.0
July	187.0	189.6	184.8	57,383.1	50,017.6
August	175.8	182.3	177.3	54,999.0	48,390.7
September	131.5	141.5	137.0	42,412.6	38,181.4
October	106.6	119.9	114.8	35,379.8	32,544.3
November	74.9	88.9	82.4	25,230.4	23,600.3
December	64.1	78.5	70.4	21,459.6	20,157.6

Sources of System Loss



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Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,663.5	7.1%
	Shaded Irradiance	1,597.1	-4.0%
	Irradiance after Reflection	1,550.0	-3.0%
	Irradiance after Soiling	1,519.0	-2.0%
	Total Collector Irradiance	**1,518.9**	**0.0%**
Energy (kWh)	Nameplate	493,488.5	
	Output at Irradiance Levels	490,501.7	-0.6%
	Output at Cell Temperature Derate	474,865.7	-3.2%
	Output After Mismatch	471,401.0	-0.7%
	Optimizer Output	464,632.7	-1.4%
	Optimal DC Output	461,669.1	-0.6%
	Constrained DC Output	456,986.6	-1.0%
	Inverter Output	447,768.1	-2.0%
	Energy to Grid	**445,529.3**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.6 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, i)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											
Module Characterizations	Module	Uploaded By	Characterization									
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN									
Component Characterizations	Device	Uploaded By	Characterization									
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet									
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet									

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	2 (240.0 kW)
Strings	10 AWG (Copper)	28 (8,090.4 ft)
Optimizers	P1101 (SolarEdge)	336 (369.6 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	663 (324.9 kW)

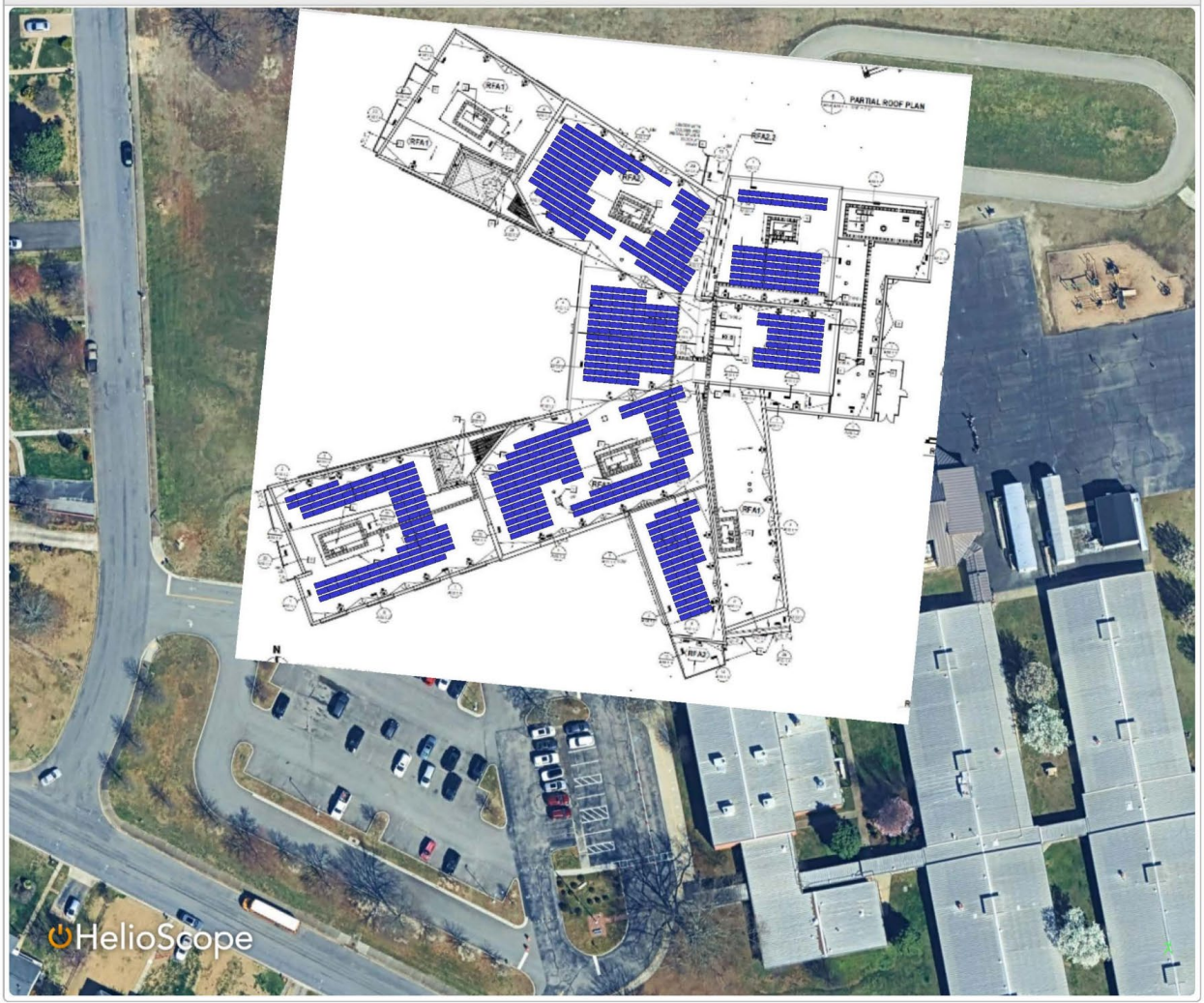
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 212.5°	1.2 ft	1x1			0
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160.58618°	1.2 ft	1x1	148	148	72.5 kW
Field Segment 3	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 212°	1.2 ft	1x1	141	141	69.1 kW
Field Segment 4	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185°	1.2 ft	1x1	100	100	49.0 kW
Field Segment 5	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 161.12048°	1.2 ft	1x1	107	107	52.4 kW
Field Segment 6	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 160°	1.2 ft	1x1	58	58	28.4 kW
Field Segment 7	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 173°	1.2 ft	1x1			0
Field Segment 8	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1	45	45	22.1 kW
Field Segment 9	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1	64	64	31.4 kW
Field Segment 10	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 185.80374°	1.2 ft	1x1			0

Detailed Layout2



Dominion Energy Solutions℠

Virginia Randolph Academy_240kWac Henrico County 2025 RFP, 8350 Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

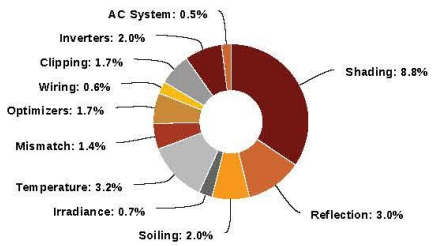
Design	Virginia Randolph Academy_240kWac
Module DC Nameplate	326.8 kW
Inverter AC Nameplate	240.0 kW Load Ratio: 1.36
Annual Production	411.8 MWh
Performance Ratio	76.9%
kWh/kWp	1,260.1
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	25073a4528-c3efab8ee3-6b9eae0bc8-fe54174717

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	83.9	71.1	21,822.7	20,505.8
February	87.7	97.5	84.5	26,106.1	24,189.1
March	129.5	138.4	125.1	38,870.2	35,085.4
April	159.6	164.7	152.7	47,562.6	42,289.5
May	179.7	181.8	171.0	53,288.3	46,245.9
June	184.7	184.7	175.3	54,620.1	47,863.9
July	187.0	188.5	178.2	55,640.4	48,059.2
August	175.8	181.4	170.0	53,012.6	46,079.6
September	131.5	139.4	127.4	39,642.7	34,994.4
October	106.6	116.7	103.2	31,933.9	28,651.7
November	74.9	86.3	73.4	22,567.7	20,611.3
December	64.1	75.6	62.2	19,020.3	17,258.5

Sources of System Loss



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Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,639.0	5.5%
	Shaded Irradiance	1,494.2	-8.8%
	Irradiance after Reflection	1,449.0	-3.0%
	Irradiance after Soiling	1,420.0	-2.0%
	Total Collector Irradiance	**1,419.8**	**0.0%**
Energy (kWh)	Nameplate	464,087.5	
	Output at Irradiance Levels	460,754.6	-0.7%
	Output at Cell Temperature Derate	445,923.9	-3.2%
	Output After Mismatch	439,826.7	-1.4%
	Optimizer Output	432,548.8	-1.7%
	Optimal DC Output	429,752.9	-0.6%
	Constrained DC Output	422,401.7	-1.7%
	Inverter Output	413,903.9	-2.0%
	Energy to Grid	**411,834.3**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.1 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											
Module Characterizations	Module	Uploaded By	Characterization									
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN									
Component Characterizations	Device	Uploaded By	Characterization									
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet									
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet									

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	2 (240.0 kW)
Strings	10 AWG (Copper)	28 (5,726.0 ft)
Optimizers	P1101 (SolarEdge)	336 (369.6 kW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	667 (326.8 kW)

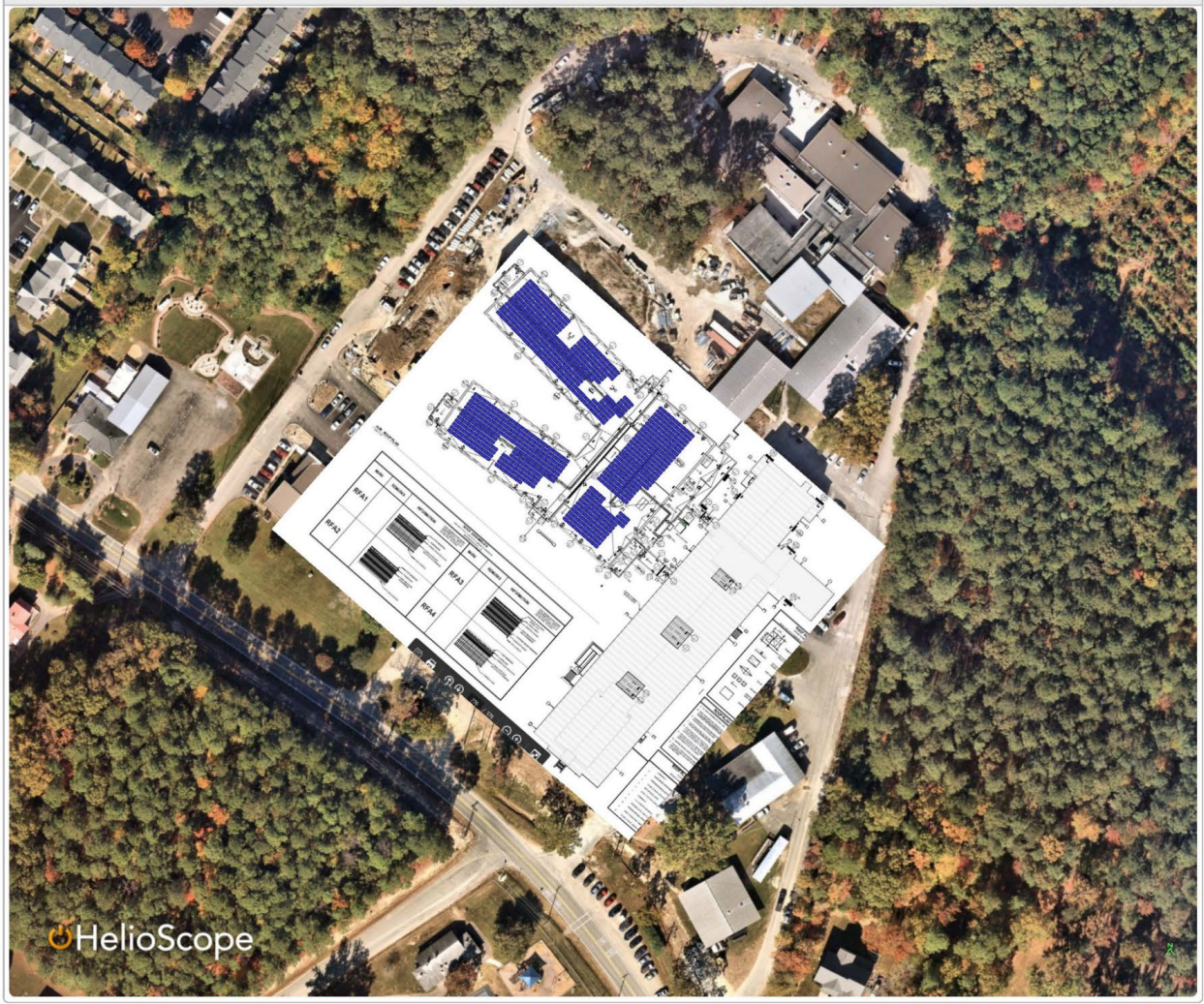
Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Flush Mount	Portrait (Vertical)	4.5°	310.89117°	0.0 ft	1x1			0
Field Segment 2	Flush Mount	Portrait (Vertical)	4.5°	130.81407°	0.0 ft	1x1			0
Field Segment 3	Flush Mount	Portrait (Vertical)	4.5°	130.81407°	0.0 ft	1x1			0
Field Segment 4	Flush Mount	Portrait (Vertical)	4.5°	221.63354°	0.0 ft	1x1			0
Field Segment 5	Flush Mount	Portrait (Vertical)	4.5°	131.19225°	0.0 ft	1x1			0
Field Segment 6	Flush Mount	Portrait (Vertical)	4.5°	220.70868°	0.0 ft	1x1			0
Field Segment 7	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 226.24844°	1.2 ft	1x1	240	240	117.6 kW
Field Segment 8	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 216.06316°	1.2 ft	1x1	191	191	93.6 kW
Field Segment 9	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 221.00703°	1.2 ft	1x1	236	236	115.6 kW

Detailed Layout2



Dominion Energy Solutions℠

Western Government Center Parking Deck Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Report

Project Name	Henrico County 2025 RFP
Project Address	8350 Hermitage High Blvd, Richmond, VA 23228
Prepared By	Cameron Stalker cameron.n.stalker@dominionenergy.com

System Metrics

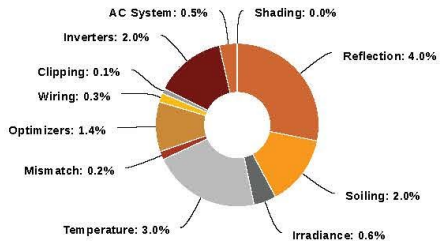
Design	Western Government Center Parking Deck
Module DC Nameplate	906.5 kW
Inverter AC Nameplate	720.0 kW Load Ratio: 1.26
Annual Production	1,250 GWh
Performance Ratio	86.6%
kWh/kWp	1,378.9
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)
Simulator Version	1ebd520c57-db3780a9a6-22fbeaa821-c44d35a0f2

Project Location

Monthly Production

Month	GHI (kWh/m²)	POA (kWh/m²)	Shaded (kWh/m²)	Nameplate (kWh)	Grid (kWh)
January	72.7	77.1	77.1	64,449.2	63,504.7
February	87.7	91.8	91.8	77,493.1	75,683.1
March	129.5	133.5	133.5	113,859.2	107,615.0
April	159.6	162.3	162.3	139,185.8	128,689.1
May	179.7	181.0	181.0	155,339.0	139,779.8
June	184.7	185.4	185.4	159,093.5	142,557.9
July	187.0	188.3	188.3	162,065.9	143,342.4
August	175.8	178.3	178.3	153,078.2	136,508.7
September	131.5	135.0	135.0	115,445.5	105,200.2
October	106.6	111.1	111.1	94,311.3	88,063.1
November	74.9	79.5	79.4	66,587.8	63,780.3
December	64.1	68.6	68.6	56,954.4	55,278.6

Sources of System Loss



Dominion Energy Solutions℠

Annual Production

	Description	Output	% Delta
Irradiance (kWh/m²)	Annual Global Horizontal Irradiance	1,553.8	
	POA Irradiance	1,591.9	2.4%
	Shaded Irradiance	1,591.6	0.0%
	Irradiance after Reflection	1,528.4	-4.0%
	Irradiance after Soiling	1,497.8	-2.0%
	Total Collector Irradiance	**1,497.8**	**0.0%**
Energy (kWh)	Nameplate	1,357,862.8	
	Output at Irradiance Levels	1,349,299.8	-0.6%
	Output at Cell Temperature Derate	1,308,303.7	-3.0%
	Output After Mismatch	1,305,280.0	-0.2%
	Optimizer Output	1,286,985.9	-1.4%
	Optimal DC Output	1,283,730.2	-0.3%
	Constrained DC Output	1,281,958.8	-0.1%
	Inverter Output	1,256,284.3	-2.0%
	Energy to Grid	**1,250,002.8**	**-0.5%**
Temperature Metrics			
	Avg. Operating Ambient Temp		17.7 °C
	Avg. Operating Cell Temp		25.5 °C
Simulation Metrics			
	Operating Hours		4545
	Solved Hours		4545

Condition Set

Description	Condition Set 2											
Weather Dataset	TMY, RICHMOND INTERNATIONAL AP, NSRDB (tmy3, I)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.075	3°C								
	Flush Mount	-2.81	-0.0455	0°C								
	East-West	-3.56	-0.075	3°C								
	Carport	-3.56	-0.075	3°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											

Module Characterizations	Module	Uploaded By	Characterization
	Q.PEAK DUO XL-G10.c 490 (Qcells)	HelioScope	Spec Sheet Characterization, PAN

Component Characterizations	Device	Uploaded By	Characterization
	SE120K (480V) (SolarEdge)	HelioScope	Spec Sheet
	P1101 (SolarEdge)	HelioScope	Mfg Spec Sheet

Components

Component	Name	Count
Inverters	SE120K (480V) (SolarEdge)	6 (720.0 kW)
Strings	10 AWG (Copper)	78 (11,845.7 ft)
Optimizers	P1101 (SolarEdge)	936 (1.03 MW)
Module	Qcells, Q.PEAK DUO XL-G10.c 490 (490W)	1,850 (906.5 kW)

Wiring Zones

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	13-24	Along Racking

Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Carport	Portrait (Vertical)	3°	177.22653°	0.0 ft	1x1	1,850	1,850	906.5 kW

Detailed Layout2

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APPENDIX D:
SHADE REPORTS

Dominion Energy Solutions℠

Hermitage High School Advanced Career Education (ACE) Center

Henrico County 2025 RFP, 8350 Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Shading by Field Segment

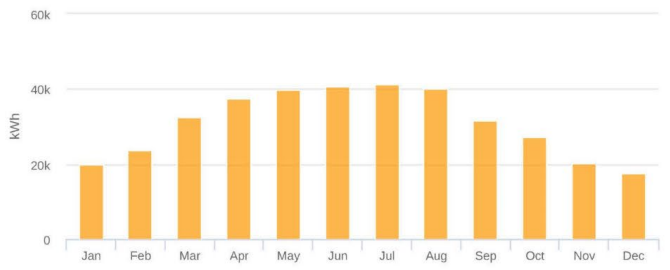
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 1	Module: 10.0°	Module: 186.9°	356	174.4 kWp	1,647.6kWh/m^2	249.0 MWh[1]	93.1%	98.7%	91.8%
Field Segment 2	Module: 10.0°	Module: 186.9°	85	41.7 kWp	1,558.6kWh/m^2	56.9 MWh[1]	93.1%	93.3%	86.9%
Field Segment 3	Module: 10.0°	Module: 186.9°	63	30.9 kWp	1,619.0kWh/m^2	43.5 MWh[1]	93.1%	96.9%	90.2%
Field Segment 4	Module: 10.0°	Module: 186.9°	34	16.7 kWp	1,549.2kWh/m^2	22.7 MWh[1]	93.1%	92.8%	86.3%
Totals, weighted by kWp			**538**	**263.6 kWp**	**1,624.0kWh/m^2**	**372.1 MWh**	**93.1%**	**97.2%**	**90.5%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

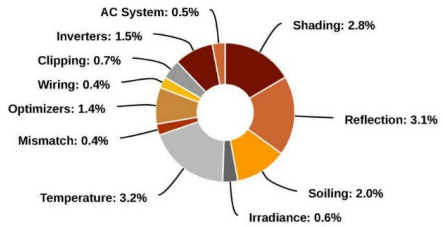
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	97%	98%	99%	99%	99%	99%	99%	99%	99%	99%	97%	94%
Field Segment 2	88%	91%	93%	95%	95%	95%	95%	95%	94%	93%	89%	87%
Field Segment 3	94%	97%	98%	97%	97%	97%	98%	98%	98%	98%	95%	92%
Field Segment 4	84%	92%	95%	95%	95%	94%	95%	94%	95%	94%	87%	82%
Solar Access, weighted by kWp	**94.2%**	**96.6%**	**97.8%**	**98.0%**	**98.0%**	**98.0%**	**98.2%**	**98.0%**	**97.9%**	**97.5%**	**95.1%**	**92.1%**
AC Power (kWh)	**19,984.0**	**23,645.0**	**32,398.5**	**37,538.4**	**39,888.7**	**40,642.5**	**41,273.6**	**40,008.7**	**31,711.6**	**27,319.2**	**20,210.4**	**17,439.9**

Monthly Production



Sources of System Loss



Southwestern Angle

Southeastern Angle

New Jackson Davis Elementary School_final Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Dominion Energy Solutions℠

Shading by Field Segment

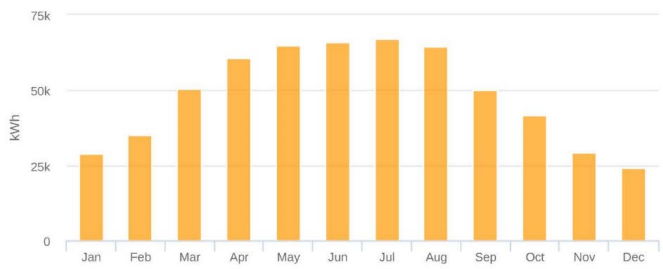
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 1	Module: 10.0°	Module: 25.7°	46	22.5 kWp	1,230.6kWh/m^2	24.1 MWh[1]	78.9%	86.9%	68.6%
Field Segment 2	Module: 10.0°	Module: 155.0°	153	75.0 kWp	1,600.7kWh/m^2	102.6 MWh[1]	92.7%	96.2%	89.2%
Field Segment 3	Module: 10.0°	Module: 204.0°	155	76.0 kWp	1,571.3kWh/m^2	102.1 MWh[1]	91.7%	95.5%	87.6%
Field Segment 4	Module: 10.0°	Module: 177.8°	119	58.3 kWp	1,643.2kWh/m^2	81.7 MWh[1]	93.4%	98.1%	91.6%
Field Segment 5	Module: 10.0°	Module: 152.2°	159	77.9 kWp	1,513.3kWh/m^2	101.4 MWh[1]	92.6%	91.1%	84.3%
Field Segment 6	Module: 10.0°	Module: 160.0°	53	26.0 kWp	1,625.3kWh/m^2	36.0 MWh[1]	93.0%	97.4%	90.6%
Field Segment 7	Module: 10.0°	Module: 165.5°	78	38.2 kWp	1,357.9kWh/m^2	45.0 MWh[1]	93.2%	81.2%	75.7%
Field Segment 8	Module: 10.0°	Module: 177.2°	55	27.0 kWp	1,578.8kWh/m^2	36.4 MWh[1]	93.4%	94.2%	88.0%
Field Segment 9	Module: 10.0°	Module: 177.0°	80	39.2 kWp	1,576.2kWh/m^2	52.9 MWh[1]	93.4%	94.1%	87.8%
Totals, weighted by kWp			**898**	**440.0 kWp**	**1,543.7kWh/m^2**	**582.2 MWh**	**92.0%**	**93.5%**	**86.0%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

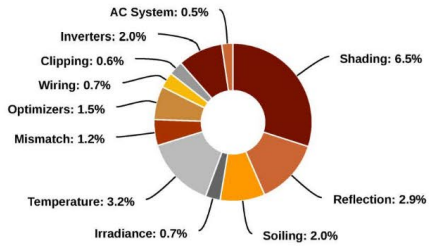
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	83%	86%	89%	88%	87%	86%	88%	88%	88%	88%	84%	82%
Field Segment 2	92%	94%	97%	98%	98%	98%	98%	98%	97%	96%	92%	88%
Field Segment 3	90%	93%	96%	97%	97%	97%	97%	97%	96%	95%	91%	90%
Field Segment 4	95%	98%	99%	99%	99%	99%	99%	99%	99%	99%	96%	91%
Field Segment 5	86%	88%	91%	93%	93%	93%	93%	93%	93%	91%	86%	81%
Field Segment 6	95%	96%	98%	98%	98%	98%	99%	98%	98%	97%	94%	92%
Field Segment 7	58%	67%	81%	89%	91%	90%	91%	90%	84%	75%	62%	49%
Field Segment 8	86%	92%	94%	97%	97%	97%	97%	97%	96%	92%	88%	84%
Field Segment 9	86%	92%	94%	97%	96%	96%	97%	97%	96%	93%	88%	84%
Solar Access, weighted by kWp	**86.8%**	**90.6%**	**93.9%**	**95.5%**	**95.6%**	**95.5%**	**95.9%**	**95.7%**	**94.8%**	**92.5%**	**87.9%**	**83.3%**
AC Power (kWh)	**28,830.1**	**35,192.6**	**50,596.1**	**60,675.2**	**64,893.9**	**65,792.4**	**66,858.7**	**64,276.9**	**49,974.5**	**41,682.5**	**29,306.1**	**24,139.0**

Monthly Production



Sources of System Loss



Southwestern Angle

Southeastern Angle

Dominion Energy Solutions℠

New Jackson Davis Elementary School_240kWac Henrico County 2025 RFP,

8350 Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Shading by Field Segment

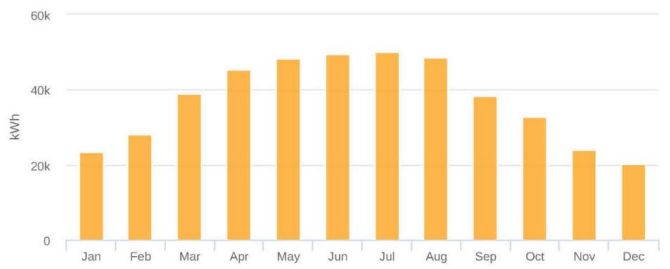
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 2	Module: 10.0°	Module: 155.0°	129	63.2 kWp	1,614.9kWh/m^2	87.5 MWh[1]	92.7%	97.1%	90.0%
Field Segment 3	Module: 10.0°	Module: 204.0°	120	58.8 kWp	1,598.9kWh/m^2	80.6 MWh[1]	91.6%	97.3%	89.1%
Field Segment 4	Module: 10.0°	Module: 177.8°	119	58.3 kWp	1,640.2kWh/m^2	81.9 MWh[1]	93.3%	98.0%	91.4%
Field Segment 5	Module: 10.0°	Module: 152.2°	91	44.6 kWp	1,532.6kWh/m^2	59.1 MWh[1]	92.6%	92.3%	85.4%
Field Segment 6	Module: 10.0°	Module: 160.0°	53	26.0 kWp	1,621.8kWh/m^2	36.1 MWh[1]	92.9%	97.3%	90.4%
Field Segment 7	Module: 10.0°	Module: 165.5°	45	22.1 kWp	1,490.8kWh/m^2	28.5 MWh[1]	93.1%	89.2%	83.1%
Field Segment 8	Module: 10.0°	Module: 177.2°	45	22.1 kWp	1,617.8kWh/m^2	30.6 MWh[1]	93.3%	96.6%	90.2%
Field Segment 9	Module: 10.0°	Module: 177.0°	65	31.9 kWp	1,593.5kWh/m^2	43.6 MWh[1]	93.3%	95.2%	88.8%
Totals, weighted by kWp			**667**	**326.8 kWp**	**1,595.6kWh/m^2**	**447.9 MWh**	**92.8%**	**95.9%**	**88.9%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,793.8kWh/m^2 at 35.1° tilt and 181.6° azimuth

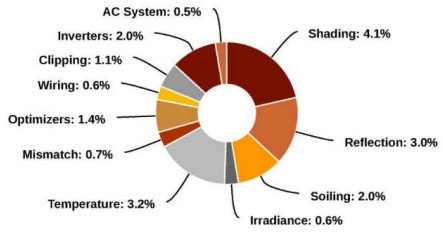
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 2	95%	96%	98%	98%	98%	98%	98%	98%	98%	97%	94%	91%
Field Segment 3	93%	96%	98%	98%	98%	98%	98%	98%	98%	97%	94%	93%
Field Segment 4	94%	98%	99%	99%	99%	99%	99%	99%	99%	99%	96%	91%
Field Segment 5	87%	90%	93%	94%	94%	93%	94%	94%	94%	92%	88%	85%
Field Segment 6	94%	96%	98%	98%	98%	98%	98%	98%	98%	97%	94%	92%
Field Segment 7	76%	86%	92%	92%	93%	92%	93%	92%	92%	90%	83%	67%
Field Segment 8	95%	96%	97%	97%	97%	98%	98%	98%	97%	96%	95%	90%
Field Segment 9	91%	95%	95%	97%	96%	96%	96%	97%	96%	95%	93%	89%
Solar Access, weighted by kWp	**91.7%**	**94.7%**	**96.5%**	**97.1%**	**97.0%**	**96.9%**	**97.2%**	**97.1%**	**96.9%**	**95.9%**	**92.8%**	**88.7%**
AC Power (kWh)	**23,534.8**	**28,199.9**	**39,008.0**	**45,502.5**	**48,269.6**	**49,325.5**	**50,150.6**	**48,552.2**	**38,438.3**	**32,852.6**	**23,886.5**	**20,216.0**

Monthly Production



Sources of System Loss



Southwestern Angle

Southeastern Angle

New R.C. Longan Elementary School_final Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Dominion Energy Solutions℠

Shading by Field Segment

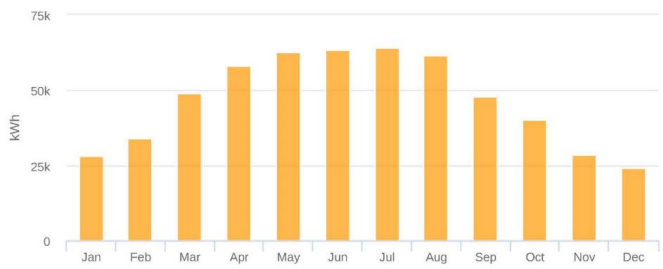
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 1	Module: 10.0°	Module: 212.5°	53	26.0 kWp	1,330.3kWh/m^2	30.1 MWh[1]	91.4%	81.1%	74.1%
Field Segment 2	Module: 10.0°	Module: 160.6°	169	82.8 kWp	1,586.3kWh/m^2	112.3 MWh[1]	93.3%	94.8%	88.4%
Field Segment 3	Module: 10.0°	Module: 212.0°	156	76.4 kWp	1,574.6kWh/m^2	102.8 MWh[1]	91.4%	96.0%	87.8%
Field Segment 4	Module: 10.0°	Module: 185.0°	100	49.0 kWp	1,627.5kWh/m^2	68.0 MWh[1]	92.6%	97.9%	90.7%
Field Segment 5	Module: 10.0°	Module: 161.1°	157	76.9 kWp	1,531.1kWh/m^2	101.1 MWh[1]	93.3%	91.5%	85.3%
Field Segment 6	Module: 10.0°	Module: 160.0°	58	28.4 kWp	1,609.6kWh/m^2	39.0 MWh[1]	93.3%	96.2%	89.7%
Field Segment 7	Module: 10.0°	Module: 173.0°	50	24.5 kWp	1,413.9kWh/m^2	30.1 MWh[1]	93.6%	84.1%	78.8%
Field Segment 8	Module: 10.0°	Module: 185.8°	54	26.5 kWp	1,599.4kWh/m^2	36.1 MWh[1]	92.6%	96.3%	89.1%
Field Segment 9	Module: 10.0°	Module: 185.8°	64	31.4 kWp	1,566.7kWh/m^2	42.0 MWh[1]	92.6%	94.3%	87.3%
Totals, weighted by kWp			**861**	**421.9 kWp**	**1,554.0kWh/m^2**	**561.6 MWh**	**92.7%**	**93.4%**	**86.6%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

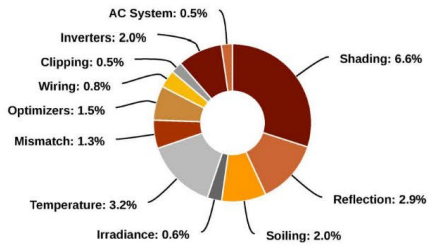
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	63%	70%	81%	86%	88%	89%	90%	88%	82%	75%	65%	58%
Field Segment 2	90%	93%	95%	96%	97%	97%	97%	97%	96%	94%	89%	87%
Field Segment 3	91%	94%	96%	97%	97%	98%	98%	98%	97%	95%	91%	90%
Field Segment 4	96%	98%	98%	98%	98%	99%	99%	98%	98%	98%	97%	93%
Field Segment 5	85%	89%	93%	93%	93%	93%	93%	94%	93%	91%	85%	82%
Field Segment 6	92%	94%	96%	97%	98%	98%	98%	97%	97%	96%	93%	90%
Field Segment 7	76%	81%	85%	85%	86%	86%	87%	85%	85%	82%	84%	76%
Field Segment 8	92%	96%	96%	97%	97%	97%	98%	97%	97%	96%	94%	89%
Field Segment 9	86%	90%	94%	98%	97%	97%	97%	97%	96%	92%	88%	83%
Solar Access, weighted by kWp	**87.5%**	**90.9%**	**93.9%**	**95.1%**	**95.4%**	**95.4%**	**95.8%**	**95.4%**	**94.5%**	**92.5%**	**88.5%**	**84.8%**
AC Power (kWh)	**28,195.6**	**34,100.5**	**48,967.6**	**58,210.2**	**62,546.8**	**63,147.9**	**64,008.6**	**61,548.2**	**48,005.6**	**40,282.6**	**28,612.0**	**23,987.4**

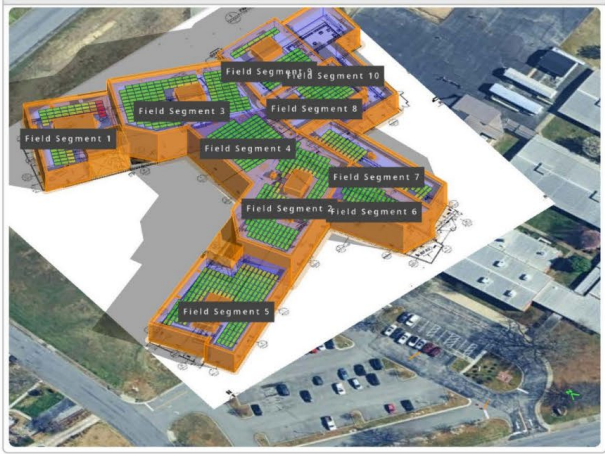
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

Dominion Energy Solutions℠

New R.C. Longan Elementary School_240kWac Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Shading by Field Segment

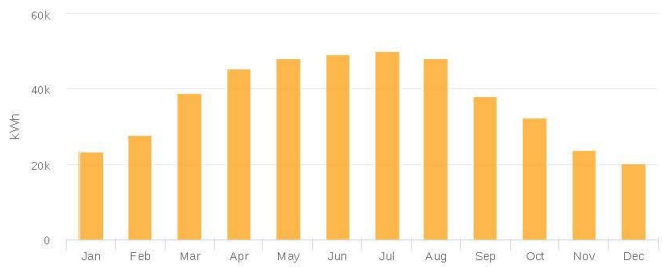
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 2	Module: 10.0°	Module: 160.6°	148	72.5 kWp	1,612.1kWh/m^2	100.3 MWh[1]	93.3%	96.3%	89.8%
Field Segment 3	Module: 10.0°	Module: 212.0°	141	69.1 kWp	1,585.0kWh/m^2	94.0 MWh[1]	91.5%	96.6%	88.3%
Field Segment 4	Module: 10.0°	Module: 185.0°	100	49.0 kWp	1,625.8kWh/m^2	68.2 MWh[1]	92.6%	97.8%	90.6%
Field Segment 5	Module: 10.0°	Module: 161.1°	107	52.4 kWp	1,576.8kWh/m^2	71.2 MWh[1]	93.3%	94.2%	87.9%
Field Segment 6	Module: 10.0°	Module: 160.0°	58	28.4 kWp	1,605.0kWh/m^2	39.2 MWh[1]	93.3%	95.9%	89.4%
Field Segment 8	Module: 10.0°	Module: 185.8°	45	22.1 kWp	1,610.7kWh/m^2	30.5 MWh[1]	92.6%	96.9%	89.8%
Field Segment 9	Module: 10.0°	Module: 185.8°	64	31.4 kWp	1,561.7kWh/m^2	42.2 MWh[1]	92.6%	94.0%	87.0%
Totals, weighted by kWp			663	324.9 kWp	1,597.1kWh/m^2	445.5 MWh	92.7%	96.0%	89.0%

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

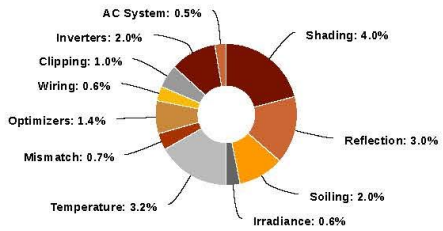
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 2	93%	95%	97%	97%	97%	97%	98%	97%	97%	96%	93%	90%
Field Segment 3	92%	95%	97%	98%	98%	98%	98%	98%	97%	96%	94%	92%
Field Segment 4	96%	97%	98%	98%	98%	99%	99%	98%	98%	98%	97%	93%
Field Segment 5	90%	93%	95%	95%	95%	95%	95%	95%	95%	95%	91%	87%
Field Segment 6	92%	94%	96%	97%	97%	97%	98%	97%	97%	96%	91%	90%
Field Segment 8	94%	96%	97%	98%	98%	98%	98%	98%	97%	97%	96%	92%
Field Segment 9	85%	89%	94%	97%	97%	97%	97%	97%	95%	92%	87%	82%
Solar Access, weighted by kWp	**91.9%**	**94.6%**	**96.5%**	**97.1%**	**97.2%**	**97.2%**	**97.4%**	**97.3%**	**96.9%**	**95.8%**	**92.7%**	**89.7%**
AC Power (kWh)	**23,347.3**	**27,874.8**	**38,784.3**	**45,250.1**	**48,163.9**	**49,217.0**	**50,017.6**	**48,390.7**	**38,181.4**	**32,544.3**	**23,600.3**	**20,157.6**

Monthly Production



Sources of System Loss



Southwestern Angle

Southeastern Angle

Dominion Energy Solutions℠

Virginia Randolph Academy_240kWac Henrico County 2025 RFP, 8350 Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Shading by Field Segment

Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 7	Module: 10.0°	Module: 226.2°	240	117.6 kWp	1,573.3kWh/m^2	157.0 MWh[1]	90.9%	96.5%	87.7%
Field Segment 8	Module: 10.0°	Module: 216.1°	191	93.6 kWp	1,567.8kWh/m^2	124.3 MWh[1]	91.8%	95.2%	87.4%
Field Segment 9	Module: 10.0°	Module: 221.0°	236	115.6 kWp	1,354.2kWh/m^2	130.5 MWh[1]	91.4%	82.6%	75.5%
Totals, weighted by kWp			667	326.8 kWp	1,494.2kWh/m^2	411.8 MWh	91.3%	91.2%	83.3%

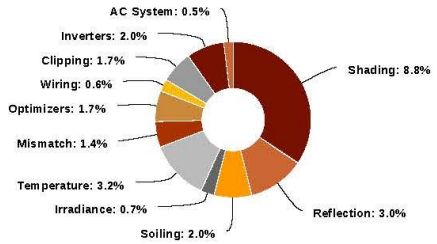
[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

Solar Access by Month

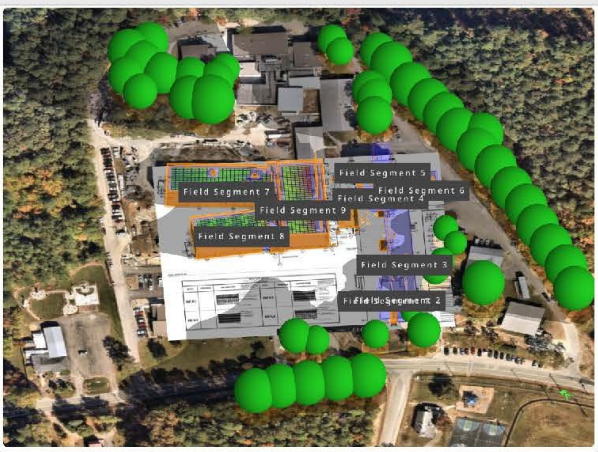
Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 7	92%	94%	96%	98%	98%	98%	98%	98%	97%	95%	92%	90%
Field Segment 8	92%	92%	95%	96%	97%	98%	97%	97%	95%	93%	91%	90%
Field Segment 9	72%	75%	81%	85%	88%	89%	89%	87%	83%	77%	72%	68%
Solar Access, weighted by kWp	84.7%	86.7%	90.4%	92.7%	94.1%	94.9%	94.6%	93.7%	91.4%	88.4%	85.1%	82.2%
AC Power (kWh)	20,505.8	24,189.1	35,085.4	42,289.5	46,245.9	47,863.9	48,059.2	46,079.6	34,994.4	28,651.7	20,611.3	17,258.5

Monthly Production

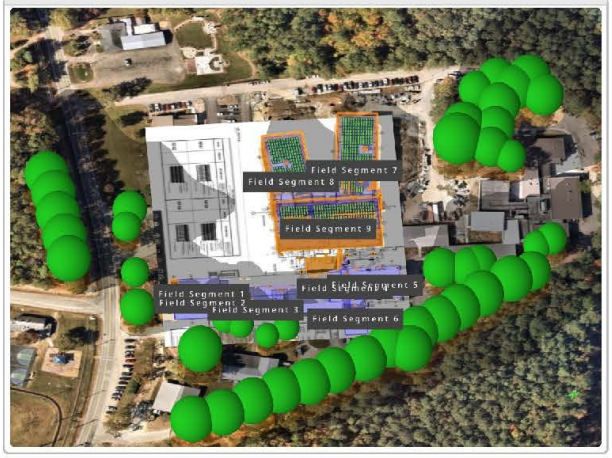
Sources of System Loss



Southwestern Angle



Southeastern Angle



Western Government Center Parking Deck Henrico County 2025 RFP, 8350

Hermitage High Blvd, Richmond, VA 23228

Shading Heatmap

Shading by Field Segment

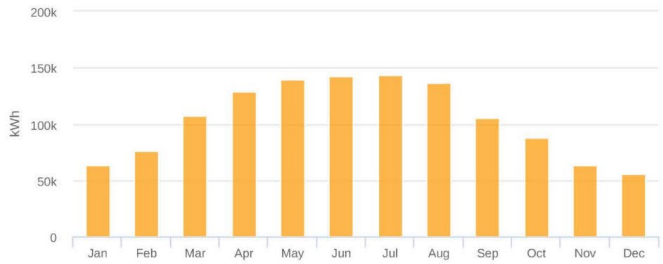
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 1	3.0°	177.2°	1,850	906.5 kWp	1,591.6kWh/m^2	1.25 GWh[1]	88.7%	100.0%	88.7%
Totals, weighted by kWp			**1,850**	**906.5 kWp**	**1,591.6kWh/m^2**	**1.25 GWh**	**88.7%**	**100.0%**	**88.7%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,794.3kWh/m^2 at 33.7° tilt and 180.7° azimuth

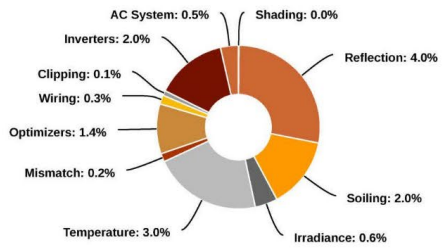
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Solar Access, weighted by kWp	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**
AC Power (kWh)	**63,504.7**	**75,683.1**	**107,615.0**	**128,689.1**	**139,779.8**	**142,557.9**	**143,342.4**	**136,508.7**	**105,200.2**	**88,063.1**	**63,780.3**	**55,278.6**

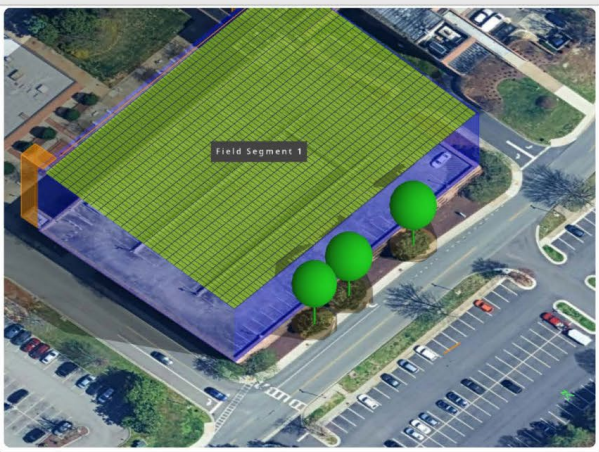
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$ 0.1280	0.00%	$ (52,706)	0.1100	3.00%	$ 45,294	$ (7,412)	$ (7,412)
2	409,503	0.55%	$ 0.1280	0.00%	$ (52,416)	0.1133	3.00%	$ 46,397	$ (6,020)	$ (13,432)
3	407,251	0.55%	$ 0.1280	0.00%	$ (52,128)	0.1167	3.00%	$ 47,526	$ (4,602)	$ (18,034)
4	405,011	0.55%	$ 0.1280	0.00%	$ (51,841)	0.1202	3.00%	$ 48,682	$ (3,159)	$ (21,193)
5	402,784	0.55%	$ 0.1280	0.00%	$ (51,556)	0.1238	3.00%	$ 49,867	$ (1,689)	$ (22,882)
6	400,568	0.55%	$ 0.1280	0.00%	$ (51,273)	0.1275	3.00%	$ 51,081	$ (192)	$ (23,074)
7	398,365	0.55%	$ 0.1280	0.00%	$ (50,991)	0.1313	3.00%	$ 52,324	$ 1,333	$ (21,742)
8	396,174	0.55%	$ 0.1280	0.00%	$ (50,710)	0.1353	3.00%	$ 53,597	$ 2,887	$ (18,855)
9	393,995	0.55%	$ 0.1280	0.00%	$ (50,431)	0.1393	3.00%	$ 54,901	$ 4,470	$ (14,385)
10	391,828	0.55%	$ 0.1280	0.00%	$ (50,154)	0.1435	3.00%	$ 56,237	$ 6,083	$ (8,302)
11	389,673	0.55%	$ 0.1280	0.00%	$ (49,878)	0.1478	3.00%	$ 57,606	$ 7,728	$ (575)
12	387,530	0.55%	$ 0.1280	0.00%	$ (49,604)	0.1523	3.00%	$ 59,008	$ 9,404	$ 8,829
13	385,399	0.55%	$ 0.1280	0.00%	$ (49,331)	0.1568	3.00%	$ 60,443	$ 11,112	$ 19,942
14	383,279	0.55%	$ 0.1280	0.00%	$ (49,060)	0.1615	3.00%	$ 61,914	$ 12,855	$ 32,796
15	381,171	0.55%	$ 0.1280	0.00%	$ (48,790)	0.1664	3.00%	$ 63,421	$ 14,631	$ 47,427
16	379,074	0.55%	$ 0.1280	0.00%	$ (48,522)	0.1714	3.00%	$ 64,964	$ 16,443	$ 63,870
17	376,989	0.55%	$ 0.1280	0.00%	$ (48,255)	0.1765	3.00%	$ 66,545	$ 18,291	$ 82,161
18	374,916	0.55%	$ 0.1280	0.00%	$ (47,989)	0.1818	3.00%	$ 68,165	$ 20,175	$ 102,336
19	372,854	0.55%	$ 0.1280	0.00%	$ (47,725)	0.1873	3.00%	$ 69,823	$ 22,098	$ 124,435
20	370,803	0.55%	$ 0.1280	0.00%	$ (47,463)	0.1929	3.00%	$ 71,523	$ 24,060	$ 148,494
21	368,764	0.55%	$ 0.1280	0.00%	$ (47,202)	0.1987	3.00%	$ 73,263	$ 26,061	$ 174,556
22	366,736	0.55%	$ 0.1280	0.00%	$ (46,942)	0.2046	3.00%	$ 75,046	$ 28,104	$ 202,660
23	364,719	0.55%	$ 0.1280	0.00%	$ (46,684)	0.2108	3.00%	$ 76,872	$ 30,188	$ 232,848
24	362,713	0.55%	$ 0.1280	0.00%	$ (46,427)	0.2171	3.00%	$ 78,743	$ 32,316	$ 265,164
25	360,718	0.55%	$ 0.1280	0.00%	$ (46,172)	0.2236	3.00%	$ 80,659	$ 34,487	$ 299,651
26	358,734	0.55%	$ 0.1280	0.00%	$ (45,918)	0.2303	3.00%	$ 82,622	$ 36,704	$ 336,355
27	356,761	0.55%	$ 0.1280	0.00%	$ (45,665)	0.2372	3.00%	$ 84,633	$ 38,967	$ 375,322
28	354,799	0.55%	$ 0.1280	0.00%	$ (45,414)	0.2443	3.00%	$ 86,692	$ 41,278	$ 416,600
29	352,847	0.55%	$ 0.1280	0.00%	$ (45,164)	0.2517	3.00%	$ 88,802	$ 43,637	$ 460,237
30	350,907	0.55%	$ 0.1280	0.00%	$ (44,916)	0.2592	3.00%	$ 90,963	$ 46,047	$ 506,284
31	348,977	0.55%	$ 0.1280	0.00%	$ (44,669)	0.2670	3.00%	$ 93,176	$ 48,507	$ 554,791
32	347,057	0.55%	$ 0.1280	0.00%	$ (44,423)	0.2750	3.00%	$ 95,444	$ 51,020	$ 605,812
33	345,148	0.55%	$ 0.1280	0.00%	$ (44,179)	0.2833	3.00%	$ 97,766	$ 53,587	$ 659,399
34	343,250	0.55%	$ 0.1280	0.00%	$ (43,936)	0.2918	3.00%	$ 100,146	$ 56,210	$ 715,609
35	341,362	0.55%	$ 0.1280	0.00%	$ (43,694)	0.3005	3.00%	$ 102,583	$ 58,888	$ 774,497
Total	13,142,426				$ (1,682,230)			$ 2,456,728	$ 774,497	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1280
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 45,294	$ 1,533,902	$ 2,456,728
Total PPA Payments	$ (52,706)	$ (1,234,251)	$ (1,682,230)
Net Benefit	$ (7,412)	$ 299,651	$ 774,497

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$ 0.1130	0.00%	$ (42,041)	0.1100	3.00%	$ 40,925	$ (1,116)	$ (1,116)
2	369,999	0.55%	$ 0.1130	0.00%	$ (41,810)	0.1133	3.00%	$ 41,921	$ 111	$ (1,005)
3	367,964	0.55%	$ 0.1130	0.00%	$ (41,580)	0.1167	3.00%	$ 42,941	$ 1,361	$ 356
4	365,940	0.55%	$ 0.1130	0.00%	$ (41,351)	0.1202	3.00%	$ 43,986	$ 2,635	$ 2,991
5	363,927	0.55%	$ 0.1130	0.00%	$ (41,124)	0.1238	3.00%	$ 45,056	$ 3,933	$ 6,923
6	361,926	0.55%	$ 0.1130	0.00%	$ (40,898)	0.1275	3.00%	$ 46,153	$ 5,255	$ 12,179
7	359,935	0.55%	$ 0.1130	0.00%	$ (40,673)	0.1313	3.00%	$ 47,276	$ 6,603	$ 18,782
8	357,955	0.55%	$ 0.1130	0.00%	$ (40,449)	0.1353	3.00%	$ 48,426	$ 7,977	$ 26,759
9	355,987	0.55%	$ 0.1130	0.00%	$ (40,227)	0.1393	3.00%	$ 49,605	$ 9,378	$ 36,138
10	354,029	0.55%	$ 0.1130	0.00%	$ (40,005)	0.1435	3.00%	$ 50,812	$ 10,807	$ 46,944
11	352,082	0.55%	$ 0.1130	0.00%	$ (39,785)	0.1478	3.00%	$ 52,049	$ 12,263	$ 59,208
12	350,145	0.55%	$ 0.1130	0.00%	$ (39,566)	0.1523	3.00%	$ 53,315	$ 13,749	$ 72,956
13	348,219	0.55%	$ 0.1130	0.00%	$ (39,349)	0.1568	3.00%	$ 54,613	$ 15,264	$ 88,220
14	346,304	0.55%	$ 0.1130	0.00%	$ (39,132)	0.1615	3.00%	$ 55,942	$ 16,809	$ 105,029
15	344,400	0.55%	$ 0.1130	0.00%	$ (38,917)	0.1664	3.00%	$ 57,303	$ 18,386	$ 123,415
16	342,505	0.55%	$ 0.1130	0.00%	$ (38,703)	0.1714	3.00%	$ 58,697	$ 19,994	$ 143,409
17	340,622	0.55%	$ 0.1130	0.00%	$ (38,490)	0.1765	3.00%	$ 60,126	$ 21,636	$ 165,045
18	338,748	0.55%	$ 0.1130	0.00%	$ (38,279)	0.1818	3.00%	$ 61,589	$ 23,310	$ 188,355
19	336,885	0.55%	$ 0.1130	0.00%	$ (38,068)	0.1873	3.00%	$ 63,088	$ 25,020	$ 213,375
20	335,032	0.55%	$ 0.1130	0.00%	$ (37,859)	0.1929	3.00%	$ 64,623	$ 26,764	$ 240,139
21	333,189	0.55%	$ 0.1130	0.00%	$ (37,650)	0.1987	3.00%	$ 66,195	$ 28,545	$ 268,684
22	331,357	0.55%	$ 0.1130	0.00%	$ (37,443)	0.2046	3.00%	$ 67,806	$ 30,363	$ 299,047
23	329,534	0.55%	$ 0.1130	0.00%	$ (37,237)	0.2108	3.00%	$ 69,456	$ 32,219	$ 331,266
24	327,722	0.55%	$ 0.1130	0.00%	$ (37,033)	0.2171	3.00%	$ 71,147	$ 34,114	$ 365,380
25	325,920	0.55%	$ 0.1130	0.00%	$ (36,829)	0.2236	3.00%	$ 72,878	$ 36,049	$ 401,429
26	324,127	0.55%	$ 0.1130	0.00%	$ (36,626)	0.2303	3.00%	$ 74,651	$ 38,025	$ 439,454
27	322,344	0.55%	$ 0.1130	0.00%	$ (36,425)	0.2372	3.00%	$ 76,468	$ 40,043	$ 479,498
28	320,571	0.55%	$ 0.1130	0.00%	$ (36,225)	0.2443	3.00%	$ 78,329	$ 42,104	$ 521,602
29	318,808	0.55%	$ 0.1130	0.00%	$ (36,025)	0.2517	3.00%	$ 80,235	$ 44,210	$ 565,812
30	317,055	0.55%	$ 0.1130	0.00%	$ (35,827)	0.2592	3.00%	$ 82,188	$ 46,360	$ 612,172
31	315,311	0.55%	$ 0.1130	0.00%	$ (35,630)	0.2670	3.00%	$ 84,188	$ 48,558	$ 660,730
32	313,577	0.55%	$ 0.1130	0.00%	$ (35,434)	0.2750	3.00%	$ 86,236	$ 50,802	$ 711,532
33	311,852	0.55%	$ 0.1130	0.00%	$ (35,239)	0.2833	3.00%	$ 88,335	$ 53,096	$ 764,628
34	310,137	0.55%	$ 0.1130	0.00%	$ (35,045)	0.2918	3.00%	$ 90,485	$ 55,439	$ 820,067
35	308,431	0.55%	$ 0.1130	0.00%	$ (34,853)	0.3005	3.00%	$ 92,687	$ 57,834	$ 877,901
Total	11,874,585				$ (1,341,828)			$ 2,219,729	$ 877,901	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1130
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 40,925	$ 1,385,927	$ 2,219,729
Total PPA Payments	$ (42,041)	$ (984,498)	$ (1,341,828)
Net Benefit	$ (1,116)	$ 401,429	$ 877,901

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$ 0.1220	0.00%	$ (71,029)	0.1100	3.00%	$ 64,043	$ (6,986)	$ (6,986)
2	579,006	0.55%	$ 0.1220	0.00%	$ (70,639)	0.1133	3.00%	$ 65,601	$ (5,037)	$ (12,024)
3	575,821	0.55%	$ 0.1220	0.00%	$ (70,250)	0.1167	3.00%	$ 67,198	$ (3,052)	$ (15,076)
4	572,654	0.55%	$ 0.1220	0.00%	$ (69,864)	0.1202	3.00%	$ 68,833	$ (1,031)	$ (16,107)
5	569,505	0.55%	$ 0.1220	0.00%	$ (69,480)	0.1238	3.00%	$ 70,508	$ 1,029	$ (15,079)
6	566,372	0.55%	$ 0.1220	0.00%	$ (69,097)	0.1275	3.00%	$ 72,224	$ 3,126	$ (11,952)
7	563,257	0.55%	$ 0.1220	0.00%	$ (68,717)	0.1313	3.00%	$ 73,981	$ 5,264	$ (6,688)
8	560,159	0.55%	$ 0.1220	0.00%	$ (68,339)	0.1353	3.00%	$ 75,782	$ 7,442	$ 754
9	557,079	0.55%	$ 0.1220	0.00%	$ (67,964)	0.1393	3.00%	$ 77,626	$ 9,662	$ 10,417
10	554,015	0.55%	$ 0.1220	0.00%	$ (67,590)	0.1435	3.00%	$ 79,515	$ 11,925	$ 22,342
11	550,968	0.55%	$ 0.1220	0.00%	$ (67,218)	0.1478	3.00%	$ 81,450	$ 14,232	$ 36,574
12	547,937	0.55%	$ 0.1220	0.00%	$ (66,848)	0.1523	3.00%	$ 83,432	$ 16,584	$ 53,158
13	544,924	0.55%	$ 0.1220	0.00%	$ (66,481)	0.1568	3.00%	$ 85,462	$ 18,982	$ 72,139
14	541,927	0.55%	$ 0.1220	0.00%	$ (66,115)	0.1615	3.00%	$ 87,542	$ 21,427	$ 93,566
15	538,946	0.55%	$ 0.1220	0.00%	$ (65,751)	0.1664	3.00%	$ 89,672	$ 23,921	$ 117,487
16	535,982	0.55%	$ 0.1220	0.00%	$ (65,390)	0.1714	3.00%	$ 91,855	$ 26,465	$ 143,952
17	533,034	0.55%	$ 0.1220	0.00%	$ (65,030)	0.1765	3.00%	$ 94,090	$ 29,060	$ 173,012
18	530,102	0.55%	$ 0.1220	0.00%	$ (64,672)	0.1818	3.00%	$ 96,380	$ 31,707	$ 204,719
19	527,187	0.55%	$ 0.1220	0.00%	$ (64,317)	0.1873	3.00%	$ 98,725	$ 34,408	$ 239,127
20	524,287	0.55%	$ 0.1220	0.00%	$ (63,963)	0.1929	3.00%	$ 101,127	$ 37,164	$ 276,292
21	521,403	0.55%	$ 0.1220	0.00%	$ (63,611)	0.1987	3.00%	$ 103,588	$ 39,977	$ 316,269
22	518,536	0.55%	$ 0.1220	0.00%	$ (63,261)	0.2046	3.00%	$ 106,109	$ 42,848	$ 359,117
23	515,684	0.55%	$ 0.1220	0.00%	$ (62,913)	0.2108	3.00%	$ 108,691	$ 45,778	$ 404,895
24	512,848	0.55%	$ 0.1220	0.00%	$ (62,567)	0.2171	3.00%	$ 111,336	$ 48,769	$ 453,664
25	510,027	0.55%	$ 0.1220	0.00%	$ (62,223)	0.2236	3.00%	$ 114,046	$ 51,822	$ 505,486
26	507,222	0.55%	$ 0.1220	0.00%	$ (61,881)	0.2303	3.00%	$ 116,821	$ 54,940	$ 560,426
27	504,432	0.55%	$ 0.1220	0.00%	$ (61,541)	0.2372	3.00%	$ 119,664	$ 58,123	$ 618,549
28	501,658	0.55%	$ 0.1220	0.00%	$ (61,202)	0.2443	3.00%	$ 122,576	$ 61,374	$ 679,923
29	498,899	0.55%	$ 0.1220	0.00%	$ (60,866)	0.2517	3.00%	$ 125,559	$ 64,693	$ 744,616
30	496,155	0.55%	$ 0.1220	0.00%	$ (60,531)	0.2592	3.00%	$ 128,614	$ 68,083	$ 812,700
31	493,426	0.55%	$ 0.1220	0.00%	$ (60,198)	0.2670	3.00%	$ 131,744	$ 71,546	$ 884,246
32	490,712	0.55%	$ 0.1220	0.00%	$ (59,867)	0.2750	3.00%	$ 134,950	$ 75,083	$ 959,329
33	488,013	0.55%	$ 0.1220	0.00%	$ (59,538)	0.2833	3.00%	$ 138,234	$ 78,697	$ 1,038,026
34	485,329	0.55%	$ 0.1220	0.00%	$ (59,210)	0.2918	3.00%	$ 141,598	$ 82,388	$ 1,120,414
35	482,660	0.55%	$ 0.1220	0.00%	$ (58,884)	0.3005	3.00%	$ 145,044	$ 86,159	$ 1,206,573
Total	18,582,370				$ (2,267,049)			$ 3,473,622	$ 1,206,573	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1220
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 64,043	$ 2,168,818	$ 3,473,622
Total PPA Payments	$ (71,029)	$ (1,663,332)	$ (2,267,049)
Net Benefit	$ (6,986)	$ 505,486	$ 1,206,573

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$ 0.1170	0.00%	$ (52,402)	0.1100	3.00%	$ 49,267	$ (3,135)	$ (3,135)
2	445,416	0.55%	$ 0.1170	0.00%	$ (52,114)	0.1133	3.00%	$ 50,466	$ (1,648)	$ (4,783)
3	442,966	0.55%	$ 0.1170	0.00%	$ (51,827)	0.1167	3.00%	$ 51,694	$ (133)	$ (4,917)
4	440,530	0.55%	$ 0.1170	0.00%	$ (51,542)	0.1202	3.00%	$ 52,952	$ 1,410	$ (3,507)
5	438,107	0.55%	$ 0.1170	0.00%	$ (51,259)	0.1238	3.00%	$ 54,240	$ 2,982	$ (525)
6	435,697	0.55%	$ 0.1170	0.00%	$ (50,977)	0.1275	3.00%	$ 55,560	$ 4,584	$ 4,058
7	433,301	0.55%	$ 0.1170	0.00%	$ (50,696)	0.1313	3.00%	$ 56,912	$ 6,216	$ 10,275
8	430,918	0.55%	$ 0.1170	0.00%	$ (50,417)	0.1353	3.00%	$ 58,297	$ 7,880	$ 18,154
9	428,548	0.55%	$ 0.1170	0.00%	$ (50,140)	0.1393	3.00%	$ 59,716	$ 9,576	$ 27,730
10	426,191	0.55%	$ 0.1170	0.00%	$ (49,864)	0.1435	3.00%	$ 61,169	$ 11,305	$ 39,035
11	423,847	0.55%	$ 0.1170	0.00%	$ (49,590)	0.1478	3.00%	$ 62,658	$ 13,068	$ 52,102
12	421,516	0.55%	$ 0.1170	0.00%	$ (49,317)	0.1523	3.00%	$ 64,182	$ 14,865	$ 66,967
13	419,197	0.55%	$ 0.1170	0.00%	$ (49,046)	0.1568	3.00%	$ 65,744	$ 16,698	$ 83,666
14	416,892	0.55%	$ 0.1170	0.00%	$ (48,776)	0.1615	3.00%	$ 67,344	$ 18,568	$ 102,233
15	414,599	0.55%	$ 0.1170	0.00%	$ (48,508)	0.1664	3.00%	$ 68,983	$ 20,475	$ 122,708
16	412,319	0.55%	$ 0.1170	0.00%	$ (48,241)	0.1714	3.00%	$ 70,662	$ 22,420	$ 145,129
17	410,051	0.55%	$ 0.1170	0.00%	$ (47,976)	0.1765	3.00%	$ 72,381	$ 24,405	$ 169,534
18	407,796	0.55%	$ 0.1170	0.00%	$ (47,712)	0.1818	3.00%	$ 74,143	$ 26,431	$ 195,965
19	405,553	0.55%	$ 0.1170	0.00%	$ (47,450)	0.1873	3.00%	$ 75,947	$ 28,497	$ 224,462
20	403,322	0.55%	$ 0.1170	0.00%	$ (47,189)	0.1929	3.00%	$ 77,795	$ 30,606	$ 255,068
21	401,104	0.55%	$ 0.1170	0.00%	$ (46,929)	0.1987	3.00%	$ 79,688	$ 32,759	$ 287,827
22	398,898	0.55%	$ 0.1170	0.00%	$ (46,671)	0.2046	3.00%	$ 81,627	$ 34,956	$ 322,784
23	396,704	0.55%	$ 0.1170	0.00%	$ (46,414)	0.2108	3.00%	$ 83,614	$ 37,199	$ 359,983
24	394,522	0.55%	$ 0.1170	0.00%	$ (46,159)	0.2171	3.00%	$ 85,649	$ 39,489	$ 399,473
25	392,352	0.55%	$ 0.1170	0.00%	$ (45,905)	0.2236	3.00%	$ 87,733	$ 41,828	$ 441,300
26	390,194	0.55%	$ 0.1170	0.00%	$ (45,653)	0.2303	3.00%	$ 89,868	$ 44,215	$ 485,515
27	388,048	0.55%	$ 0.1170	0.00%	$ (45,402)	0.2372	3.00%	$ 92,055	$ 46,653	$ 532,168
28	385,914	0.55%	$ 0.1170	0.00%	$ (45,152)	0.2443	3.00%	$ 94,295	$ 49,143	$ 581,311
29	383,791	0.55%	$ 0.1170	0.00%	$ (44,904)	0.2517	3.00%	$ 96,590	$ 51,686	$ 632,997
30	381,680	0.55%	$ 0.1170	0.00%	$ (44,657)	0.2592	3.00%	$ 98,940	$ 54,283	$ 687,281
31	379,581	0.55%	$ 0.1170	0.00%	$ (44,411)	0.2670	3.00%	$ 101,348	$ 56,937	$ 744,217
32	377,494	0.55%	$ 0.1170	0.00%	$ (44,167)	0.2750	3.00%	$ 103,814	$ 59,647	$ 803,865
33	375,417	0.55%	$ 0.1170	0.00%	$ (43,924)	0.2833	3.00%	$ 106,340	$ 62,417	$ 866,281
34	373,353	0.55%	$ 0.1170	0.00%	$ (43,682)	0.2918	3.00%	$ 108,928	$ 65,246	$ 931,527
35	371,299	0.55%	$ 0.1170	0.00%	$ (43,442)	0.3005	3.00%	$ 111,579	$ 68,137	$ 999,664
Total	14,294,995				$ (1,672,514)			$ 2,672,179	$ 999,664	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 49,267	$ 1,668,422	$ 2,672,179
Total PPA Payments	$ (52,402)	$ (1,227,122)	$ (1,672,514)
Net Benefit	$ (3,135)	$ 441,300	$ 999,664

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$ 0.1190	0.00%	$ (66,844)	0.1100	3.00%	$ 61,789	$ (5,055)	$ (5,055)
2	558,628	0.55%	$ 0.1190	0.00%	$ (66,477)	0.1133	3.00%	$ 63,293	$ (3,184)	$ (8,240)
3	555,556	0.55%	$ 0.1190	0.00%	$ (66,111)	0.1167	3.00%	$ 64,833	$ (1,278)	$ (9,518)
4	552,500	0.55%	$ 0.1190	0.00%	$ (65,748)	0.1202	3.00%	$ 66,411	$ 663	$ (8,855)
5	549,461	0.55%	$ 0.1190	0.00%	$ (65,386)	0.1238	3.00%	$ 68,027	$ 2,641	$ (6,214)
6	546,439	0.55%	$ 0.1190	0.00%	$ (65,026)	0.1275	3.00%	$ 69,682	$ 4,656	$ (1,559)
7	543,434	0.55%	$ 0.1190	0.00%	$ (64,669)	0.1313	3.00%	$ 71,378	$ 6,709	$ 5,151
8	540,445	0.55%	$ 0.1190	0.00%	$ (64,313)	0.1353	3.00%	$ 73,115	$ 8,802	$ 13,952
9	537,473	0.55%	$ 0.1190	0.00%	$ (63,959)	0.1393	3.00%	$ 74,894	$ 10,935	$ 24,887
10	534,517	0.55%	$ 0.1190	0.00%	$ (63,607)	0.1435	3.00%	$ 76,717	$ 13,109	$ 37,996
11	531,577	0.55%	$ 0.1190	0.00%	$ (63,258)	0.1478	3.00%	$ 78,583	$ 15,326	$ 53,322
12	528,653	0.55%	$ 0.1190	0.00%	$ (62,910)	0.1523	3.00%	$ 80,496	$ 17,586	$ 70,908
13	525,745	0.55%	$ 0.1190	0.00%	$ (62,564)	0.1568	3.00%	$ 82,455	$ 19,891	$ 90,799
14	522,854	0.55%	$ 0.1190	0.00%	$ (62,220)	0.1615	3.00%	$ 84,461	$ 22,242	$ 113,040
15	519,978	0.55%	$ 0.1190	0.00%	$ (61,877)	0.1664	3.00%	$ 86,516	$ 24,639	$ 137,679
16	517,118	0.55%	$ 0.1190	0.00%	$ (61,537)	0.1714	3.00%	$ 88,622	$ 27,085	$ 164,764
17	514,274	0.55%	$ 0.1190	0.00%	$ (61,199)	0.1765	3.00%	$ 90,778	$ 29,580	$ 194,344
18	511,446	0.55%	$ 0.1190	0.00%	$ (60,862)	0.1818	3.00%	$ 92,988	$ 32,126	$ 226,470
19	508,633	0.55%	$ 0.1190	0.00%	$ (60,527)	0.1873	3.00%	$ 95,250	$ 34,723	$ 261,193
20	505,835	0.55%	$ 0.1190	0.00%	$ (60,194)	0.1929	3.00%	$ 97,568	$ 37,374	$ 298,567
21	503,053	0.55%	$ 0.1190	0.00%	$ (59,863)	0.1987	3.00%	$ 99,943	$ 40,079	$ 338,646
22	500,286	0.55%	$ 0.1190	0.00%	$ (59,534)	0.2046	3.00%	$ 102,375	$ 42,841	$ 381,487
23	497,535	0.55%	$ 0.1190	0.00%	$ (59,207)	0.2108	3.00%	$ 104,866	$ 45,659	$ 427,146
24	494,798	0.55%	$ 0.1190	0.00%	$ (58,881)	0.2171	3.00%	$ 107,418	$ 48,537	$ 475,683
25	492,077	0.55%	$ 0.1190	0.00%	$ (58,557)	0.2236	3.00%	$ 110,032	$ 51,475	$ 527,158
26	489,370	0.55%	$ 0.1190	0.00%	$ (58,235)	0.2303	3.00%	$ 112,710	$ 54,475	$ 581,633
27	486,679	0.55%	$ 0.1190	0.00%	$ (57,915)	0.2372	3.00%	$ 115,452	$ 57,538	$ 639,170
28	484,002	0.55%	$ 0.1190	0.00%	$ (57,596)	0.2443	3.00%	$ 118,262	$ 60,666	$ 699,836
29	481,340	0.55%	$ 0.1190	0.00%	$ (57,279)	0.2517	3.00%	$ 121,140	$ 63,860	$ 763,696
30	478,693	0.55%	$ 0.1190	0.00%	$ (56,964)	0.2592	3.00%	$ 124,088	$ 67,123	$ 830,820
31	476,060	0.55%	$ 0.1190	0.00%	$ (56,651)	0.2670	3.00%	$ 127,107	$ 70,456	$ 901,276
32	473,442	0.55%	$ 0.1190	0.00%	$ (56,340)	0.2750	3.00%	$ 130,201	$ 73,861	$ 975,137
33	470,838	0.55%	$ 0.1190	0.00%	$ (56,030)	0.2833	3.00%	$ 133,369	$ 77,339	$ 1,052,477
34	468,248	0.55%	$ 0.1190	0.00%	$ (55,722)	0.2918	3.00%	$ 136,615	$ 80,893	$ 1,133,370
35	465,673	0.55%	$ 0.1190	0.00%	$ (55,415)	0.3005	3.00%	$ 139,939	$ 84,524	$ 1,217,894
Total	17,928,378				$ (2,133,477)			$ 3,351,371	$ 1,217,894	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1190
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 61,789	$ 2,092,488	$ 3,351,371
Total PPA Payments	$ (66,844)	$ (1,565,330)	$ (2,133,477)
Net Benefit	$ (5,055)	$ 527,158	$ 1,217,894

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$ 0.1170	0.00%	$ (52,131)	0.1100	3.00%	$ 49,012	$ (3,119)	$ (3,119)
2	443,117	0.55%	$ 0.1170	0.00%	$ (51,845)	0.1133	3.00%	$ 50,205	$ (1,640)	$ (4,759)
3	440,680	0.55%	$ 0.1170	0.00%	$ (51,560)	0.1167	3.00%	$ 51,427	$ (133)	$ (4,891)
4	438,256	0.55%	$ 0.1170	0.00%	$ (51,276)	0.1202	3.00%	$ 52,678	$ 1,402	$ (3,489)
5	435,846	0.55%	$ 0.1170	0.00%	$ (50,994)	0.1238	3.00%	$ 53,960	$ 2,966	$ (522)
6	433,449	0.55%	$ 0.1170	0.00%	$ (50,714)	0.1275	3.00%	$ 55,273	$ 4,560	$ 4,038
7	431,065	0.55%	$ 0.1170	0.00%	$ (50,435)	0.1313	3.00%	$ 56,619	$ 6,184	$ 10,222
8	428,694	0.55%	$ 0.1170	0.00%	$ (50,157)	0.1353	3.00%	$ 57,996	$ 7,839	$ 18,061
9	426,336	0.55%	$ 0.1170	0.00%	$ (49,881)	0.1393	3.00%	$ 59,408	$ 9,526	$ 27,587
10	423,991	0.55%	$ 0.1170	0.00%	$ (49,607)	0.1435	3.00%	$ 60,853	$ 11,246	$ 38,833
11	421,659	0.55%	$ 0.1170	0.00%	$ (49,334)	0.1478	3.00%	$ 62,334	$ 13,000	$ 51,833
12	419,340	0.55%	$ 0.1170	0.00%	$ (49,063)	0.1523	3.00%	$ 63,851	$ 14,788	$ 66,622
13	417,034	0.55%	$ 0.1170	0.00%	$ (48,793)	0.1568	3.00%	$ 65,405	$ 16,612	$ 83,234
14	414,740	0.55%	$ 0.1170	0.00%	$ (48,525)	0.1615	3.00%	$ 66,997	$ 18,472	$ 101,706
15	412,459	0.55%	$ 0.1170	0.00%	$ (48,258)	0.1664	3.00%	$ 68,627	$ 20,369	$ 122,075
16	410,191	0.55%	$ 0.1170	0.00%	$ (47,992)	0.1714	3.00%	$ 70,297	$ 22,305	$ 144,380
17	407,935	0.55%	$ 0.1170	0.00%	$ (47,728)	0.1765	3.00%	$ 72,008	$ 24,279	$ 168,659
18	405,691	0.55%	$ 0.1170	0.00%	$ (47,466)	0.1818	3.00%	$ 73,760	$ 26,294	$ 194,953
19	403,460	0.55%	$ 0.1170	0.00%	$ (47,205)	0.1873	3.00%	$ 75,555	$ 28,350	$ 223,303
20	401,241	0.55%	$ 0.1170	0.00%	$ (46,945)	0.1929	3.00%	$ 77,394	$ 30,448	$ 253,752
21	399,034	0.55%	$ 0.1170	0.00%	$ (46,687)	0.1987	3.00%	$ 79,277	$ 32,590	$ 286,342
22	396,839	0.55%	$ 0.1170	0.00%	$ (46,430)	0.2046	3.00%	$ 81,206	$ 34,776	$ 321,118
23	394,656	0.55%	$ 0.1170	0.00%	$ (46,175)	0.2108	3.00%	$ 83,182	$ 37,007	$ 358,125
24	392,486	0.55%	$ 0.1170	0.00%	$ (45,921)	0.2171	3.00%	$ 85,207	$ 39,286	$ 397,411
25	390,327	0.55%	$ 0.1170	0.00%	$ (45,668)	0.2236	3.00%	$ 87,280	$ 41,612	$ 439,023
26	388,180	0.55%	$ 0.1170	0.00%	$ (45,417)	0.2303	3.00%	$ 89,404	$ 43,987	$ 483,009
27	386,045	0.55%	$ 0.1170	0.00%	$ (45,167)	0.2372	3.00%	$ 91,580	$ 46,412	$ 529,422
28	383,922	0.55%	$ 0.1170	0.00%	$ (44,919)	0.2443	3.00%	$ 93,808	$ 48,889	$ 578,311
29	381,811	0.55%	$ 0.1170	0.00%	$ (44,672)	0.2517	3.00%	$ 96,091	$ 51,419	$ 629,730
30	379,711	0.55%	$ 0.1170	0.00%	$ (44,426)	0.2592	3.00%	$ 98,429	$ 54,003	$ 683,734
31	377,622	0.55%	$ 0.1170	0.00%	$ (44,182)	0.2670	3.00%	$ 100,825	$ 56,643	$ 740,377
32	375,545	0.55%	$ 0.1170	0.00%	$ (43,939)	0.2750	3.00%	$ 103,278	$ 59,339	$ 799,716
33	373,480	0.55%	$ 0.1170	0.00%	$ (43,697)	0.2833	3.00%	$ 105,792	$ 62,094	$ 861,810
34	371,426	0.55%	$ 0.1170	0.00%	$ (43,457)	0.2918	3.00%	$ 108,366	$ 64,909	$ 926,720
35	369,383	0.55%	$ 0.1170	0.00%	$ (43,218)	0.3005	3.00%	$ 111,003	$ 67,785	$ 994,505
Total	14,221,218				$ (1,663,882)			$ 2,658,387	$ 994,505	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 49,012	$ 1,659,812	$ 2,658,387
Total PPA Payments	$ (52,131)	$ (1,220,789)	$ (1,663,882)
Net Benefit	$ (3,119)	$ 439,023	$ 994,505

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$ 0.1830	0.00%	$ (228,762)	0.1100	3.00%	$ 137,507	$ (91,255)	$ (91,255)
2	1,243,188	0.55%	$ 0.1830	0.00%	$ (227,503)	0.1133	3.00%	$ 140,853	$ (86,650)	$ (177,905)
3	1,236,351	0.55%	$ 0.1830	0.00%	$ (226,252)	0.1167	3.00%	$ 144,281	$ (81,971)	$ (259,876)
4	1,229,551	0.55%	$ 0.1830	0.00%	$ (225,008)	0.1202	3.00%	$ 147,792	$ (77,216)	$ (337,092)
5	1,222,788	0.55%	$ 0.1830	0.00%	$ (223,770)	0.1238	3.00%	$ 151,388	$ (72,382)	$ (409,474)
6	1,216,063	0.55%	$ 0.1830	0.00%	$ (222,539)	0.1275	3.00%	$ 155,073	$ (67,467)	$ (476,941)
7	1,209,374	0.55%	$ 0.1830	0.00%	$ (221,316)	0.1313	3.00%	$ 158,846	$ (62,469)	$ (539,410)
8	1,202,723	0.55%	$ 0.1830	0.00%	$ (220,098)	0.1353	3.00%	$ 162,712	$ (57,387)	$ (596,797)
9	1,196,108	0.55%	$ 0.1830	0.00%	$ (218,888)	0.1393	3.00%	$ 166,671	$ (52,216)	$ (649,013)
10	1,189,529	0.55%	$ 0.1830	0.00%	$ (217,684)	0.1435	3.00%	$ 170,727	$ (46,957)	$ (695,970)
11	1,182,987	0.55%	$ 0.1830	0.00%	$ (216,487)	0.1478	3.00%	$ 174,882	$ (41,605)	$ (737,574)
12	1,176,481	0.55%	$ 0.1830	0.00%	$ (215,296)	0.1523	3.00%	$ 179,138	$ (36,158)	$ (773,733)
13	1,170,010	0.55%	$ 0.1830	0.00%	$ (214,112)	0.1568	3.00%	$ 183,497	$ (30,615)	$ (804,347)
14	1,163,575	0.55%	$ 0.1830	0.00%	$ (212,934)	0.1615	3.00%	$ 187,962	$ (24,972)	$ (829,319)
15	1,157,175	0.55%	$ 0.1830	0.00%	$ (211,763)	0.1664	3.00%	$ 192,536	$ (19,227)	$ (848,546)
16	1,150,811	0.55%	$ 0.1830	0.00%	$ (210,598)	0.1714	3.00%	$ 197,222	$ (13,377)	$ (861,922)
17	1,144,481	0.55%	$ 0.1830	0.00%	$ (209,440)	0.1765	3.00%	$ 202,021	$ (7,419)	$ (869,341)
18	1,138,187	0.55%	$ 0.1830	0.00%	$ (208,288)	0.1818	3.00%	$ 206,937	$ (1,351)	$ (870,692)
19	1,131,927	0.55%	$ 0.1830	0.00%	$ (207,143)	0.1873	3.00%	$ 211,973	$ 4,831	$ (865,861)
20	1,125,701	0.55%	$ 0.1830	0.00%	$ (206,003)	0.1929	3.00%	$ 217,132	$ 11,128	$ (854,733)
21	1,119,510	0.55%	$ 0.1830	0.00%	$ (204,870)	0.1987	3.00%	$ 222,415	$ 17,545	$ (837,188)
22	1,113,352	0.55%	$ 0.1830	0.00%	$ (203,743)	0.2046	3.00%	$ 227,828	$ 24,084	$ (813,103)
23	1,107,229	0.55%	$ 0.1830	0.00%	$ (202,623)	0.2108	3.00%	$ 233,372	$ 30,749	$ (782,354)
24	1,101,139	0.55%	$ 0.1830	0.00%	$ (201,508)	0.2171	3.00%	$ 239,051	$ 37,543	$ (744,811)
25	1,095,083	0.55%	$ 0.1830	0.00%	$ (200,400)	0.2236	3.00%	$ 244,869	$ 44,468	$ (700,343)
26	1,089,060	0.55%	$ 0.1830	0.00%	$ (199,298)	0.2303	3.00%	$ 250,827	$ 51,529	$ (648,813)
27	1,083,070	0.55%	$ 0.1830	0.00%	$ (198,202)	0.2372	3.00%	$ 256,931	$ 58,730	$ (590,084)
28	1,077,113	0.55%	$ 0.1830	0.00%	$ (197,112)	0.2443	3.00%	$ 263,184	$ 66,072	$ (524,012)
29	1,071,189	0.55%	$ 0.1830	0.00%	$ (196,028)	0.2517	3.00%	$ 269,588	$ 73,561	$ (450,451)
30	1,065,298	0.55%	$ 0.1830	0.00%	$ (194,949)	0.2592	3.00%	$ 276,149	$ 81,199	$ (369,252)
31	1,059,438	0.55%	$ 0.1830	0.00%	$ (193,877)	0.2670	3.00%	$ 282,869	$ 88,992	$ (280,260)
32	1,053,611	0.55%	$ 0.1830	0.00%	$ (192,811)	0.2750	3.00%	$ 289,752	$ 96,942	$ (183,319)
33	1,047,817	0.55%	$ 0.1830	0.00%	$ (191,750)	0.2833	3.00%	$ 296,804	$ 105,053	$ (78,265)
34	1,042,054	0.55%	$ 0.1830	0.00%	$ (190,696)	0.2918	3.00%	$ 304,026	$ 113,330	$ 35,065
35	1,036,322	0.55%	$ 0.1830	0.00%	$ (189,647)	0.3005	3.00%	$ 311,425	$ 121,778	$ 156,843
Total	39,898,357				$ (7,301,399)			$ 7,458,242	$ 156,843	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1830
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 137,507	$ 4,656,686	$ 7,458,242
Total PPA Payments	$ (228,762)	$ (5,357,029)	$ (7,301,399)
Net Benefit	$ (91,255)	$ (700,343)	$ 156,843

	Va Randolph 240	ACE Center	Jackson Davis	Jackson Davis 240
Capacity	327	264	440	327
Production	411,768	372,045	582,208	447,879

RC Longan	RC Longan 240	Western Gov Ctr
422	325	907
561,718	445,568	1,250,064

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$ 0.1280	1.00%	$ (52,706)	0.1100	3.00%	$ 45,294	$ (7,412)	$ (7,412)
2	409,503	0.55%	$ 0.1293	1.00%	$ (52,941)	0.1133	3.00%	$ 46,397	$ (6,544)	$ (13,956)
3	407,251	0.55%	$ 0.1306	1.00%	$ (53,176)	0.1167	3.00%	$ 47,526	$ (5,650)	$ (19,606)
4	405,011	0.55%	$ 0.1319	1.00%	$ (53,412)	0.1202	3.00%	$ 48,682	$ (4,730)	$ (24,336)
5	402,784	0.55%	$ 0.1332	1.00%	$ (53,650)	0.1238	3.00%	$ 49,867	$ (3,783)	$ (28,118)
6	400,568	0.55%	$ 0.1345	1.00%	$ (53,888)	0.1275	3.00%	$ 51,081	$ (2,808)	$ (30,926)
7	398,365	0.55%	$ 0.1359	1.00%	$ (54,128)	0.1313	3.00%	$ 52,324	$ (1,804)	$ (32,730)
8	396,174	0.55%	$ 0.1372	1.00%	$ (54,368)	0.1353	3.00%	$ 53,597	$ (771)	$ (33,502)
9	393,995	0.55%	$ 0.1386	1.00%	$ (54,610)	0.1393	3.00%	$ 54,901	$ 291	$ (33,210)
10	391,828	0.55%	$ 0.1400	1.00%	$ (54,853)	0.1435	3.00%	$ 56,237	$ 1,384	$ (31,826)
11	389,673	0.55%	$ 0.1414	1.00%	$ (55,097)	0.1478	3.00%	$ 57,606	$ 2,509	$ (29,317)
12	387,530	0.55%	$ 0.1428	1.00%	$ (55,341)	0.1523	3.00%	$ 59,008	$ 3,666	$ (25,651)
13	385,399	0.55%	$ 0.1442	1.00%	$ (55,587)	0.1568	3.00%	$ 60,443	$ 4,856	$ (20,795)
14	383,279	0.55%	$ 0.1457	1.00%	$ (55,835)	0.1615	3.00%	$ 61,914	$ 6,080	$ (14,715)
15	381,171	0.55%	$ 0.1471	1.00%	$ (56,083)	0.1664	3.00%	$ 63,421	$ 7,338	$ (7,376)
16	379,074	0.55%	$ 0.1486	1.00%	$ (56,332)	0.1714	3.00%	$ 64,964	$ 8,632	$ 1,256
17	376,989	0.55%	$ 0.1501	1.00%	$ (56,582)	0.1765	3.00%	$ 66,545	$ 9,963	$ 11,219
18	374,916	0.55%	$ 0.1516	1.00%	$ (56,834)	0.1818	3.00%	$ 68,165	$ 11,331	$ 22,550
19	372,854	0.55%	$ 0.1531	1.00%	$ (57,087)	0.1873	3.00%	$ 69,823	$ 12,737	$ 35,287
20	370,803	0.55%	$ 0.1546	1.00%	$ (57,340)	0.1929	3.00%	$ 71,523	$ 14,182	$ 49,469
21	368,764	0.55%	$ 0.1562	1.00%	$ (57,595)	0.1987	3.00%	$ 73,263	$ 15,668	$ 65,137
22	366,736	0.55%	$ 0.1577	1.00%	$ (57,851)	0.2046	3.00%	$ 75,046	$ 17,195	$ 82,332
23	364,719	0.55%	$ 0.1593	1.00%	$ (58,108)	0.2108	3.00%	$ 76,872	$ 18,764	$ 101,096
24	362,713	0.55%	$ 0.1609	1.00%	$ (58,367)	0.2171	3.00%	$ 78,743	$ 20,376	$ 121,472
25	360,718	0.55%	$ 0.1625	1.00%	$ (58,626)	0.2236	3.00%	$ 80,659	$ 22,033	$ 143,505
26	358,734	0.55%	$ 0.1642	1.00%	$ (58,887)	0.2303	3.00%	$ 82,622	$ 23,735	$ 167,241
27	356,761	0.55%	$ 0.1658	1.00%	$ (59,148)	0.2372	3.00%	$ 84,633	$ 25,484	$ 192,725
28	354,799	0.55%	$ 0.1675	1.00%	$ (59,411)	0.2443	3.00%	$ 86,692	$ 27,281	$ 220,006
29	352,847	0.55%	$ 0.1691	1.00%	$ (59,675)	0.2517	3.00%	$ 88,802	$ 29,126	$ 249,132
30	350,907	0.55%	$ 0.1708	1.00%	$ (59,941)	0.2592	3.00%	$ 90,963	$ 31,022	$ 280,154
31	348,977	0.55%	$ 0.1725	1.00%	$ (60,207)	0.2670	3.00%	$ 93,176	$ 32,969	$ 313,124
32	347,057	0.55%	$ 0.1742	1.00%	$ (60,475)	0.2750	3.00%	$ 95,444	$ 34,969	$ 348,093
33	345,148	0.55%	$ 0.1760	1.00%	$ (60,743)	0.2833	3.00%	$ 97,766	$ 37,023	$ 385,116
34	343,250	0.55%	$ 0.1778	1.00%	$ (61,013)	0.2918	3.00%	$ 100,146	$ 39,132	$ 424,248
35	341,362	0.55%	$ 0.1795	1.00%	$ (61,285)	0.3005	3.00%	$ 102,583	$ 41,298	$ 465,546
Total	13,142,426				$ (1,991,182)			$ 2,456,728	$ 465,546	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1280
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 45,294	$ 1,533,902	$ 2,456,728
Total PPA Payments	$ (52,706)	$ (1,390,396)	$ (1,991,182)
Net Benefit	$ (7,412)	$ 143,505	$ 465,546

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$ 0.1130	1.00%	$ (42,041)	0.1100	3.00%	$ 40,925	$ (1,116)	$ (1,116)
2	369,999	0.55%	$ 0.1141	1.00%	$ (42,228)	0.1133	3.00%	$ 41,921	$ (307)	$ (1,423)
3	367,964	0.55%	$ 0.1153	1.00%	$ (42,416)	0.1167	3.00%	$ 42,941	$ 525	$ (898)
4	365,940	0.55%	$ 0.1164	1.00%	$ (42,604)	0.1202	3.00%	$ 43,986	$ 1,382	$ 484
5	363,927	0.55%	$ 0.1176	1.00%	$ (42,794)	0.1238	3.00%	$ 45,056	$ 2,263	$ 2,747
6	361,926	0.55%	$ 0.1188	1.00%	$ (42,984)	0.1275	3.00%	$ 46,153	$ 3,169	$ 5,916
7	359,935	0.55%	$ 0.1200	1.00%	$ (43,175)	0.1313	3.00%	$ 47,276	$ 4,101	$ 10,017
8	357,955	0.55%	$ 0.1212	1.00%	$ (43,367)	0.1353	3.00%	$ 48,426	$ 5,060	$ 15,076
9	355,987	0.55%	$ 0.1224	1.00%	$ (43,560)	0.1393	3.00%	$ 49,605	$ 6,045	$ 21,122
10	354,029	0.55%	$ 0.1236	1.00%	$ (43,753)	0.1435	3.00%	$ 50,812	$ 7,059	$ 28,181
11	352,082	0.55%	$ 0.1248	1.00%	$ (43,948)	0.1478	3.00%	$ 52,049	$ 8,101	$ 36,281
12	350,145	0.55%	$ 0.1261	1.00%	$ (44,143)	0.1523	3.00%	$ 53,315	$ 9,172	$ 45,454
13	348,219	0.55%	$ 0.1273	1.00%	$ (44,339)	0.1568	3.00%	$ 54,613	$ 10,273	$ 55,727
14	346,304	0.55%	$ 0.1286	1.00%	$ (44,536)	0.1615	3.00%	$ 55,942	$ 11,405	$ 67,132
15	344,400	0.55%	$ 0.1299	1.00%	$ (44,734)	0.1664	3.00%	$ 57,303	$ 12,569	$ 79,701
16	342,505	0.55%	$ 0.1312	1.00%	$ (44,933)	0.1714	3.00%	$ 58,697	$ 13,764	$ 93,465
17	340,622	0.55%	$ 0.1325	1.00%	$ (45,133)	0.1765	3.00%	$ 60,126	$ 14,993	$ 108,458
18	338,748	0.55%	$ 0.1338	1.00%	$ (45,333)	0.1818	3.00%	$ 61,589	$ 16,255	$ 124,713
19	336,885	0.55%	$ 0.1352	1.00%	$ (45,535)	0.1873	3.00%	$ 63,088	$ 17,553	$ 142,266
20	335,032	0.55%	$ 0.1365	1.00%	$ (45,737)	0.1929	3.00%	$ 64,623	$ 18,886	$ 161,152
21	333,189	0.55%	$ 0.1379	1.00%	$ (45,941)	0.1987	3.00%	$ 66,195	$ 20,255	$ 181,406
22	331,357	0.55%	$ 0.1393	1.00%	$ (46,145)	0.2046	3.00%	$ 67,806	$ 21,662	$ 203,068
23	329,534	0.55%	$ 0.1407	1.00%	$ (46,350)	0.2108	3.00%	$ 69,456	$ 23,106	$ 226,174
24	327,722	0.55%	$ 0.1421	1.00%	$ (46,556)	0.2171	3.00%	$ 71,147	$ 24,591	$ 250,765
25	325,920	0.55%	$ 0.1435	1.00%	$ (46,763)	0.2236	3.00%	$ 72,878	$ 26,115	$ 276,880
26	324,127	0.55%	$ 0.1449	1.00%	$ (46,971)	0.2303	3.00%	$ 74,651	$ 27,681	$ 304,561
27	322,344	0.55%	$ 0.1464	1.00%	$ (47,180)	0.2372	3.00%	$ 76,468	$ 29,289	$ 333,849
28	320,571	0.55%	$ 0.1478	1.00%	$ (47,389)	0.2443	3.00%	$ 78,329	$ 30,940	$ 364,789
29	318,808	0.55%	$ 0.1493	1.00%	$ (47,600)	0.2517	3.00%	$ 80,235	$ 32,635	$ 397,424
30	317,055	0.55%	$ 0.1508	1.00%	$ (47,812)	0.2592	3.00%	$ 82,188	$ 34,376	$ 431,800
31	315,311	0.55%	$ 0.1523	1.00%	$ (48,024)	0.2670	3.00%	$ 84,188	$ 36,164	$ 467,964
32	313,577	0.55%	$ 0.1538	1.00%	$ (48,238)	0.2750	3.00%	$ 86,236	$ 37,999	$ 505,963
33	311,852	0.55%	$ 0.1554	1.00%	$ (48,452)	0.2833	3.00%	$ 88,335	$ 39,883	$ 545,846
34	310,137	0.55%	$ 0.1569	1.00%	$ (48,667)	0.2918	3.00%	$ 90,485	$ 41,817	$ 587,663
35	308,431	0.55%	$ 0.1585	1.00%	$ (48,884)	0.3005	3.00%	$ 92,687	$ 43,803	$ 631,466
Total	11,874,585				$ (1,588,263)			$ 2,219,729	$ 631,466	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1130
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 40,925	$ 1,385,927	$ 2,219,729
Total PPA Payments	$ (42,041)	$ (1,109,047)	$ (1,588,263)
Net Benefit	$ (1,116)	$ 276,880	$ 631,466

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$ 0.1120	1.00%	$ (65,207)	0.1100	3.00%	$ 64,043	$ (1,164)	$ (1,164)
2	579,006	0.55%	$ 0.1131	1.00%	$ (65,497)	0.1133	3.00%	$ 65,601	$ 104	$ (1,060)
3	575,821	0.55%	$ 0.1143	1.00%	$ (65,788)	0.1167	3.00%	$ 67,198	$ 1,409	$ 349
4	572,654	0.55%	$ 0.1154	1.00%	$ (66,081)	0.1202	3.00%	$ 68,833	$ 2,752	$ 3,102
5	569,505	0.55%	$ 0.1165	1.00%	$ (66,374)	0.1238	3.00%	$ 70,508	$ 4,134	$ 7,235
6	566,372	0.55%	$ 0.1177	1.00%	$ (66,669)	0.1275	3.00%	$ 72,224	$ 5,554	$ 12,790
7	563,257	0.55%	$ 0.1189	1.00%	$ (66,966)	0.1313	3.00%	$ 73,981	$ 7,016	$ 19,805
8	560,159	0.55%	$ 0.1201	1.00%	$ (67,263)	0.1353	3.00%	$ 75,782	$ 8,518	$ 28,324
9	557,079	0.55%	$ 0.1213	1.00%	$ (67,562)	0.1393	3.00%	$ 77,626	$ 10,063	$ 38,387
10	554,015	0.55%	$ 0.1225	1.00%	$ (67,863)	0.1435	3.00%	$ 79,515	$ 11,652	$ 50,039
11	550,968	0.55%	$ 0.1237	1.00%	$ (68,164)	0.1478	3.00%	$ 81,450	$ 13,286	$ 63,325
12	547,937	0.55%	$ 0.1250	1.00%	$ (68,467)	0.1523	3.00%	$ 83,432	$ 14,965	$ 78,290
13	544,924	0.55%	$ 0.1262	1.00%	$ (68,772)	0.1568	3.00%	$ 85,462	$ 16,691	$ 94,980
14	541,927	0.55%	$ 0.1275	1.00%	$ (69,077)	0.1615	3.00%	$ 87,542	$ 18,465	$ 113,445
15	538,946	0.55%	$ 0.1287	1.00%	$ (69,384)	0.1664	3.00%	$ 89,672	$ 20,288	$ 133,733
16	535,982	0.55%	$ 0.1300	1.00%	$ (69,693)	0.1714	3.00%	$ 91,855	$ 22,162	$ 155,895
17	533,034	0.55%	$ 0.1313	1.00%	$ (70,003)	0.1765	3.00%	$ 94,090	$ 24,087	$ 179,982
18	530,102	0.55%	$ 0.1326	1.00%	$ (70,314)	0.1818	3.00%	$ 96,380	$ 26,066	$ 206,047
19	527,187	0.55%	$ 0.1340	1.00%	$ (70,626)	0.1873	3.00%	$ 98,725	$ 28,099	$ 234,146
20	524,287	0.55%	$ 0.1353	1.00%	$ (70,940)	0.1929	3.00%	$ 101,127	$ 30,187	$ 264,333
21	521,403	0.55%	$ 0.1367	1.00%	$ (71,256)	0.1987	3.00%	$ 103,588	$ 32,333	$ 296,666
22	518,536	0.55%	$ 0.1380	1.00%	$ (71,572)	0.2046	3.00%	$ 106,109	$ 34,537	$ 331,203
23	515,684	0.55%	$ 0.1394	1.00%	$ (71,891)	0.2108	3.00%	$ 108,691	$ 36,801	$ 368,004
24	512,848	0.55%	$ 0.1408	1.00%	$ (72,210)	0.2171	3.00%	$ 111,336	$ 39,126	$ 407,130
25	510,027	0.55%	$ 0.1422	1.00%	$ (72,531)	0.2236	3.00%	$ 114,046	$ 41,515	$ 448,645
26	507,222	0.55%	$ 0.1436	1.00%	$ (72,853)	0.2303	3.00%	$ 116,821	$ 43,968	$ 492,612
27	504,432	0.55%	$ 0.1451	1.00%	$ (73,177)	0.2372	3.00%	$ 119,664	$ 46,487	$ 539,099
28	501,658	0.55%	$ 0.1465	1.00%	$ (73,503)	0.2443	3.00%	$ 122,576	$ 49,073	$ 588,172
29	498,899	0.55%	$ 0.1480	1.00%	$ (73,829)	0.2517	3.00%	$ 125,559	$ 51,730	$ 639,902
30	496,155	0.55%	$ 0.1495	1.00%	$ (74,157)	0.2592	3.00%	$ 128,614	$ 54,457	$ 694,358
31	493,426	0.55%	$ 0.1510	1.00%	$ (74,487)	0.2670	3.00%	$ 131,744	$ 57,257	$ 751,615
32	490,712	0.55%	$ 0.1525	1.00%	$ (74,818)	0.2750	3.00%	$ 134,950	$ 60,132	$ 811,747
33	488,013	0.55%	$ 0.1540	1.00%	$ (75,151)	0.2833	3.00%	$ 138,234	$ 63,083	$ 874,831
34	485,329	0.55%	$ 0.1555	1.00%	$ (75,485)	0.2918	3.00%	$ 141,598	$ 66,113	$ 940,944
35	482,660	0.55%	$ 0.1571	1.00%	$ (75,820)	0.3005	3.00%	$ 145,044	$ 69,224	$ 1,010,167
Total	18,582,370				$ (2,463,455)			$ 3,473,622	$ 1,010,167	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1120
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 64,043	$ 2,168,818	$ 3,473,622
Total PPA Payments	$ (65,207)	$ (1,720,173)	$ (2,463,455)
Net Benefit	$ (1,164)	$ 448,645	$ 1,010,167

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$ 0.1070	1.00%	$ (47,923)	0.1100	3.00%	$ 49,267	$ 1,344	$ 1,344
2	445,416	0.55%	$ 0.1081	1.00%	$ (48,136)	0.1133	3.00%	$ 50,466	$ 2,330	$ 3,673
3	442,966	0.55%	$ 0.1092	1.00%	$ (48,350)	0.1167	3.00%	$ 51,694	$ 3,344	$ 7,017
4	440,530	0.55%	$ 0.1102	1.00%	$ (48,565)	0.1202	3.00%	$ 52,952	$ 4,387	$ 11,403
5	438,107	0.55%	$ 0.1113	1.00%	$ (48,781)	0.1238	3.00%	$ 54,240	$ 5,459	$ 16,863
6	435,697	0.55%	$ 0.1125	1.00%	$ (48,998)	0.1275	3.00%	$ 55,560	$ 6,563	$ 23,425
7	433,301	0.55%	$ 0.1136	1.00%	$ (49,215)	0.1313	3.00%	$ 56,912	$ 7,697	$ 31,122
8	430,918	0.55%	$ 0.1147	1.00%	$ (49,434)	0.1353	3.00%	$ 58,297	$ 8,863	$ 39,985
9	428,548	0.55%	$ 0.1159	1.00%	$ (49,654)	0.1393	3.00%	$ 59,716	$ 10,062	$ 50,047
10	426,191	0.55%	$ 0.1170	1.00%	$ (49,875)	0.1435	3.00%	$ 61,169	$ 11,294	$ 61,341
11	423,847	0.55%	$ 0.1182	1.00%	$ (50,096)	0.1478	3.00%	$ 62,658	$ 12,561	$ 73,903
12	421,516	0.55%	$ 0.1194	1.00%	$ (50,319)	0.1523	3.00%	$ 64,182	$ 13,863	$ 87,766
13	419,197	0.55%	$ 0.1206	1.00%	$ (50,543)	0.1568	3.00%	$ 65,744	$ 15,202	$ 102,967
14	416,892	0.55%	$ 0.1218	1.00%	$ (50,767)	0.1615	3.00%	$ 67,344	$ 16,577	$ 119,544
15	414,599	0.55%	$ 0.1230	1.00%	$ (50,993)	0.1664	3.00%	$ 68,983	$ 17,990	$ 137,534
16	412,319	0.55%	$ 0.1242	1.00%	$ (51,220)	0.1714	3.00%	$ 70,662	$ 19,442	$ 156,976
17	410,051	0.55%	$ 0.1255	1.00%	$ (51,447)	0.1765	3.00%	$ 72,381	$ 20,934	$ 177,910
18	407,796	0.55%	$ 0.1267	1.00%	$ (51,676)	0.1818	3.00%	$ 74,143	$ 22,467	$ 200,376
19	405,553	0.55%	$ 0.1280	1.00%	$ (51,906)	0.1873	3.00%	$ 75,947	$ 24,041	$ 224,418
20	403,322	0.55%	$ 0.1293	1.00%	$ (52,137)	0.1929	3.00%	$ 77,795	$ 25,659	$ 250,076
21	401,104	0.55%	$ 0.1306	1.00%	$ (52,368)	0.1987	3.00%	$ 79,688	$ 27,320	$ 277,396
22	398,898	0.55%	$ 0.1319	1.00%	$ (52,601)	0.2046	3.00%	$ 81,627	$ 29,026	$ 306,422
23	396,704	0.55%	$ 0.1332	1.00%	$ (52,835)	0.2108	3.00%	$ 83,614	$ 30,779	$ 337,201
24	394,522	0.55%	$ 0.1345	1.00%	$ (53,070)	0.2171	3.00%	$ 85,649	$ 32,579	$ 369,780
25	392,352	0.55%	$ 0.1359	1.00%	$ (53,306)	0.2236	3.00%	$ 87,733	$ 34,427	$ 404,208
26	390,194	0.55%	$ 0.1372	1.00%	$ (53,543)	0.2303	3.00%	$ 89,868	$ 36,325	$ 440,533
27	388,048	0.55%	$ 0.1386	1.00%	$ (53,781)	0.2372	3.00%	$ 92,055	$ 38,274	$ 478,807
28	385,914	0.55%	$ 0.1400	1.00%	$ (54,020)	0.2443	3.00%	$ 94,295	$ 40,275	$ 519,082
29	383,791	0.55%	$ 0.1414	1.00%	$ (54,260)	0.2517	3.00%	$ 96,590	$ 42,330	$ 561,412
30	381,680	0.55%	$ 0.1428	1.00%	$ (54,501)	0.2592	3.00%	$ 98,940	$ 44,439	$ 605,851
31	379,581	0.55%	$ 0.1442	1.00%	$ (54,743)	0.2670	3.00%	$ 101,348	$ 46,605	$ 652,456
32	377,494	0.55%	$ 0.1457	1.00%	$ (54,986)	0.2750	3.00%	$ 103,814	$ 48,828	$ 701,283
33	375,417	0.55%	$ 0.1471	1.00%	$ (55,231)	0.2833	3.00%	$ 106,340	$ 51,109	$ 752,393
34	373,353	0.55%	$ 0.1486	1.00%	$ (55,476)	0.2918	3.00%	$ 108,928	$ 53,452	$ 805,845
35	371,299	0.55%	$ 0.1501	1.00%	$ (55,723)	0.3005	3.00%	$ 111,579	$ 55,856	$ 861,701
Total	14,294,995				$ (1,810,478)			$ 2,672,179	$ 861,701	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 49,267	$ 1,668,422	$ 2,672,179
Total PPA Payments	$ (47,923)	$ (1,264,215)	$ (1,810,478)
Net Benefit	$ 1,344	$ 404,208	$ 861,701

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$ 0.1070	1.00%	$ (47,676)	0.1100	3.00%	$ 49,012	$ 1,337	$ 1,337
2	443,117	0.55%	$ 0.1081	1.00%	$ (47,888)	0.1133	3.00%	$ 50,205	$ 2,318	$ 3,654
3	440,680	0.55%	$ 0.1092	1.00%	$ (48,101)	0.1167	3.00%	$ 51,427	$ 3,326	$ 6,981
4	438,256	0.55%	$ 0.1102	1.00%	$ (48,314)	0.1202	3.00%	$ 52,678	$ 4,364	$ 11,345
5	435,846	0.55%	$ 0.1113	1.00%	$ (48,529)	0.1238	3.00%	$ 53,960	$ 5,431	$ 16,776
6	433,449	0.55%	$ 0.1125	1.00%	$ (48,745)	0.1275	3.00%	$ 55,273	$ 6,529	$ 23,305
7	431,065	0.55%	$ 0.1136	1.00%	$ (48,961)	0.1313	3.00%	$ 56,619	$ 7,657	$ 30,962
8	428,694	0.55%	$ 0.1147	1.00%	$ (49,179)	0.1353	3.00%	$ 57,996	$ 8,817	$ 39,779
9	426,336	0.55%	$ 0.1159	1.00%	$ (49,398)	0.1393	3.00%	$ 59,408	$ 10,010	$ 49,789
10	423,991	0.55%	$ 0.1170	1.00%	$ (49,617)	0.1435	3.00%	$ 60,853	$ 11,236	$ 61,025
11	421,659	0.55%	$ 0.1182	1.00%	$ (49,838)	0.1478	3.00%	$ 62,334	$ 12,496	$ 73,521
12	419,340	0.55%	$ 0.1194	1.00%	$ (50,059)	0.1523	3.00%	$ 63,851	$ 13,792	$ 87,313
13	417,034	0.55%	$ 0.1206	1.00%	$ (50,282)	0.1568	3.00%	$ 65,405	$ 15,123	$ 102,436
14	414,740	0.55%	$ 0.1218	1.00%	$ (50,505)	0.1615	3.00%	$ 66,997	$ 16,491	$ 118,927
15	412,459	0.55%	$ 0.1230	1.00%	$ (50,730)	0.1664	3.00%	$ 68,627	$ 17,897	$ 136,824
16	410,191	0.55%	$ 0.1242	1.00%	$ (50,955)	0.1714	3.00%	$ 70,297	$ 19,342	$ 156,166
17	407,935	0.55%	$ 0.1255	1.00%	$ (51,182)	0.1765	3.00%	$ 72,008	$ 20,826	$ 176,992
18	405,691	0.55%	$ 0.1267	1.00%	$ (51,409)	0.1818	3.00%	$ 73,760	$ 22,351	$ 199,342
19	403,460	0.55%	$ 0.1280	1.00%	$ (51,638)	0.1873	3.00%	$ 75,555	$ 23,917	$ 223,259
20	401,241	0.55%	$ 0.1293	1.00%	$ (51,867)	0.1929	3.00%	$ 77,394	$ 25,526	$ 248,785
21	399,034	0.55%	$ 0.1306	1.00%	$ (52,098)	0.1987	3.00%	$ 79,277	$ 27,179	$ 275,964
22	396,839	0.55%	$ 0.1319	1.00%	$ (52,330)	0.2046	3.00%	$ 81,206	$ 28,877	$ 304,841
23	394,656	0.55%	$ 0.1332	1.00%	$ (52,562)	0.2108	3.00%	$ 83,182	$ 30,620	$ 335,461
24	392,486	0.55%	$ 0.1345	1.00%	$ (52,796)	0.2171	3.00%	$ 85,207	$ 32,411	$ 367,872
25	390,327	0.55%	$ 0.1359	1.00%	$ (53,030)	0.2236	3.00%	$ 87,280	$ 34,250	$ 402,121
26	388,180	0.55%	$ 0.1372	1.00%	$ (53,266)	0.2303	3.00%	$ 89,404	$ 36,138	$ 438,259
27	386,045	0.55%	$ 0.1386	1.00%	$ (53,503)	0.2372	3.00%	$ 91,580	$ 38,077	$ 476,336
28	383,922	0.55%	$ 0.1400	1.00%	$ (53,741)	0.2443	3.00%	$ 93,808	$ 40,067	$ 516,403
29	381,811	0.55%	$ 0.1414	1.00%	$ (53,980)	0.2517	3.00%	$ 96,091	$ 42,111	$ 558,515
30	379,711	0.55%	$ 0.1428	1.00%	$ (54,220)	0.2592	3.00%	$ 98,429	$ 44,210	$ 602,724
31	377,622	0.55%	$ 0.1442	1.00%	$ (54,461)	0.2670	3.00%	$ 100,825	$ 46,364	$ 649,089
32	375,545	0.55%	$ 0.1457	1.00%	$ (54,703)	0.2750	3.00%	$ 103,278	$ 48,576	$ 697,664
33	373,480	0.55%	$ 0.1471	1.00%	$ (54,946)	0.2833	3.00%	$ 105,792	$ 50,846	$ 748,510
34	371,426	0.55%	$ 0.1486	1.00%	$ (55,190)	0.2918	3.00%	$ 108,366	$ 53,176	$ 801,686
35	369,383	0.55%	$ 0.1501	1.00%	$ (55,435)	0.3005	3.00%	$ 111,003	$ 55,568	$ 857,253
Total	14,221,218				$ (1,801,134)			$ 2,658,387	$ 857,253	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 49,012	$ 1,659,812	$ 2,658,387
Total PPA Payments	$ (47,676)	$ (1,257,690)	$ (1,801,134)
Net Benefit	$ 1,337	$ 402,121	$ 857,253

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$ 0.1090	1.00%	$ (61,227)	0.1100	3.00%	$ 61,789	$ 562	$ 562
2	558,628	0.55%	$ 0.1101	1.00%	$ (61,499)	0.1133	3.00%	$ 63,293	$ 1,793	$ 2,355
3	555,556	0.55%	$ 0.1112	1.00%	$ (61,773)	0.1167	3.00%	$ 64,833	$ 3,060	$ 5,415
4	552,500	0.55%	$ 0.1123	1.00%	$ (62,047)	0.1202	3.00%	$ 66,411	$ 4,363	$ 9,778
5	549,461	0.55%	$ 0.1134	1.00%	$ (62,323)	0.1238	3.00%	$ 68,027	$ 5,703	$ 15,482
6	546,439	0.55%	$ 0.1146	1.00%	$ (62,600)	0.1275	3.00%	$ 69,682	$ 7,082	$ 22,564
7	543,434	0.55%	$ 0.1157	1.00%	$ (62,878)	0.1313	3.00%	$ 71,378	$ 8,499	$ 31,063
8	540,445	0.55%	$ 0.1169	1.00%	$ (63,158)	0.1353	3.00%	$ 73,115	$ 9,957	$ 41,020
9	537,473	0.55%	$ 0.1180	1.00%	$ (63,439)	0.1393	3.00%	$ 74,894	$ 11,455	$ 52,475
10	534,517	0.55%	$ 0.1192	1.00%	$ (63,721)	0.1435	3.00%	$ 76,717	$ 12,996	$ 65,471
11	531,577	0.55%	$ 0.1204	1.00%	$ (64,004)	0.1478	3.00%	$ 78,583	$ 14,580	$ 80,050
12	528,653	0.55%	$ 0.1216	1.00%	$ (64,288)	0.1523	3.00%	$ 80,496	$ 16,207	$ 96,258
13	525,745	0.55%	$ 0.1228	1.00%	$ (64,574)	0.1568	3.00%	$ 82,455	$ 17,880	$ 114,138
14	522,854	0.55%	$ 0.1241	1.00%	$ (64,861)	0.1615	3.00%	$ 84,461	$ 19,600	$ 133,738
15	519,978	0.55%	$ 0.1253	1.00%	$ (65,149)	0.1664	3.00%	$ 86,516	$ 21,367	$ 155,105
16	517,118	0.55%	$ 0.1265	1.00%	$ (65,439)	0.1714	3.00%	$ 88,622	$ 23,183	$ 178,288
17	514,274	0.55%	$ 0.1278	1.00%	$ (65,730)	0.1765	3.00%	$ 90,778	$ 25,049	$ 203,337
18	511,446	0.55%	$ 0.1291	1.00%	$ (66,022)	0.1818	3.00%	$ 92,988	$ 26,965	$ 230,302
19	508,633	0.55%	$ 0.1304	1.00%	$ (66,316)	0.1873	3.00%	$ 95,250	$ 28,935	$ 259,237
20	505,835	0.55%	$ 0.1317	1.00%	$ (66,610)	0.1929	3.00%	$ 97,568	$ 30,958	$ 290,195
21	503,053	0.55%	$ 0.1330	1.00%	$ (66,906)	0.1987	3.00%	$ 99,943	$ 33,036	$ 323,231
22	500,286	0.55%	$ 0.1343	1.00%	$ (67,204)	0.2046	3.00%	$ 102,375	$ 35,171	$ 358,402
23	497,535	0.55%	$ 0.1357	1.00%	$ (67,503)	0.2108	3.00%	$ 104,866	$ 37,364	$ 395,766
24	494,798	0.55%	$ 0.1370	1.00%	$ (67,803)	0.2171	3.00%	$ 107,418	$ 39,615	$ 435,381
25	492,077	0.55%	$ 0.1384	1.00%	$ (68,104)	0.2236	3.00%	$ 110,032	$ 41,928	$ 477,309
26	489,370	0.55%	$ 0.1398	1.00%	$ (68,407)	0.2303	3.00%	$ 112,710	$ 44,303	$ 521,612
27	486,679	0.55%	$ 0.1412	1.00%	$ (68,711)	0.2372	3.00%	$ 115,452	$ 46,742	$ 568,354
28	484,002	0.55%	$ 0.1426	1.00%	$ (69,016)	0.2443	3.00%	$ 118,262	$ 49,246	$ 617,600
29	481,340	0.55%	$ 0.1440	1.00%	$ (69,323)	0.2517	3.00%	$ 121,140	$ 51,817	$ 669,417
30	478,693	0.55%	$ 0.1455	1.00%	$ (69,631)	0.2592	3.00%	$ 124,088	$ 54,457	$ 723,873
31	476,060	0.55%	$ 0.1469	1.00%	$ (69,941)	0.2670	3.00%	$ 127,107	$ 57,167	$ 781,040
32	473,442	0.55%	$ 0.1484	1.00%	$ (70,251)	0.2750	3.00%	$ 130,201	$ 59,949	$ 840,989
33	470,838	0.55%	$ 0.1499	1.00%	$ (70,564)	0.2833	3.00%	$ 133,369	$ 62,805	$ 903,795
34	468,248	0.55%	$ 0.1514	1.00%	$ (70,877)	0.2918	3.00%	$ 136,615	$ 65,737	$ 969,532
35	465,673	0.55%	$ 0.1529	1.00%	$ (71,192)	0.3005	3.00%	$ 139,939	$ 68,747	$ 1,038,279
Total	17,928,378				$ (2,313,092)			$ 3,351,371	$ 1,038,279	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1090
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 61,789	$ 2,092,488	$ 3,351,371
Total PPA Payments	$ (61,227)	$ (1,615,179)	$ (2,313,092)
Net Benefit	$ 562	$ 477,309	$ 1,038,279

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$ 0.1680	1.00%	$ (210,011)	0.1100	3.00%	$ 137,507	$ (72,504)	$ (72,504)
2	1,243,188	0.55%	$ 0.1697	1.00%	$ (210,944)	0.1133	3.00%	$ 140,853	$ (70,091)	$ (142,595)
3	1,236,351	0.55%	$ 0.1714	1.00%	$ (211,882)	0.1167	3.00%	$ 144,281	$ (67,601)	$ (210,196)
4	1,229,551	0.55%	$ 0.1731	1.00%	$ (212,824)	0.1202	3.00%	$ 147,792	$ (65,032)	$ (275,227)
5	1,222,788	0.55%	$ 0.1748	1.00%	$ (213,770)	0.1238	3.00%	$ 151,388	$ (62,381)	$ (337,608)
6	1,216,063	0.55%	$ 0.1766	1.00%	$ (214,720)	0.1275	3.00%	$ 155,073	$ (59,647)	$ (397,256)
7	1,209,374	0.55%	$ 0.1783	1.00%	$ (215,674)	0.1313	3.00%	$ 158,846	$ (56,828)	$ (454,084)
8	1,202,723	0.55%	$ 0.1801	1.00%	$ (216,633)	0.1353	3.00%	$ 162,712	$ (53,921)	$ (508,005)
9	1,196,108	0.55%	$ 0.1819	1.00%	$ (217,596)	0.1393	3.00%	$ 166,671	$ (50,925)	$ (558,930)
10	1,189,529	0.55%	$ 0.1837	1.00%	$ (218,563)	0.1435	3.00%	$ 170,727	$ (47,836)	$ (606,765)
11	1,182,987	0.55%	$ 0.1856	1.00%	$ (219,535)	0.1478	3.00%	$ 174,882	$ (44,653)	$ (651,418)
12	1,176,481	0.55%	$ 0.1874	1.00%	$ (220,510)	0.1523	3.00%	$ 179,138	$ (41,373)	$ (692,791)
13	1,170,010	0.55%	$ 0.1893	1.00%	$ (221,491)	0.1568	3.00%	$ 183,497	$ (37,994)	$ (730,784)
14	1,163,575	0.55%	$ 0.1912	1.00%	$ (222,475)	0.1615	3.00%	$ 187,962	$ (34,513)	$ (765,297)
15	1,157,175	0.55%	$ 0.1931	1.00%	$ (223,464)	0.1664	3.00%	$ 192,536	$ (30,928)	$ (796,225)
16	1,150,811	0.55%	$ 0.1950	1.00%	$ (224,457)	0.1714	3.00%	$ 197,222	$ (27,236)	$ (823,460)
17	1,144,481	0.55%	$ 0.1970	1.00%	$ (225,455)	0.1765	3.00%	$ 202,021	$ (23,434)	$ (846,894)
18	1,138,187	0.55%	$ 0.1990	1.00%	$ (226,457)	0.1818	3.00%	$ 206,937	$ (19,520)	$ (866,414)
19	1,131,927	0.55%	$ 0.2010	1.00%	$ (227,464)	0.1873	3.00%	$ 211,973	$ (15,491)	$ (881,904)
20	1,125,701	0.55%	$ 0.2030	1.00%	$ (228,475)	0.1929	3.00%	$ 217,132	$ (11,343)	$ (893,248)
21	1,119,510	0.55%	$ 0.2050	1.00%	$ (229,490)	0.1987	3.00%	$ 222,415	$ (7,075)	$ (900,323)
22	1,113,352	0.55%	$ 0.2070	1.00%	$ (230,511)	0.2046	3.00%	$ 227,828	$ (2,683)	$ (903,005)
23	1,107,229	0.55%	$ 0.2091	1.00%	$ (231,535)	0.2108	3.00%	$ 233,372	$ 1,837	$ (901,168)
24	1,101,139	0.55%	$ 0.2112	1.00%	$ (232,564)	0.2171	3.00%	$ 239,051	$ 6,487	$ (894,681)
25	1,095,083	0.55%	$ 0.2133	1.00%	$ (233,598)	0.2236	3.00%	$ 244,869	$ 11,271	$ (883,411)
26	1,089,060	0.55%	$ 0.2154	1.00%	$ (234,636)	0.2303	3.00%	$ 250,827	$ 16,191	$ (867,220)
27	1,083,070	0.55%	$ 0.2176	1.00%	$ (235,679)	0.2372	3.00%	$ 256,931	$ 21,252	$ (845,968)
28	1,077,113	0.55%	$ 0.2198	1.00%	$ (236,727)	0.2443	3.00%	$ 263,184	$ 26,457	$ (819,511)
29	1,071,189	0.55%	$ 0.2220	1.00%	$ (237,779)	0.2517	3.00%	$ 269,588	$ 31,809	$ (787,702)
30	1,065,298	0.55%	$ 0.2242	1.00%	$ (238,836)	0.2592	3.00%	$ 276,149	$ 37,313	$ (750,389)
31	1,059,438	0.55%	$ 0.2264	1.00%	$ (239,898)	0.2670	3.00%	$ 282,869	$ 42,971	$ (707,418)
32	1,053,611	0.55%	$ 0.2287	1.00%	$ (240,964)	0.2750	3.00%	$ 289,752	$ 48,788	$ (658,630)
33	1,047,817	0.55%	$ 0.2310	1.00%	$ (242,035)	0.2833	3.00%	$ 296,804	$ 54,768	$ (603,861)
34	1,042,054	0.55%	$ 0.2333	1.00%	$ (243,111)	0.2918	3.00%	$ 304,026	$ 60,915	$ (542,946)
35	1,036,322	0.55%	$ 0.2356	1.00%	$ (244,192)	0.3005	3.00%	$ 311,425	$ 67,233	$ (475,713)
Total	39,898,357				$ (7,933,955)			$ 7,458,242	$ (475,713)	

Cells highlighted in blue to be completed by RFP respondent
Cells highlighted in grey to be completed by Henrico

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$ 0.1680
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$ 0.1100
Grid Escalation Rate	3.00%

Economic Summary	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$ 137,507	$ 4,656,686	$ 7,458,242
Total PPA Payments	$ (210,011)	$ (5,540,097)	$ (7,933,955)
Net Benefit	$ (72,504)	$ (883,411)	$ (475,713)

	Va Randolph 240	ACE Center	Jackson Davis	Jackson Davis 240
Capacity	327	264	440	327
Production	411,768	372,045	582,208	447,879

RC Longan	RC Longan 240	Western Gov Ctr
422	325	907
561,718	445,568	1,250,064

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

May 1st, 2025

Mr. Jon Creger
Procurement Analyst II
Department of Finance – Purchasing Division
County of Henrico, Virginia

Subject: County of Henrico RFP 25-2798-1JEC BAFO Response Letter

Mr. Creger,

Dominion Energy Solutions ("Dominion") appreciates your consideration on RFP #25-2798-1JEC and the additional questions submitted in your Best and Final Offer Request Letter ("BAFO"). Accordingly, please find our responses to the BAFO below.

We have worked with DE Solutions in the past through Sun Tribe Solar. What would you do differently if you were awarded a contract?

Dominion's past collaborations have likely resulted in two different experiences, both which Dominion intends to improve upon. When Sun Tribe was a solar installation contractor on the first 4 Henrico County projects, Sun Tribe controlled all client communications and Dominion had little visibility into client communications and interaction. We heard anecdotes from Henrico's Energy Manager as we formed a closer relationship with Henrico, largely around the professionalism of one of Sun Tribe's subcontractors but were otherwise unaware of any project challenges from Henrico's experience. The second wave of projects, Sun Tribe divested to Dominion and uninvolved themselves from the project thereafter, to our knowledge, after they exited the commercial-scale solar installation business and focused exclusively on solar sales. Toward the end of the second wave, we came to understand from Henrico County that project communications needed to be more frequent and meeting-based instead of the previously recurring 1-pagers we submitted.

During both waves, Dominion was not optimally positioned to project manage 12 concurrent projects (5 in Henrico and 7 in another locality) after previously serving as only a long-term owner/operator of these assets. Since then, we've increased the size of our team and have access to other resources within Dominion that we had not previously tapped into (namely safety, environmental, and construction management personnel). After the second wave for example, Dominion has hired from Sun Tribe Solar, the most experienced solar electrician in the state, who holds a master electrician license and several NABCEP certifications. He reviews all engineering plans for compliance with Dominion's robust technical standards, adopted from our utility scale solar business. He also does weekly QA/QC visits to projects in the Central VA area to ensure fieldwork conforms with our standards and approved engineering plans. In summary,

Dominion Energy Solutions
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Richmond, VA 23219

the table below depicts potential areas of improvement from the first two waves and associated action plans.

Area of Improvement	Plan to Address
Project Updates	Dominion can commit to any recurrence of updates in any format Henrico desires.
Ad Hoc Communications/Requests	Dominion can coordinate with Henrico reps, designated by Henrico depending on the level of criticality, on a real-time basis and in any format requested by Henrico.
Quality Assurance	Dominion's technical standards are among the highest in the industry and continuously evolve as we collect more data and experience as operators of the largest on-site solar fleet in the Commonwealth, and apply lessons learned. Our quality control process includes routine site visits during construction by our highly qualified and experienced inspector to audit quality of work, safety, housekeeping, and general conditions of any project. At the conclusion of construction, we engage a 3rd party engineering firm specialized in solar system construction compliance oversight to perform a comprehensive inspection ensuring full adherence to the approved plans and specifications.
Subcontractor Selection	Dominion has learned lessons over its 6 years of commercial-scale solar asset ownership. Our approved subcontractor list is refined; however, we commit to coordinating with Henrico on subcontractor selection which is required in the PPA template submitted by Dominion.
Construction Housekeeping and Site Stewardship	Dominion prioritizes the safety of our work sites which includes thorough housekeeping and site remediation. Prior to leaving the site during construction, we commit to performing a walkdown each day to ensure the site is clean and safe. Throughout the construction process, we extend a standing invitation to Henrico representatives visit the site to provide feedback on any areas of deficiency with housekeeping or site remediation. Lastly, prior to leaving the site, Dominion will do a final walkdown of the entire site to ensure that

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Richmond, VA 23219

	everything is remediated and cleaned up to Henrico's reasonable satisfaction.

What are the challenges with the parking garage solar system and how would you address them?

The primary challenge with any parking deck is integrating the canopy with the existing structure; with a 25-year-old structure exposed to the elements, special consideration is required as to the condition of the structure and the as-built design parameters.

In our experience installing canopies on parking structures of this age, the most significant issue is the deterioration of the load bearing structural members. If this is the case for the Henrico garage, a forensic evaluation is required to ensure the structure is capable of supporting the solar canopy, including an assessment of the condition of the underlying rebar and concrete. In the event there are deficiencies found, those areas would need to be remediated prior to the installation of solar.

Because Henrico has maintained the as-built drawings for the parking structure, there is no need for extensive and costly GPR (ground-penetrating radar) and survey work to confirm dimensions, existing reinforcing, and other sub-surface obstructions that would be important to avoid during installation.

Can you explain the different rates shown for the different size systems?

The difference in PPA rates between the larger system design and smaller system design on the same property is a function of the increased specific yield (the amount of energy produced per kilowatt of solar capacity). The specific yield for the smaller systems increases by removing panels that were less productive than others, thereby increasing the overall efficiency of the system. This more than offset the negative impacts associated with lesser economies of scale on the smaller system and therefore we are able to offer a lower PPA rate on the smaller system.

Do you intend to use bifacial panels at all locations?

At this point in time, we do intend to use bifacial panels at all locations. During the engineering phase of the project, this plan may change due to product availability from BNEF Tier 1 module manufacturers; however, we do not expect material impacts to estimated production whether scoping monofacial or bifacial panels. In accordance with the PPA, we will detail the final module selection in the initial design provided to Henrico for approval.

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Submit pricing. The price shall include all costs associated with providing the services and materials outlined in Sec. II of this RFP. Price shall be evaluated by pricing on Attachment A.

Thank you for your request and consideration of our proposal. As a Dominion Energy, Inc. subsidiary, Dominion Energy Solutions has unmatched access to low-cost capital, which we have aggressively passed through in our original pricing offers. As such, please consider our previously submitted pricing as our best and final offer. Dominion does not intend to appear immutable but rather always strives to provide our client partners the best pricing possible while holding nothing back. We have re-attached the original cash flow tables for reference along with a new pricing sheet for a 250 kW-ac parking garage design. Please note, with respect to the pricing for future projects, we are representing a ceiling on the rates for such projects and have itemized the site-specific factors which would reduce those rates from the ceiling upon Henrico's identification of future projects. We commit to precision and transparency in calculating those downward rate adjustments as we evaluate any future projects with Henrico.

Sincerely,

Nathan J. Frost
Authorized Representative
Dominion Energy, Inc.

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Exhibit A – Overall BAFO Pricing

Site	Capacity (kW)	Y1 Production (kWh)	1% Escalated Rate	Flat Rate
ACE	264	372,045	$0.104 /kWh	$0.113 /kWh
Jackson Davis (Max)	440	582,208	$0.112 /kWh	$0.122 /kWh
Jackson Davis (240kW$_{ac}$)	327	447,879	$0.107 /kWh	$0.117 /kWh
RC Longan (Max)	422	561,718	$0.109 /kWh	$0.119 /kWh
RC Longan (240kW$_{ac}$)	325	445,568	$0.107 /kWh	$0.117 /kWh
Virginia Randolph	327	411,768	$0.117 /kWh	$0.128 /kWh
Western Government Center (Max)	907	1,250,064	$0.168 /kWh	$0.183 /kWh
Western Government Center (240kW$_{ac}$)	326	447,491	$0.196 / kWh	$0.213 / kWh

Assumptions

1. IRC §48 Federal Investment Tax Credit remains available
2. Environmental attributes accrue to Henrico County; Dominion offers a 1.9¢/kWh decrease on the above escalated rates or 2.1¢/kWh decrease on the flat rates were the environmental attributes to accrue to Dominion
3. No utility interconnection upgrades assumed (beyond power quality meter); for every $10,000 of interconnection upgrades incurred (in excess of $16,000), Dominion proposes a rate increase of 0.22¢.

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Exhibit B – BAFO Pricing under 250kWac systems

1% Escalator with RECs to Henrico

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$0.1040	1.00%	($38,693)	0.1100	3.00%	$40,925	$2,232	$2,232
2	369,999	0.55%	$0.1050	1.00%	($38,865)	0.1133	3.00%	$41,921	$3,056	$5,288
3	367,964	0.55%	$0.1061	1.00%	($39,037)	0.1167	3.00%	$42,941	$3,904	$9,192
4	365,940	0.55%	$0.1072	1.00%	($39,211)	0.1202	3.00%	$43,986	$4,775	$13,967
5	363,927	0.55%	$0.1082	1.00%	($39,385)	0.1238	3.00%	$45,056	$5,671	$19,638
6	361,926	0.55%	$0.1093	1.00%	($39,560)	0.1275	3.00%	$46,153	$6,593	$26,231
7	359,935	0.55%	$0.1104	1.00%	($39,736)	0.1313	3.00%	$47,276	$7,540	$33,771
8	357,955	0.55%	$0.1115	1.00%	($39,913)	0.1353	3.00%	$48,426	$8,514	$42,284
9	355,987	0.55%	$0.1126	1.00%	($40,090)	0.1393	3.00%	$49,605	$9,515	$51,799
10	354,029	0.55%	$0.1137	1.00%	($40,268)	0.1435	3.00%	$50,812	$10,544	$62,342
11	352,082	0.55%	$0.1149	1.00%	($40,447)	0.1478	3.00%	$52,049	$11,601	$73,944
12	350,145	0.55%	$0.1160	1.00%	($40,627)	0.1523	3.00%	$53,315	$12,688	$86,631
13	348,219	0.55%	$0.1172	1.00%	($40,808)	0.1568	3.00%	$54,613	$13,805	$100,436
14	346,304	0.55%	$0.1184	1.00%	($40,989)	0.1615	3.00%	$55,942	$14,952	$115,389
15	344,400	0.55%	$0.1195	1.00%	($41,171)	0.1664	3.00%	$57,303	$16,132	$131,520
16	342,505	0.55%	$0.1207	1.00%	($41,354)	0.1714	3.00%	$58,697	$17,343	$148,863
17	340,622	0.55%	$0.1219	1.00%	($41,538)	0.1765	3.00%	$60,126	$18,588	$167,451
18	338,748	0.55%	$0.1232	1.00%	($41,723)	0.1818	3.00%	$61,589	$19,866	$187,317
19	336,885	0.55%	$0.1244	1.00%	($41,908)	0.1873	3.00%	$63,088	$21,179	$208,496
20	335,032	0.55%	$0.1256	1.00%	($42,095)	0.1929	3.00%	$64,623	$22,528	$231,025
21	333,189	0.55%	$0.1269	1.00%	($42,282)	0.1987	3.00%	$66,195	$23,914	$254,938
22	331,357	0.55%	$0.1282	1.00%	($42,470)	0.2046	3.00%	$67,806	$25,337	$280,275
23	329,534	0.55%	$0.1295	1.00%	($42,658)	0.2108	3.00%	$69,456	$26,798	$307,073
24	327,722	0.55%	$0.1307	1.00%	($42,848)	0.2171	3.00%	$71,147	$28,299	$335,372
25	325,920	0.55%	$0.1321	1.00%	($43,038)	0.2236	3.00%	$72,878	$29,840	$365,211
26	324,127	0.55%	$0.1334	1.00%	($43,230)	0.2303	3.00%	$74,651	$31,422	$396,633
27	322,344	0.55%	$0.1347	1.00%	($43,422)	0.2372	3.00%	$76,468	$33,046	$429,679
28	320,571	0.55%	$0.1361	1.00%	($43,615)	0.2443	3.00%	$78,329	$34,714	$464,393
29	318,808	0.55%	$0.1374	1.00%	($43,809)	0.2517	3.00%	$80,235	$36,426	$500,820
30	317,055	0.55%	$0.1388	1.00%	($44,004)	0.2592	3.00%	$82,188	$38,184	$539,004
31	315,311	0.55%	$0.1402	1.00%	($44,199)	0.2670	3.00%	$84,188	$39,989	$578,992
32	313,577	0.55%	$0.1416	1.00%	($44,396)	0.2750	3.00%	$86,236	$41,841	$620,833
33	311,852	0.55%	$0.1430	1.00%	($44,593)	0.2833	3.00%	$88,335	$43,742	$664,575
34	310,137	0.55%	$0.1444	1.00%	($44,791)	0.2918	3.00%	$90,485	$45,693	$710,269
35	308,431	0.55%	$0.1459	1.00%	($44,990)	0.3005	3.00%	$92,687	$47,696	$757,965
Total	11,874,585				($1,461,764)			$2,219,729	$757,965	

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1040
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$40,925	$1,385,927	$2,219,729
Total PPA Payments	($38,693)	($1,020,716)	($1,461,764)
Net Benefit	$2,232	$365,211	$757,965

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$0.1070	1.00%	($47,923)	0.1100	3.00%	$49,267	$1,344	$1,344
2	445,416	0.55%	$0.1081	1.00%	($48,136)	0.1133	3.00%	$50,466	$2,330	$3,673
3	442,966	0.55%	$0.1092	1.00%	($48,350)	0.1167	3.00%	$51,694	$3,344	$7,017
4	440,530	0.55%	$0.1102	1.00%	($48,565)	0.1202	3.00%	$52,952	$4,387	$11,403
5	438,107	0.55%	$0.1113	1.00%	($48,781)	0.1238	3.00%	$54,240	$5,459	$16,863
6	435,697	0.55%	$0.1125	1.00%	($48,998)	0.1275	3.00%	$55,560	$6,563	$23,425
7	433,301	0.55%	$0.1136	1.00%	($49,215)	0.1313	3.00%	$56,912	$7,697	$31,122
8	430,918	0.55%	$0.1147	1.00%	($49,434)	0.1353	3.00%	$58,297	$8,863	$39,985
9	428,548	0.55%	$0.1159	1.00%	($49,654)	0.1393	3.00%	$59,716	$10,062	$50,047
10	426,191	0.55%	$0.1170	1.00%	($49,875)	0.1435	3.00%	$61,169	$11,294	$61,341
11	423,847	0.55%	$0.1182	1.00%	($50,096)	0.1478	3.00%	$62,658	$12,561	$73,903
12	421,516	0.55%	$0.1194	1.00%	($50,319)	0.1523	3.00%	$64,182	$13,863	$87,766
13	419,197	0.55%	$0.1206	1.00%	($50,543)	0.1568	3.00%	$65,744	$15,202	$102,967
14	416,892	0.55%	$0.1218	1.00%	($50,767)	0.1615	3.00%	$67,344	$16,577	$119,544
15	414,599	0.55%	$0.1230	1.00%	($50,993)	0.1664	3.00%	$68,983	$17,990	$137,534
16	412,319	0.55%	$0.1242	1.00%	($51,220)	0.1714	3.00%	$70,662	$19,442	$156,976
17	410,051	0.55%	$0.1255	1.00%	($51,447)	0.1765	3.00%	$72,381	$20,934	$177,910
18	407,796	0.55%	$0.1267	1.00%	($51,676)	0.1818	3.00%	$74,143	$22,467	$200,376
19	405,553	0.55%	$0.1280	1.00%	($51,906)	0.1873	3.00%	$75,947	$24,041	$224,418
20	403,322	0.55%	$0.1293	1.00%	($52,137)	0.1929	3.00%	$77,795	$25,659	$250,076
21	401,104	0.55%	$0.1306	1.00%	($52,368)	0.1987	3.00%	$79,688	$27,320	$277,396
22	398,898	0.55%	$0.1319	1.00%	($52,601)	0.2046	3.00%	$81,627	$29,026	$306,422
23	396,704	0.55%	$0.1332	1.00%	($52,835)	0.2108	3.00%	$83,614	$30,779	$337,201
24	394,522	0.55%	$0.1345	1.00%	($53,070)	0.2171	3.00%	$85,649	$32,579	$369,780
25	392,352	0.55%	$0.1359	1.00%	($53,306)	0.2236	3.00%	$87,733	$34,427	$404,208
26	390,194	0.55%	$0.1372	1.00%	($53,543)	0.2303	3.00%	$89,868	$36,325	$440,533
27	388,048	0.55%	$0.1386	1.00%	($53,781)	0.2372	3.00%	$92,055	$38,274	$478,807
28	385,914	0.55%	$0.1400	1.00%	($54,020)	0.2443	3.00%	$94,295	$40,275	$519,082
29	383,791	0.55%	$0.1414	1.00%	($54,260)	0.2517	3.00%	$96,590	$42,330	$561,412
30	381,680	0.55%	$0.1428	1.00%	($54,501)	0.2592	3.00%	$98,940	$44,439	$605,851
31	379,581	0.55%	$0.1442	1.00%	($54,743)	0.2670	3.00%	$101,348	$46,605	$652,456
32	377,494	0.55%	$0.1457	1.00%	($54,986)	0.2750	3.00%	$103,814	$48,828	$701,283
33	375,417	0.55%	$0.1471	1.00%	($55,231)	0.2833	3.00%	$106,340	$51,109	$752,393
34	373,353	0.55%	$0.1486	1.00%	($55,476)	0.2918	3.00%	$108,928	$53,452	$805,845
35	371,299	0.55%	$0.1501	1.00%	($55,723)	0.3005	3.00%	$111,579	$55,856	$861,701
Total	14,294,995				($1,810,478)			$2,672,179	$861,701	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,267	$1,668,422	$2,672,179
Total PPA Payments	($47,923)	($1,264,215)	($1,810,478)
Net Benefit	$1,344	$404,208	$861,701

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$0.1070	1.00%	($47,676)	0.1100	3.00%	$49,012	$1,337	$1,337
2	443,117	0.55%	$0.1081	1.00%	($47,888)	0.1133	3.00%	$50,205	$2,318	$3,654
3	440,680	0.55%	$0.1092	1.00%	($48,101)	0.1167	3.00%	$51,427	$3,326	$6,981
4	438,256	0.55%	$0.1102	1.00%	($48,314)	0.1202	3.00%	$52,678	$4,364	$11,345
5	435,846	0.55%	$0.1113	1.00%	($48,529)	0.1238	3.00%	$53,960	$5,431	$16,776
6	433,449	0.55%	$0.1125	1.00%	($48,745)	0.1275	3.00%	$55,273	$6,529	$23,305
7	431,065	0.55%	$0.1136	1.00%	($48,961)	0.1313	3.00%	$56,619	$7,657	$30,962
8	428,694	0.55%	$0.1147	1.00%	($49,179)	0.1353	3.00%	$57,996	$8,817	$39,779
9	426,336	0.55%	$0.1159	1.00%	($49,398)	0.1393	3.00%	$59,408	$10,010	$49,789
10	423,991	0.55%	$0.1170	1.00%	($49,617)	0.1435	3.00%	$60,853	$11,236	$61,025
11	421,659	0.55%	$0.1182	1.00%	($49,838)	0.1478	3.00%	$62,334	$12,496	$73,521
12	419,340	0.55%	$0.1194	1.00%	($50,059)	0.1523	3.00%	$63,851	$13,792	$87,313
13	417,034	0.55%	$0.1206	1.00%	($50,282)	0.1568	3.00%	$65,405	$15,123	$102,436
14	414,740	0.55%	$0.1218	1.00%	($50,505)	0.1615	3.00%	$66,997	$16,491	$118,927
15	412,459	0.55%	$0.1230	1.00%	($50,730)	0.1664	3.00%	$68,627	$17,897	$136,824
16	410,191	0.55%	$0.1242	1.00%	($50,955)	0.1714	3.00%	$70,297	$19,342	$156,166
17	407,935	0.55%	$0.1255	1.00%	($51,182)	0.1765	3.00%	$72,008	$20,826	$176,992
18	405,691	0.55%	$0.1267	1.00%	($51,409)	0.1818	3.00%	$73,760	$22,351	$199,342
19	403,460	0.55%	$0.1280	1.00%	($51,638)	0.1873	3.00%	$75,555	$23,917	$223,259
20	401,241	0.55%	$0.1293	1.00%	($51,867)	0.1929	3.00%	$77,394	$25,526	$248,785
21	399,034	0.55%	$0.1306	1.00%	($52,098)	0.1987	3.00%	$79,277	$27,179	$275,964
22	396,839	0.55%	$0.1319	1.00%	($52,330)	0.2046	3.00%	$81,206	$28,877	$304,841
23	394,656	0.55%	$0.1332	1.00%	($52,562)	0.2108	3.00%	$83,182	$30,620	$335,461
24	392,486	0.55%	$0.1345	1.00%	($52,796)	0.2171	3.00%	$85,207	$32,411	$367,872
25	390,327	0.55%	$0.1359	1.00%	($53,030)	0.2236	3.00%	$87,280	$34,250	$402,121
26	388,180	0.55%	$0.1372	1.00%	($53,266)	0.2303	3.00%	$89,404	$36,138	$438,259
27	386,045	0.55%	$0.1386	1.00%	($53,503)	0.2372	3.00%	$91,580	$38,077	$476,336
28	383,922	0.55%	$0.1400	1.00%	($53,741)	0.2443	3.00%	$93,808	$40,067	$516,403
29	381,811	0.55%	$0.1414	1.00%	($53,980)	0.2517	3.00%	$96,091	$42,111	$558,515
30	379,711	0.55%	$0.1428	1.00%	($54,220)	0.2592	3.00%	$98,429	$44,210	$602,724
31	377,622	0.55%	$0.1442	1.00%	($54,461)	0.2670	3.00%	$100,825	$46,364	$649,089
32	375,545	0.55%	$0.1457	1.00%	($54,703)	0.2750	3.00%	$103,278	$48,576	$697,664
33	373,480	0.55%	$0.1471	1.00%	($54,946)	0.2833	3.00%	$105,792	$50,846	$748,510
34	371,426	0.55%	$0.1486	1.00%	($55,190)	0.2918	3.00%	$108,366	$53,176	$801,686
35	369,383	0.55%	$0.1501	1.00%	($55,435)	0.3005	3.00%	$111,003	$55,568	$857,253
Total	14,221,218				($1,801,134)			$2,658,387	$857,253	

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1070
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,012	$1,659,812	$2,658,387
Total PPA Payments	($47,676)	($1,257,690)	($1,801,134)
Net Benefit	$1,337	$402,121	$857,253

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$0.1170	1.00%	($48,177)	0.1100	3.00%	$45,294	($2,882)	($2,882)
2	409,503	0.55%	$0.1182	1.00%	($48,391)	0.1133	3.00%	$46,397	($1,994)	($4,877)
3	407,251	0.55%	$0.1194	1.00%	($48,606)	0.1167	3.00%	$47,526	($1,080)	($5,957)
4	405,011	0.55%	$0.1205	1.00%	($48,822)	0.1202	3.00%	$48,682	($140)	($6,097)
5	402,784	0.55%	$0.1218	1.00%	($49,039)	0.1238	3.00%	$49,867	$828	($5,269)
6	400,568	0.55%	$0.1230	1.00%	($49,257)	0.1275	3.00%	$51,081	$1,823	($3,446)
7	398,365	0.55%	$0.1242	1.00%	($49,476)	0.1313	3.00%	$52,324	$2,847	($598)
8	396,174	0.55%	$0.1254	1.00%	($49,696)	0.1353	3.00%	$53,597	$3,901	$3,303
9	393,995	0.55%	$0.1267	1.00%	($49,917)	0.1393	3.00%	$54,901	$4,984	$8,287
10	391,828	0.55%	$0.1280	1.00%	($50,139)	0.1435	3.00%	$56,237	$6,098	$14,385
11	389,673	0.55%	$0.1292	1.00%	($50,362)	0.1478	3.00%	$57,606	$7,244	$21,629
12	387,530	0.55%	$0.1305	1.00%	($50,586)	0.1523	3.00%	$59,008	$8,422	$30,051
13	385,399	0.55%	$0.1318	1.00%	($50,810)	0.1568	3.00%	$60,443	$9,633	$39,684
14	383,279	0.55%	$0.1332	1.00%	($51,036)	0.1615	3.00%	$61,914	$10,878	$50,563
15	381,171	0.55%	$0.1345	1.00%	($51,263)	0.1664	3.00%	$63,421	$12,158	$62,721
16	379,074	0.55%	$0.1358	1.00%	($51,491)	0.1714	3.00%	$64,964	$13,473	$76,194
17	376,989	0.55%	$0.1372	1.00%	($51,720)	0.1765	3.00%	$66,545	$14,825	$91,020
18	374,916	0.55%	$0.1386	1.00%	($51,950)	0.1818	3.00%	$68,165	$16,215	$107,234
19	372,854	0.55%	$0.1399	1.00%	($52,181)	0.1873	3.00%	$69,823	$17,643	$124,877
20	370,803	0.55%	$0.1413	1.00%	($52,413)	0.1929	3.00%	$71,523	$19,110	$143,987
21	368,764	0.55%	$0.1428	1.00%	($52,646)	0.1987	3.00%	$73,263	$20,618	$164,605
22	366,736	0.55%	$0.1442	1.00%	($52,880)	0.2046	3.00%	$75,046	$22,166	$186,771
23	364,719	0.55%	$0.1456	1.00%	($53,115)	0.2108	3.00%	$76,872	$23,758	$210,529
24	362,713	0.55%	$0.1471	1.00%	($53,351)	0.2171	3.00%	$78,743	$25,392	$235,921
25	360,718	0.55%	$0.1486	1.00%	($53,588)	0.2236	3.00%	$80,659	$27,071	$262,993
26	358,734	0.55%	$0.1500	1.00%	($53,826)	0.2303	3.00%	$82,622	$28,796	$291,788
27	356,761	0.55%	$0.1515	1.00%	($54,065)	0.2372	3.00%	$84,633	$30,567	$322,356
28	354,799	0.55%	$0.1531	1.00%	($54,306)	0.2443	3.00%	$86,692	$32,386	$354,742
29	352,847	0.55%	$0.1546	1.00%	($54,547)	0.2517	3.00%	$88,802	$34,255	$388,997
30	350,907	0.55%	$0.1561	1.00%	($54,789)	0.2592	3.00%	$90,963	$36,173	$425,170
31	348,977	0.55%	$0.1577	1.00%	($55,033)	0.2670	3.00%	$93,176	$38,143	$463,314
32	347,057	0.55%	$0.1593	1.00%	($55,278)	0.2750	3.00%	$95,444	$40,166	$503,480
33	345,148	0.55%	$0.1609	1.00%	($55,523)	0.2833	3.00%	$97,766	$42,243	$545,723
34	343,250	0.55%	$0.1625	1.00%	($55,770)	0.2918	3.00%	$100,146	$44,375	$590,098
35	341,362	0.55%	$0.1641	1.00%	($56,018)	0.3005	3.00%	$102,583	$46,565	$636,663
Total	13,142,426				($1,820,065)			$2,456,728	$636,663	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$45,294	$1,533,902	$2,456,728
Total PPA Payments	($48,177)	($1,270,909)	($1,820,065)
Net Benefit	($2,882)	$262,993	$636,663

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	447,491	0.55%	$0.1960	1.00%	($87,708)	0.1100	3.00%	$49,224	($38,484.23)	($38,484.23)
2	445,030	0.55%	$0.1980	1.00%	($88,098)	0.1133	3.00%	$50,422	($37,676.22)	($76,160.45)
3	442,582	0.55%	$0.1999	1.00%	($88,490)	0.1167	3.00%	$51,649	($36,840.80)	($113,001.25)
4	440,148	0.55%	$0.2019	1.00%	($88,883)	0.1202	3.00%	$52,906	($35,977.26)	($148,978.51)
5	437,727	0.55%	$0.2040	1.00%	($89,278)	0.1238	3.00%	$54,193	($35,084.89)	($184,063.40)
6	435,320	0.55%	$0.2060	1.00%	($89,675)	0.1275	3.00%	$55,512	($34,162.94)	($218,226.34)
7	432,925	0.55%	$0.2081	1.00%	($90,074)	0.1313	3.00%	$56,863	($33,210.66)	($251,436.99)
8	430,544	0.55%	$0.2101	1.00%	($90,474)	0.1353	3.00%	$58,247	($32,227.27)	($283,664.27)
9	428,176	0.55%	$0.2122	1.00%	($90,876)	0.1393	3.00%	$59,664	($31,212.00)	($314,876.26)
10	425,821	0.55%	$0.2144	1.00%	($91,280)	0.1435	3.00%	$61,116	($30,164.02)	($345,040.28)
11	423,479	0.55%	$0.2165	1.00%	($91,686)	0.1478	3.00%	$62,603	($29,082.50)	($374,122.78)
12	421,150	0.55%	$0.2187	1.00%	($92,093)	0.1523	3.00%	$64,127	($27,966.59)	($402,089.37)
13	418,834	0.55%	$0.2209	1.00%	($92,503)	0.1568	3.00%	$65,687	($26,815.42)	($428,904.79)
14	416,530	0.55%	$0.2231	1.00%	($92,914)	0.1615	3.00%	$67,286	($25,628.10)	($454,532.88)
15	414,239	0.55%	$0.2253	1.00%	($93,327)	0.1664	3.00%	$68,923	($24,403.70)	($478,936.58)
16	411,961	0.55%	$0.2275	1.00%	($93,742)	0.1714	3.00%	$70,600	($23,141.29)	($502,077.88)
17	409,695	0.55%	$0.2298	1.00%	($94,158)	0.1765	3.00%	$72,318	($21,839.91)	($523,917.79)
18	407,442	0.55%	$0.2321	1.00%	($94,577)	0.1818	3.00%	$74,078	($20,498.58)	($544,416.36)
19	405,201	0.55%	$0.2344	1.00%	($94,997)	0.1873	3.00%	$75,881	($19,116.28)	($563,532.64)
20	402,972	0.55%	$0.2368	1.00%	($95,420)	0.1929	3.00%	$77,728	($17,691.97)	($581,224.61)
21	400,756	0.55%	$0.2392	1.00%	($95,844)	0.1987	3.00%	$79,619	($16,224.61)	($597,449.23)
22	398,552	0.55%	$0.2415	1.00%	($96,270)	0.2046	3.00%	$81,557	($14,713.11)	($612,162.33)
23	396,360	0.55%	$0.2440	1.00%	($96,698)	0.2108	3.00%	$83,541	($13,156.35)	($625,318.68)
24	394,180	0.55%	$0.2464	1.00%	($97,127)	0.2171	3.00%	$85,574	($11,553.19)	($636,871.87)
25	392,012	0.55%	$0.2489	1.00%	($97,559)	0.2236	3.00%	$87,657	($9,902.47)	($646,774.34)
26	389,856	0.55%	$0.2514	1.00%	($97,993)	0.2303	3.00%	$89,790	($8,202.99)	($654,977.33)
27	387,712	0.55%	$0.2539	1.00%	($98,428)	0.2372	3.00%	$91,975	($6,453.54)	($661,430.87)
28	385,579	0.55%	$0.2564	1.00%	($98,866)	0.2443	3.00%	$94,213	($4,652.84)	($666,083.71)
29	383,458	0.55%	$0.2590	1.00%	($99,305)	0.2517	3.00%	$96,506	($2,799.62)	($668,883.33)
30	381,349	0.55%	$0.2616	1.00%	($99,747)	0.2592	3.00%	$98,854	($892.57)	($669,775.90)
31	379,252	0.55%	$0.2642	1.00%	($100,190)	0.2670	3.00%	$101,260	$1,069.67	($668,706.23)
32	377,166	0.55%	$0.2668	1.00%	($100,636)	0.2750	3.00%	$103,724	$3,088.49	($665,617.74)
33	375,092	0.55%	$0.2695	1.00%	($101,083)	0.2833	3.00%	$106,248	$5,165.29	($660,452.45)
34	373,029	0.55%	$0.2722	1.00%	($101,532)	0.2918	3.00%	$108,834	$7,301.52	($653,150.93)
35	370,977	0.55%	$0.2749	1.00%	($101,983)	0.3005	3.00%	$111,482	$9,498.68	($643,652.25)
Total	14,282,599				($3,313,514)			$2,669,861	($643,652.25)	

Solar Inputs	
Total kW Installed	326
Solar Production Year 1	447,491
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1960
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,224	$1,666,976	$2,669,861
Total PPA Payments	($87,708)	($2,313,750)	($3,313,514)
Net Benefit	($38,484)	($646,774)	($643,652)

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

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Exhibit C – BAFO Pricing under 250kWac systems

0% Escalator with RECs to Henrico

Hermitage High School Advanced Career Education (ACE) Center

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	372,045	0.55%	$0.1130	0.00%	($42,041)	0.1100	3.00%	$40,925	($1,116)	($1,116)
2	369,999	0.55%	$0.1130	0.00%	($41,810)	0.1133	3.00%	$41,921	$111	($1,005)
3	367,964	0.55%	$0.1130	0.00%	($41,580)	0.1167	3.00%	$42,941	$1,361	$356
4	365,940	0.55%	$0.1130	0.00%	($41,351)	0.1202	3.00%	$43,986	$2,635	$2,991
5	363,927	0.55%	$0.1130	0.00%	($41,124)	0.1238	3.00%	$45,056	$3,933	$6,923
6	361,926	0.55%	$0.1130	0.00%	($40,898)	0.1275	3.00%	$46,153	$5,255	$12,179
7	359,935	0.55%	$0.1130	0.00%	($40,673)	0.1313	3.00%	$47,276	$6,603	$18,782
8	357,955	0.55%	$0.1130	0.00%	($40,449)	0.1353	3.00%	$48,426	$7,977	$26,759
9	355,987	0.55%	$0.1130	0.00%	($40,227)	0.1393	3.00%	$49,605	$9,378	$36,138
10	354,029	0.55%	$0.1130	0.00%	($40,005)	0.1435	3.00%	$50,812	$10,807	$46,944
11	352,082	0.55%	$0.1130	0.00%	($39,785)	0.1478	3.00%	$52,049	$12,263	$59,208
12	350,145	0.55%	$0.1130	0.00%	($39,566)	0.1523	3.00%	$53,315	$13,749	$72,956
13	348,219	0.55%	$0.1130	0.00%	($39,349)	0.1568	3.00%	$54,613	$15,264	$88,220
14	346,304	0.55%	$0.1130	0.00%	($39,132)	0.1615	3.00%	$55,942	$16,809	$105,029
15	344,400	0.55%	$0.1130	0.00%	($38,917)	0.1664	3.00%	$57,303	$18,386	$123,415
16	342,505	0.55%	$0.1130	0.00%	($38,703)	0.1714	3.00%	$58,697	$19,994	$143,409
17	340,622	0.55%	$0.1130	0.00%	($38,490)	0.1765	3.00%	$60,126	$21,636	$165,045
18	338,748	0.55%	$0.1130	0.00%	($38,279)	0.1818	3.00%	$61,589	$23,310	$188,355
19	336,885	0.55%	$0.1130	0.00%	($38,068)	0.1873	3.00%	$63,088	$25,020	$213,375
20	335,032	0.55%	$0.1130	0.00%	($37,859)	0.1929	3.00%	$64,623	$26,764	$240,139
21	333,189	0.55%	$0.1130	0.00%	($37,650)	0.1987	3.00%	$66,195	$28,545	$268,684
22	331,357	0.55%	$0.1130	0.00%	($37,443)	0.2046	3.00%	$67,806	$30,363	$299,047
23	329,534	0.55%	$0.1130	0.00%	($37,237)	0.2108	3.00%	$69,456	$32,219	$331,266
24	327,722	0.55%	$0.1130	0.00%	($37,033)	0.2171	3.00%	$71,147	$34,114	$365,380
25	325,920	0.55%	$0.1130	0.00%	($36,829)	0.2236	3.00%	$72,878	$36,049	$401,429
26	324,127	0.55%	$0.1130	0.00%	($36,626)	0.2303	3.00%	$74,651	$38,025	$439,454
27	322,344	0.55%	$0.1130	0.00%	($36,425)	0.2372	3.00%	$76,468	$40,043	$479,498
28	320,571	0.55%	$0.1130	0.00%	($36,225)	0.2443	3.00%	$78,329	$42,104	$521,602
29	318,808	0.55%	$0.1130	0.00%	($36,025)	0.2517	3.00%	$80,235	$44,210	$565,812
30	317,055	0.55%	$0.1130	0.00%	($35,827)	0.2592	3.00%	$82,188	$46,360	$612,172
31	315,311	0.55%	$0.1130	0.00%	($35,630)	0.2670	3.00%	$84,188	$48,558	$660,730
32	313,577	0.55%	$0.1130	0.00%	($35,434)	0.2750	3.00%	$86,236	$50,802	$711,532
33	311,852	0.55%	$0.1130	0.00%	($35,239)	0.2833	3.00%	$88,335	$53,096	$764,628
34	310,137	0.55%	$0.1130	0.00%	($35,045)	0.2918	3.00%	$90,485	$55,439	$820,067
35	308,431	0.55%	$0.1130	0.00%	($34,853)	0.3005	3.00%	$92,687	$57,834	$877,901
Total	11,874,585				($1,341,828)			$2,219,729	$877,901	

Solar Inputs	
Total kW Installed	264
Solar Production Year 1	372,045
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1130
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$40,925	$1,385,927	$2,219,729
Total PPA Payments	($42,041)	($984,498)	($1,341,828)
Net Benefit	($1,116)	$401,429	$877,901

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	447,879	0.55%	$0.1170	0.00%	($52,402)	0.1100	3.00%	$49,267	($3,135)	($3,135)
2	445,416	0.55%	$0.1170	0.00%	($52,114)	0.1133	3.00%	$50,466	($1,648)	($4,783)
3	442,966	0.55%	$0.1170	0.00%	($51,827)	0.1167	3.00%	$51,694	($133)	($4,917)
4	440,530	0.55%	$0.1170	0.00%	($51,542)	0.1202	3.00%	$52,952	$1,410	($3,507)
5	438,107	0.55%	$0.1170	0.00%	($51,259)	0.1238	3.00%	$54,240	$2,982	($525)
6	435,697	0.55%	$0.1170	0.00%	($50,977)	0.1275	3.00%	$55,560	$4,584	$4,058
7	433,301	0.55%	$0.1170	0.00%	($50,696)	0.1313	3.00%	$56,912	$6,216	$10,275
8	430,918	0.55%	$0.1170	0.00%	($50,417)	0.1353	3.00%	$58,297	$7,880	$18,154
9	428,548	0.55%	$0.1170	0.00%	($50,140)	0.1393	3.00%	$59,716	$9,576	$27,730
10	426,191	0.55%	$0.1170	0.00%	($49,864)	0.1435	3.00%	$61,169	$11,305	$39,035
11	423,847	0.55%	$0.1170	0.00%	($49,590)	0.1478	3.00%	$62,658	$13,068	$52,102
12	421,516	0.55%	$0.1170	0.00%	($49,317)	0.1523	3.00%	$64,182	$14,865	$66,967
13	419,197	0.55%	$0.1170	0.00%	($49,046)	0.1568	3.00%	$65,744	$16,698	$83,666
14	416,892	0.55%	$0.1170	0.00%	($48,776)	0.1615	3.00%	$67,344	$18,568	$102,233
15	414,599	0.55%	$0.1170	0.00%	($48,508)	0.1664	3.00%	$68,983	$20,475	$122,708
16	412,319	0.55%	$0.1170	0.00%	($48,241)	0.1714	3.00%	$70,662	$22,420	$145,129
17	410,051	0.55%	$0.1170	0.00%	($47,976)	0.1765	3.00%	$72,381	$24,405	$169,534
18	407,796	0.55%	$0.1170	0.00%	($47,712)	0.1818	3.00%	$74,143	$26,431	$195,965
19	405,553	0.55%	$0.1170	0.00%	($47,450)	0.1873	3.00%	$75,947	$28,497	$224,462
20	403,322	0.55%	$0.1170	0.00%	($47,189)	0.1929	3.00%	$77,795	$30,606	$255,068
21	401,104	0.55%	$0.1170	0.00%	($46,929)	0.1987	3.00%	$79,688	$32,759	$287,827
22	398,898	0.55%	$0.1170	0.00%	($46,671)	0.2046	3.00%	$81,627	$34,956	$322,784
23	396,704	0.55%	$0.1170	0.00%	($46,414)	0.2108	3.00%	$83,614	$37,199	$359,983
24	394,522	0.55%	$0.1170	0.00%	($46,159)	0.2171	3.00%	$85,649	$39,489	$399,473
25	392,352	0.55%	$0.1170	0.00%	($45,905)	0.2236	3.00%	$87,733	$41,828	$441,300
26	390,194	0.55%	$0.1170	0.00%	($45,653)	0.2303	3.00%	$89,868	$44,215	$485,515
27	388,048	0.55%	$0.1170	0.00%	($45,402)	0.2372	3.00%	$92,055	$46,653	$532,168
28	385,914	0.55%	$0.1170	0.00%	($45,152)	0.2443	3.00%	$94,295	$49,143	$581,311
29	383,791	0.55%	$0.1170	0.00%	($44,904)	0.2517	3.00%	$96,590	$51,686	$632,997
30	381,680	0.55%	$0.1170	0.00%	($44,657)	0.2592	3.00%	$98,940	$54,283	$687,281
31	379,581	0.55%	$0.1170	0.00%	($44,411)	0.2670	3.00%	$101,348	$56,937	$744,217
32	377,494	0.55%	$0.1170	0.00%	($44,167)	0.2750	3.00%	$103,814	$59,647	$803,865
33	375,417	0.55%	$0.1170	0.00%	($43,924)	0.2833	3.00%	$106,340	$62,417	$866,281
34	373,353	0.55%	$0.1170	0.00%	($43,682)	0.2918	3.00%	$108,928	$65,246	$931,527
35	371,299	0.55%	$0.1170	0.00%	($43,442)	0.3005	3.00%	$111,579	$68,137	$999,664
Total	14,294,995				($1,672,514)			$2,672,179	$999,664	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	447,879
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,267	$1,668,422	$2,672,179
Total PPA Payments	($52,402)	($1,227,122)	($1,672,514)
Net Benefit	($3,135)	$441,300	$999,664

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	445,568	0.55%	$0.1170	0.00%	($52,131)	0.1100	3.00%	$49,012	($3,119)	($3,119)
2	443,117	0.55%	$0.1170	0.00%	($51,845)	0.1133	3.00%	$50,205	($1,640)	($4,759)
3	440,680	0.55%	$0.1170	0.00%	($51,560)	0.1167	3.00%	$51,427	($133)	($4,891)
4	438,256	0.55%	$0.1170	0.00%	($51,276)	0.1202	3.00%	$52,678	$1,402	($3,489)
5	435,846	0.55%	$0.1170	0.00%	($50,994)	0.1238	3.00%	$53,960	$2,966	($522)
6	433,449	0.55%	$0.1170	0.00%	($50,714)	0.1275	3.00%	$55,273	$4,560	$4,038
7	431,065	0.55%	$0.1170	0.00%	($50,435)	0.1313	3.00%	$56,619	$6,184	$10,222
8	428,694	0.55%	$0.1170	0.00%	($50,157)	0.1353	3.00%	$57,996	$7,839	$18,061
9	426,336	0.55%	$0.1170	0.00%	($49,881)	0.1393	3.00%	$59,408	$9,526	$27,587
10	423,991	0.55%	$0.1170	0.00%	($49,607)	0.1435	3.00%	$60,853	$11,246	$38,833
11	421,659	0.55%	$0.1170	0.00%	($49,334)	0.1478	3.00%	$62,334	$13,000	$51,833
12	419,340	0.55%	$0.1170	0.00%	($49,063)	0.1523	3.00%	$63,851	$14,788	$66,622
13	417,034	0.55%	$0.1170	0.00%	($48,793)	0.1568	3.00%	$65,405	$16,612	$83,234
14	414,740	0.55%	$0.1170	0.00%	($48,525)	0.1615	3.00%	$66,997	$18,472	$101,706
15	412,459	0.55%	$0.1170	0.00%	($48,258)	0.1664	3.00%	$68,627	$20,369	$122,075
16	410,191	0.55%	$0.1170	0.00%	($47,992)	0.1714	3.00%	$70,297	$22,305	$144,380
17	407,935	0.55%	$0.1170	0.00%	($47,728)	0.1765	3.00%	$72,008	$24,279	$168,659
18	405,691	0.55%	$0.1170	0.00%	($47,466)	0.1818	3.00%	$73,760	$26,294	$194,953
19	403,460	0.55%	$0.1170	0.00%	($47,205)	0.1873	3.00%	$75,555	$28,350	$223,303
20	401,241	0.55%	$0.1170	0.00%	($46,945)	0.1929	3.00%	$77,394	$30,448	$253,752
21	399,034	0.55%	$0.1170	0.00%	($46,687)	0.1987	3.00%	$79,277	$32,590	$286,342
22	396,839	0.55%	$0.1170	0.00%	($46,430)	0.2046	3.00%	$81,206	$34,776	$321,118
23	394,656	0.55%	$0.1170	0.00%	($46,175)	0.2108	3.00%	$83,182	$37,007	$358,125
24	392,486	0.55%	$0.1170	0.00%	($45,921)	0.2171	3.00%	$85,207	$39,286	$397,411
25	390,327	0.55%	$0.1170	0.00%	($45,668)	0.2236	3.00%	$87,280	$41,612	$439,023
26	388,180	0.55%	$0.1170	0.00%	($45,417)	0.2303	3.00%	$89,404	$43,987	$483,009
27	386,045	0.55%	$0.1170	0.00%	($45,167)	0.2372	3.00%	$91,580	$46,412	$529,422
28	383,922	0.55%	$0.1170	0.00%	($41,919)	0.2443	3.00%	$93,808	$48,889	$578,311
29	381,811	0.55%	$0.1170	0.00%	($44,672)	0.2517	3.00%	$96,091	$51,419	$629,730
30	379,711	0.55%	$0.1170	0.00%	($44,426)	0.2592	3.00%	$98,429	$54,003	$683,734
31	377,622	0.55%	$0.1170	0.00%	($44,182)	0.2670	3.00%	$100,825	$56,643	$740,377
32	375,545	0.55%	$0.1170	0.00%	($43,939)	0.2750	3.00%	$103,278	$59,339	$799,716
33	373,480	0.55%	$0.1170	0.00%	($43,697)	0.2833	3.00%	$105,792	$62,094	$861,810
34	371,426	0.55%	$0.1170	0.00%	($43,457)	0.2918	3.00%	$108,366	$64,909	$926,720
35	369,383	0.55%	$0.1170	0.00%	($43,218)	0.3005	3.00%	$111,003	$67,785	$994,505
Total	14,221,218				($1,663,882)			$2,658,387	$994,505	

Solar Inputs	
Total kW Installed	325
Solar Production Year 1	445,568
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1170
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,012	$1,659,812	$2,658,387
Total PPA Payments	($52,131)	($1,220,789)	($1,663,882)
Net Benefit	($3,119)	$439,023	$994,505

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Virginia Randolph Academy

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	411,768	0.55%	$0.1280	0.00%	($52,706)	0.1100	3.00%	$45,294	($7,412)	($7,412)
2	409,503	0.55%	$0.1280	0.00%	($52,416)	0.1133	3.00%	$46,397	($6,020)	($13,432)
3	407,251	0.55%	$0.1280	0.00%	($52,128)	0.1167	3.00%	$47,526	($4,602)	($18,034)
4	405,011	0.55%	$0.1280	0.00%	($51,841)	0.1202	3.00%	$48,682	($3,159)	($21,193)
5	402,784	0.55%	$0.1280	0.00%	($51,556)	0.1238	3.00%	$49,867	($1,689)	($22,882)
6	400,568	0.55%	$0.1280	0.00%	($51,273)	0.1275	3.00%	$51,081	($192)	($23,074)
7	398,365	0.55%	$0.1280	0.00%	($50,991)	0.1313	3.00%	$52,324	$1,333	($21,742)
8	396,174	0.55%	$0.1280	0.00%	($50,710)	0.1353	3.00%	$53,597	$2,887	($18,855)
9	393,995	0.55%	$0.1280	0.00%	($50,431)	0.1393	3.00%	$54,901	$4,470	($14,385)
10	391,828	0.55%	$0.1280	0.00%	($50,154)	0.1435	3.00%	$56,237	$6,083	($8,302)
11	389,673	0.55%	$0.1280	0.00%	($49,878)	0.1478	3.00%	$57,606	$7,728	($575)
12	387,530	0.55%	$0.1280	0.00%	($49,604)	0.1523	3.00%	$59,008	$9,404	$8,829
13	385,399	0.55%	$0.1280	0.00%	($49,331)	0.1568	3.00%	$60,443	$11,112	$19,942
14	383,279	0.55%	$0.1280	0.00%	($49,060)	0.1615	3.00%	$61,914	$12,855	$32,796
15	381,171	0.55%	$0.1280	0.00%	($48,790)	0.1664	3.00%	$63,421	$14,631	$47,427
16	379,074	0.55%	$0.1280	0.00%	($48,522)	0.1714	3.00%	$64,964	$16,443	$63,870
17	376,989	0.55%	$0.1280	0.00%	($48,255)	0.1765	3.00%	$66,545	$18,291	$82,161
18	374,916	0.55%	$0.1280	0.00%	($47,989)	0.1818	3.00%	$68,165	$20,175	$102,336
19	372,854	0.55%	$0.1280	0.00%	($47,725)	0.1873	3.00%	$69,823	$22,098	$124,435
20	370,803	0.55%	$0.1280	0.00%	($47,463)	0.1929	3.00%	$71,523	$24,060	$148,494
21	368,764	0.55%	$0.1280	0.00%	($47,202)	0.1987	3.00%	$73,263	$26,061	$174,556
22	366,736	0.55%	$0.1280	0.00%	($46,942)	0.2046	3.00%	$75,046	$28,104	$202,660
23	364,719	0.55%	$0.1280	0.00%	($46,684)	0.2108	3.00%	$76,872	$30,188	$232,848
24	362,713	0.55%	$0.1280	0.00%	($46,427)	0.2171	3.00%	$78,743	$32,316	$265,164
25	360,718	0.55%	$0.1280	0.00%	($46,172)	0.2236	3.00%	$80,659	$34,487	$299,651
26	358,734	0.55%	$0.1280	0.00%	($45,918)	0.2303	3.00%	$82,622	$36,704	$336,355
27	356,761	0.55%	$0.1280	0.00%	($45,665)	0.2372	3.00%	$84,633	$38,967	$375,322
28	354,799	0.55%	$0.1280	0.00%	($45,414)	0.2443	3.00%	$86,692	$41,278	$416,600
29	352,847	0.55%	$0.1280	0.00%	($45,164)	0.2517	3.00%	$88,802	$43,637	$460,237
30	350,907	0.55%	$0.1280	0.00%	($44,916)	0.2592	3.00%	$90,963	$46,047	$506,284
31	348,977	0.55%	$0.1280	0.00%	($44,669)	0.2670	3.00%	$93,176	$48,507	$554,791
32	347,057	0.55%	$0.1280	0.00%	($44,423)	0.2750	3.00%	$95,444	$51,020	$605,812
33	345,148	0.55%	$0.1280	0.00%	($44,179)	0.2833	3.00%	$97,766	$53,587	$659,399
34	343,250	0.55%	$0.1280	0.00%	($43,936)	0.2918	3.00%	$100,146	$56,210	$715,609
35	341,362	0.55%	$0.1280	0.00%	($43,694)	0.3005	3.00%	$102,583	$58,888	$774,497
Total	13,142,426				($1,682,230)			$2,456,728	$774,497	

Solar Inputs	
Total kW Installed	327
Solar Production Year 1	411,768
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1280
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$45,294	$1,533,902	$2,456,728
Total PPA Payments	($52,706)	($1,234,251)	($1,682,230)
Net Benefit	($7,412)	$299,651	$774,497

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments = (B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits = (F + I)	Cumulative Cash Flow
0										
1	447,491	0.55%	$0.2130	0.00%	($95,316)	0.1100	3.00%	$49,224	($46,091.57)	($46,091.57)
2	445,030	0.55%	$0.2130	0.00%	($94,791)	0.1133	3.00%	$50,422	($44,369.47)	($90,461.04)
3	442,582	0.55%	$0.2130	0.00%	($94,270)	0.1167	3.00%	$51,649	($42,621.10)	($133,082.15)
4	440,148	0.55%	$0.2130	0.00%	($93,752)	0.1202	3.00%	$52,906	($40,845.74)	($173,927.89)
5	437,727	0.55%	$0.2130	0.00%	($93,236)	0.1238	3.00%	$54,193	($39,042.65)	($212,970.53)
6	435,320	0.55%	$0.2130	0.00%	($92,723)	0.1275	3.00%	$55,512	($37,211.06)	($250,181.59)
7	432,925	0.55%	$0.2130	0.00%	($92,213)	0.1313	3.00%	$56,863	($35,350.19)	($285,531.79)
8	430,544	0.55%	$0.2130	0.00%	($91,706)	0.1353	3.00%	$58,247	($33,459.26)	($318,991.05)
9	428,176	0.55%	$0.2130	0.00%	($91,202)	0.1393	3.00%	$59,664	($31,537.45)	($350,528.50)
10	425,821	0.55%	$0.2130	0.00%	($90,700)	0.1435	3.00%	$61,116	($29,583.91)	($380,112.41)
11	423,479	0.55%	$0.2130	0.00%	($90,201)	0.1478	3.00%	$62,603	($27,597.81)	($407,710.22)
12	421,150	0.55%	$0.2130	0.00%	($89,705)	0.1523	3.00%	$64,127	($25,578.25)	($433,288.47)
13	418,834	0.55%	$0.2130	0.00%	($89,212)	0.1568	3.00%	$65,687	($23,524.35)	($456,812.81)
14	416,530	0.55%	$0.2130	0.00%	($88,721)	0.1615	3.00%	$67,286	($21,435.18)	($478,248.00)
15	414,239	0.55%	$0.2130	0.00%	($88,233)	0.1664	3.00%	$68,923	($19,309.82)	($497,557.82)
16	411,961	0.55%	$0.2130	0.00%	($87,748)	0.1714	3.00%	$70,600	($17,147.29)	($514,705.11)
17	409,695	0.55%	$0.2130	0.00%	($87,265)	0.1765	3.00%	$72,318	($14,946.62)	($529,651.73)
18	407,442	0.55%	$0.2130	0.00%	($86,785)	0.1818	3.00%	$74,078	($12,706.79)	($542,358.53)
19	405,201	0.55%	$0.2130	0.00%	($86,308)	0.1873	3.00%	$75,881	($10,426.78)	($552,785.31)
20	402,972	0.55%	$0.2130	0.00%	($85,833)	0.1929	3.00%	$77,728	($8,105.52)	($560,890.83)
21	400,756	0.55%	$0.2130	0.00%	($85,361)	0.1987	3.00%	$79,619	($5,741.94)	($566,632.76)
22	398,552	0.55%	$0.2130	0.00%	($84,892)	0.2046	3.00%	$81,557	($3,334.92)	($569,967.69)
23	396,360	0.55%	$0.2130	0.00%	($84,425)	0.2108	3.00%	$83,541	($883.34)	($570,851.02)
24	394,180	0.55%	$0.2130	0.00%	($83,960)	0.2171	3.00%	$85,574	$1,613.98	($569,237.05)
25	392,012	0.55%	$0.2130	0.00%	($83,499)	0.2236	3.00%	$87,657	$4,158.21	($565,078.84)
26	389,856	0.55%	$0.2130	0.00%	($83,039)	0.2303	3.00%	$89,790	$6,750.58	($558,328.26)
27	387,712	0.55%	$0.2130	0.00%	($82,583)	0.2372	3.00%	$91,975	$9,392.33	($548,935.94)
28	385,579	0.55%	$0.2130	0.00%	($82,128)	0.2443	3.00%	$94,213	$12,084.74	($536,851.19)
29	383,458	0.55%	$0.2130	0.00%	($81,677)	0.2517	3.00%	$96,506	$14,829.12	($522,022.07)
30	381,349	0.55%	$0.2130	0.00%	($81,227)	0.2592	3.00%	$98,854	$17,626.81	($504,395.26)
31	379,252	0.55%	$0.2130	0.00%	($80,781)	0.2670	3.00%	$101,260	$20,479.18	($483,916.07)
32	377,166	0.55%	$0.2130	0.00%	($80,336)	0.2750	3.00%	$103,724	$23,387.64	($460,528.44)
33	375,092	0.55%	$0.2130	0.00%	($79,895)	0.2833	3.00%	$106,248	$26,353.61	($434,174.83)
34	373,029	0.55%	$0.2130	0.00%	($79,455)	0.2918	3.00%	$108,834	$29,378.58	($404,796.25)
35	370,977	0.55%	$0.2130	0.00%	($79,018)	0.3005	3.00%	$111,482	$32,464.05	($372,332.20)
Total	14,282,599				($3,042,194)			$2,669,861	($372,332.20)	

Solar Inputs	
Total kW Installed	326
Solar Production Year 1	447,491
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.2130
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$49,224	$1,666,976	$2,669,861
Total PPA Payments	($95,316)	($2,232,054)	($3,042,194)
Net Benefit	($46,092)	($565,079)	($372,332)

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Exhibit D – BAFO Pricing max systems

1% Escalator with RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$0.1120	1.00%	($65,207)	0.1100	3.00%	$64,043	($1,164)	($1,164)
2	579,006	0.55%	$0.1131	1.00%	($65,497)	0.1133	3.00%	$65,601	$104	($1,060)
3	575,821	0.55%	$0.1143	1.00%	($65,788)	0.1167	3.00%	$67,198	$1,409	$349
4	572,654	0.55%	$0.1154	1.00%	($66,081)	0.1202	3.00%	$68,833	$2,752	$3,102
5	569,505	0.55%	$0.1165	1.00%	($66,374)	0.1238	3.00%	$70,508	$4,134	$7,235
6	566,372	0.55%	$0.1177	1.00%	($66,669)	0.1275	3.00%	$72,224	$5,554	$12,790
7	563,257	0.55%	$0.1189	1.00%	($66,966)	0.1313	3.00%	$73,981	$7,016	$19,805
8	560,159	0.55%	$0.1201	1.00%	($67,263)	0.1353	3.00%	$75,782	$8,518	$28,324
9	557,079	0.55%	$0.1213	1.00%	($67,562)	0.1393	3.00%	$77,626	$10,063	$38,387
10	554,015	0.55%	$0.1225	1.00%	($67,863)	0.1435	3.00%	$79,515	$11,652	$50,039
11	550,968	0.55%	$0.1237	1.00%	($68,164)	0.1478	3.00%	$81,450	$13,286	$63,325
12	547,937	0.55%	$0.1250	1.00%	($68,467)	0.1523	3.00%	$83,432	$14,965	$78,290
13	544,924	0.55%	$0.1262	1.00%	($68,772)	0.1568	3.00%	$85,462	$16,691	$94,980
14	541,927	0.55%	$0.1275	1.00%	($69,077)	0.1615	3.00%	$87,542	$18,465	$113,445
15	538,946	0.55%	$0.1287	1.00%	($69,384)	0.1664	3.00%	$89,672	$20,288	$133,733
16	535,982	0.55%	$0.1300	1.00%	($69,693)	0.1714	3.00%	$91,855	$22,162	$155,895
17	533,034	0.55%	$0.1313	1.00%	($70,003)	0.1765	3.00%	$94,090	$24,087	$179,982
18	530,102	0.55%	$0.1326	1.00%	($70,314)	0.1818	3.00%	$96,380	$26,066	$206,047
19	527,187	0.55%	$0.1340	1.00%	($70,626)	0.1873	3.00%	$98,725	$28,099	$234,146
20	524,287	0.55%	$0.1353	1.00%	($70,940)	0.1929	3.00%	$101,127	$30,187	$264,333
21	521,403	0.55%	$0.1367	1.00%	($71,256)	0.1987	3.00%	$103,588	$32,333	$296,666
22	518,536	0.55%	$0.1380	1.00%	($71,572)	0.2046	3.00%	$106,109	$34,537	$331,203
23	515,684	0.55%	$0.1394	1.00%	($71,891)	0.2108	3.00%	$108,691	$36,801	$368,004
24	512,848	0.55%	$0.1408	1.00%	($72,210)	0.2171	3.00%	$111,336	$39,126	$407,130
25	510,027	0.55%	$0.1422	1.00%	($72,531)	0.2236	3.00%	$114,046	$41,515	$448,645
26	507,222	0.55%	$0.1436	1.00%	($72,853)	0.2303	3.00%	$116,821	$43,968	$492,612
27	504,432	0.55%	$0.1451	1.00%	($73,177)	0.2372	3.00%	$119,664	$46,487	$539,099
28	501,658	0.55%	$0.1465	1.00%	($73,503)	0.2443	3.00%	$122,576	$49,073	$588,172
29	498,899	0.55%	$0.1480	1.00%	($73,829)	0.2517	3.00%	$125,559	$51,730	$639,902
30	496,155	0.55%	$0.1495	1.00%	($74,157)	0.2592	3.00%	$128,614	$54,457	$694,358
31	493,426	0.55%	$0.1510	1.00%	($74,487)	0.2670	3.00%	$131,744	$57,257	$751,615
32	490,712	0.55%	$0.1525	1.00%	($74,818)	0.2750	3.00%	$134,950	$60,132	$811,747
33	488,013	0.55%	$0.1540	1.00%	($75,151)	0.2833	3.00%	$138,234	$63,083	$874,831
34	485,329	0.55%	$0.1555	1.00%	($75,485)	0.2918	3.00%	$141,598	$66,113	$940,944
35	482,660	0.55%	$0.1571	1.00%	($75,820)	0.3005	3.00%	$145,044	$69,224	$1,010,167
Total	18,582,370				($2,463,455)			$3,473,622	$1,010,167	

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1120
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$64,043	$2,168,818	$3,473,622
Total PPA Payments	($65,207)	($1,720,173)	($2,463,455)
Net Benefit	($1,164)	$448,645	$1,010,167

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R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$0.1090	1.00%	($61,227)	0.1100	3.00%	$61,789	$562	$562
2	558,628	0.55%	$0.1101	1.00%	($61,499)	0.1133	3.00%	$63,293	$1,793	$2,355
3	555,556	0.55%	$0.1112	1.00%	($61,773)	0.1167	3.00%	$64,833	$3,060	$5,415
4	552,500	0.55%	$0.1123	1.00%	($62,047)	0.1202	3.00%	$66,411	$4,363	$9,778
5	549,461	0.55%	$0.1134	1.00%	($62,323)	0.1238	3.00%	$68,027	$5,703	$15,482
6	546,439	0.55%	$0.1146	1.00%	($62,600)	0.1275	3.00%	$69,682	$7,082	$22,564
7	543,434	0.55%	$0.1157	1.00%	($62,878)	0.1313	3.00%	$71,378	$8,499	$31,063
8	540,445	0.55%	$0.1169	1.00%	($63,158)	0.1353	3.00%	$73,115	$9,957	$41,020
9	537,473	0.55%	$0.1180	1.00%	($63,439)	0.1393	3.00%	$74,894	$11,455	$52,475
10	534,517	0.55%	$0.1192	1.00%	($63,721)	0.1435	3.00%	$76,717	$12,996	$65,471
11	531,577	0.55%	$0.1204	1.00%	($64,004)	0.1478	3.00%	$78,583	$14,580	$80,050
12	528,653	0.55%	$0.1216	1.00%	($64,288)	0.1523	3.00%	$80,496	$16,207	$96,258
13	525,745	0.55%	$0.1228	1.00%	($64,574)	0.1568	3.00%	$82,455	$17,880	$114,138
14	522,854	0.55%	$0.1241	1.00%	($64,861)	0.1615	3.00%	$84,461	$19,600	$133,738
15	519,978	0.55%	$0.1253	1.00%	($65,149)	0.1664	3.00%	$86,516	$21,367	$155,105
16	517,118	0.55%	$0.1265	1.00%	($65,439)	0.1714	3.00%	$88,622	$23,183	$178,288
17	514,274	0.55%	$0.1278	1.00%	($65,730)	0.1765	3.00%	$90,778	$25,049	$203,337
18	511,446	0.55%	$0.1291	1.00%	($66,022)	0.1818	3.00%	$92,988	$26,965	$230,302
19	508,633	0.55%	$0.1304	1.00%	($66,316)	0.1873	3.00%	$95,250	$28,935	$259,237
20	505,835	0.55%	$0.1317	1.00%	($66,610)	0.1929	3.00%	$97,568	$30,958	$290,195
21	503,053	0.55%	$0.1330	1.00%	($66,906)	0.1987	3.00%	$99,943	$33,036	$323,231
22	500,286	0.55%	$0.1343	1.00%	($67,204)	0.2046	3.00%	$102,375	$35,171	$358,402
23	497,535	0.55%	$0.1357	1.00%	($67,503)	0.2108	3.00%	$104,866	$37,364	$395,766
24	494,798	0.55%	$0.1370	1.00%	($67,803)	0.2171	3.00%	$107,418	$39,615	$435,381
25	492,077	0.55%	$0.1384	1.00%	($68,104)	0.2236	3.00%	$110,032	$41,928	$477,309
26	489,370	0.55%	$0.1398	1.00%	($68,407)	0.2303	3.00%	$112,710	$44,303	$521,612
27	486,679	0.55%	$0.1412	1.00%	($68,711)	0.2372	3.00%	$115,452	$46,742	$568,354
28	484,002	0.55%	$0.1426	1.00%	($69,016)	0.2443	3.00%	$118,262	$49,246	$617,600
29	481,340	0.55%	$0.1440	1.00%	($69,323)	0.2517	3.00%	$121,140	$51,817	$669,417
30	478,693	0.55%	$0.1455	1.00%	($69,631)	0.2592	3.00%	$124,088	$54,457	$723,873
31	476,060	0.55%	$0.1469	1.00%	($69,941)	0.2670	3.00%	$127,107	$57,167	$781,040
32	473,442	0.55%	$0.1484	1.00%	($70,251)	0.2750	3.00%	$130,201	$59,949	$840,989
33	470,838	0.55%	$0.1499	1.00%	($70,561)	0.2833	3.00%	$133,369	$62,805	$903,795
34	468,248	0.55%	$0.1514	1.00%	($70,877)	0.2918	3.00%	$136,615	$65,737	$969,532
35	465,673	0.55%	$0.1529	1.00%	($71,192)	0.3005	3.00%	$139,939	$68,747	$1,038,279
Total	17,928,378				($2,313,092)			$3,351,371	$1,038,279	

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1090
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$61,789	$2,092,488	$3,351,371
Total PPA Payments	($61,227)	($1,615,179)	($2,313,092)
Net Benefit	$562	$477,309	$1,038,279

Dominion Energy Solutions
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Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$0.1680	1.00%	($210,011)	0.1100	3.00%	$137,507	($72,504)	($72,504)
2	1,243,188	0.55%	$0.1697	1.00%	($210,944)	0.1133	3.00%	$140,853	($70,091)	($142,595)
3	1,236,351	0.55%	$0.1714	1.00%	($211,882)	0.1167	3.00%	$144,281	($67,601)	($210,196)
4	1,229,551	0.55%	$0.1731	1.00%	($212,824)	0.1202	3.00%	$147,792	($65,032)	($275,227)
5	1,222,788	0.55%	$0.1748	1.00%	($213,770)	0.1238	3.00%	$151,388	($62,381)	($337,608)
6	1,216,063	0.55%	$0.1766	1.00%	($214,720)	0.1275	3.00%	$155,073	($59,647)	($397,256)
7	1,209,374	0.55%	$0.1783	1.00%	($215,674)	0.1313	3.00%	$158,846	($56,828)	($454,084)
8	1,202,723	0.55%	$0.1801	1.00%	($216,633)	0.1353	3.00%	$162,712	($53,921)	($508,005)
9	1,196,108	0.55%	$0.1819	1.00%	($217,596)	0.1393	3.00%	$166,671	($50,925)	($558,930)
10	1,189,529	0.55%	$0.1837	1.00%	($218,563)	0.1435	3.00%	$170,727	($47,836)	($606,765)
11	1,182,987	0.55%	$0.1856	1.00%	($219,535)	0.1478	3.00%	$174,882	($44,653)	($651,418)
12	1,176,481	0.55%	$0.1874	1.00%	($220,510)	0.1523	3.00%	$179,138	($41,373)	($692,791)
13	1,170,010	0.55%	$0.1893	1.00%	($221,491)	0.1568	3.00%	$183,497	($37,994)	($730,784)
14	1,163,575	0.55%	$0.1912	1.00%	($222,475)	0.1615	3.00%	$187,962	($34,513)	($765,297)
15	1,157,175	0.55%	$0.1931	1.00%	($223,464)	0.1664	3.00%	$192,536	($30,928)	($796,225)
16	1,150,811	0.55%	$0.1950	1.00%	($224,457)	0.1714	3.00%	$197,222	($27,236)	($823,460)
17	1,144,481	0.55%	$0.1970	1.00%	($225,455)	0.1765	3.00%	$202,021	($23,434)	($846,894)
18	1,138,187	0.55%	$0.1990	1.00%	($226,457)	0.1818	3.00%	$206,937	($19,520)	($866,414)
19	1,131,927	0.55%	$0.2010	1.00%	($227,464)	0.1873	3.00%	$211,973	($15,491)	($881,904)
20	1,125,701	0.55%	$0.2030	1.00%	($228,475)	0.1929	3.00%	$217,132	($11,343)	($893,248)
21	1,119,510	0.55%	$0.2050	1.00%	($229,490)	0.1987	3.00%	$222,415	($7,075)	($900,323)
22	1,113,352	0.55%	$0.2070	1.00%	($230,511)	0.2046	3.00%	$227,828	($2,683)	($903,005)
23	1,107,229	0.55%	$0.2091	1.00%	($231,535)	0.2108	3.00%	$233,372	$1,837	($901,168)
24	1,101,139	0.55%	$0.2112	1.00%	($232,564)	0.2171	3.00%	$239,051	$6,487	($894,681)
25	1,095,083	0.55%	$0.2133	1.00%	($233,598)	0.2236	3.00%	$244,869	$11,271	($883,411)
26	1,089,060	0.55%	$0.2154	1.00%	($234,636)	0.2303	3.00%	$250,827	$16,191	($867,220)
27	1,083,070	0.55%	$0.2176	1.00%	($235,679)	0.2372	3.00%	$256,931	$21,252	($845,968)
28	1,077,113	0.55%	$0.2198	1.00%	($236,727)	0.2443	3.00%	$263,184	$26,457	($819,511)
29	1,071,189	0.55%	$0.2220	1.00%	($237,779)	0.2517	3.00%	$269,588	$31,809	($787,702)
30	1,065,298	0.55%	$0.2242	1.00%	($238,836)	0.2592	3.00%	$276,149	$37,313	($750,389)
31	1,059,438	0.55%	$0.2264	1.00%	($239,898)	0.2670	3.00%	$282,869	$42,971	($707,418)
32	1,053,611	0.55%	$0.2287	1.00%	($240,964)	0.2750	3.00%	$289,752	$48,788	($658,630)
33	1,047,817	0.55%	$0.2310	1.00%	($242,035)	0.2833	3.00%	$296,804	$54,768	($603,861)
34	1,042,054	0.55%	$0.2333	1.00%	($243,111)	0.2918	3.00%	$304,026	$60,915	($542,946)
35	1,036,322	0.55%	$0.2356	1.00%	($244,192)	0.3005	3.00%	$311,425	$67,233	($475,713)
Total	39,898,357				($7,933,955)			$7,458,242	($475,713)	

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1680
Escalation Rate	1.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$137,507	$4,656,686	$7,458,242
Total PPA Payments	($210,011)	($5,540,097)	($7,933,955)
Net Benefit	($72,504)	($883,411)	($475,713)

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Exhibit E – BAFO Pricing max systems

0% Escalator with RECs to Henrico

Jackson Davis Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	582,208	0.55%	$0.1220	0.00%	($71,029)	0.1100	3.00%	$64,043	($6,986)	($6,986)
2	579,006	0.55%	$0.1220	0.00%	($70,639)	0.1133	3.00%	$65,601	($5,037)	($12,024)
3	575,821	0.55%	$0.1220	0.00%	($70,250)	0.1167	3.00%	$67,198	($3,052)	($15,076)
4	572,654	0.55%	$0.1220	0.00%	($69,864)	0.1202	3.00%	$68,833	($1,031)	($16,107)
5	569,505	0.55%	$0.1220	0.00%	($69,480)	0.1238	3.00%	$70,508	$1,029	($15,079)
6	566,372	0.55%	$0.1220	0.00%	($69,097)	0.1275	3.00%	$72,224	$3,126	($11,952)
7	563,257	0.55%	$0.1220	0.00%	($68,717)	0.1313	3.00%	$73,981	$5,264	($6,688)
8	560,159	0.55%	$0.1220	0.00%	($68,339)	0.1353	3.00%	$75,782	$7,442	$754
9	557,079	0.55%	$0.1220	0.00%	($67,964)	0.1393	3.00%	$77,626	$9,662	$10,417
10	554,015	0.55%	$0.1220	0.00%	($67,590)	0.1435	3.00%	$79,515	$11,925	$22,342
11	550,968	0.55%	$0.1220	0.00%	($67,218)	0.1478	3.00%	$81,450	$14,232	$36,574
12	547,937	0.55%	$0.1220	0.00%	($66,848)	0.1523	3.00%	$83,432	$16,584	$53,158
13	544,924	0.55%	$0.1220	0.00%	($66,481)	0.1568	3.00%	$85,462	$18,982	$72,139
14	541,927	0.55%	$0.1220	0.00%	($66,115)	0.1615	3.00%	$87,542	$21,427	$93,566
15	538,946	0.55%	$0.1220	0.00%	($65,751)	0.1664	3.00%	$89,672	$23,921	$117,487
16	535,982	0.55%	$0.1220	0.00%	($65,390)	0.1714	3.00%	$91,855	$26,465	$143,952
17	533,034	0.55%	$0.1220	0.00%	($65,030)	0.1765	3.00%	$94,090	$29,060	$173,012
18	530,102	0.55%	$0.1220	0.00%	($64,672)	0.1818	3.00%	$96,380	$31,707	$204,719
19	527,187	0.55%	$0.1220	0.00%	($64,317)	0.1873	3.00%	$98,725	$34,408	$239,127
20	524,287	0.55%	$0.1220	0.00%	($63,963)	0.1929	3.00%	$101,127	$37,164	$276,292
21	521,403	0.55%	$0.1220	0.00%	($63,611)	0.1987	3.00%	$103,588	$39,977	$316,269
22	518,536	0.55%	$0.1220	0.00%	($63,261)	0.2046	3.00%	$106,109	$42,848	$359,117
23	515,684	0.55%	$0.1220	0.00%	($62,913)	0.2108	3.00%	$108,691	$45,778	$404,895
24	512,848	0.55%	$0.1220	0.00%	($62,567)	0.2171	3.00%	$111,336	$48,769	$453,664
25	510,027	0.55%	$0.1220	0.00%	($62,223)	0.2236	3.00%	$114,046	$51,822	$505,486
26	507,222	0.55%	$0.1220	0.00%	($61,881)	0.2303	3.00%	$116,821	$54,940	$560,426
27	504,432	0.55%	$0.1220	0.00%	($61,541)	0.2372	3.00%	$119,664	$58,123	$618,549
28	501,658	0.55%	$0.1220	0.00%	($61,202)	0.2443	3.00%	$122,576	$61,374	$679,923
29	498,899	0.55%	$0.1220	0.00%	($60,866)	0.2517	3.00%	$125,559	$64,693	$744,616
30	496,155	0.55%	$0.1220	0.00%	($60,531)	0.2592	3.00%	$128,614	$68,083	$812,700
31	493,426	0.55%	$0.1220	0.00%	($60,198)	0.2670	3.00%	$131,744	$71,546	$884,246
32	490,712	0.55%	$0.1220	0.00%	($59,867)	0.2750	3.00%	$134,950	$75,083	$959,329
33	488,013	0.55%	$0.1220	0.00%	($59,538)	0.2833	3.00%	$138,234	$78,697	$1,038,026
34	485,329	0.55%	$0.1220	0.00%	($59,210)	0.2918	3.00%	$141,598	$82,388	$1,120,414
35	482,660	0.55%	$0.1220	0.00%	($58,884)	0.3005	3.00%	$145,044	$86,159	$1,206,573
Total	18,582,370				($2,267,049)			$3,473,622	$1,206,573	

Solar Inputs	
Total kW Installed	440
Solar Production Year 1	582,208
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1220
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$64,043	$2,168,818	$3,473,622
Total PPA Payments	($71,029)	($1,663,332)	($2,267,049)
Net Benefit	($6,986)	$505,486	$1,206,573

Dominion Energy Solutions
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R.C. Longan Elementary School

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	561,718	0.55%	$0.1190	0.00%	($66,844)	0.1100	3.00%	$61,789	($5,055)	($5,055)
2	558,628	0.55%	$0.1190	0.00%	($66,477)	0.1133	3.00%	$63,293	($3,184)	($8,240)
3	555,556	0.55%	$0.1190	0.00%	($66,111)	0.1167	3.00%	$64,833	($1,278)	($9,518)
4	552,500	0.55%	$0.1190	0.00%	($65,748)	0.1202	3.00%	$66,411	$663	($8,855)
5	549,461	0.55%	$0.1190	0.00%	($65,386)	0.1238	3.00%	$68,027	$2,641	($6,214)
6	546,439	0.55%	$0.1190	0.00%	($65,026)	0.1275	3.00%	$69,682	$4,656	($1,559)
7	543,434	0.55%	$0.1190	0.00%	($64,669)	0.1313	3.00%	$71,378	$6,709	$5,151
8	540,445	0.55%	$0.1190	0.00%	($64,313)	0.1353	3.00%	$73,115	$8,802	$13,952
9	537,473	0.55%	$0.1190	0.00%	($63,959)	0.1393	3.00%	$74,894	$10,935	$24,887
10	534,517	0.55%	$0.1190	0.00%	($63,607)	0.1435	3.00%	$76,717	$13,109	$37,996
11	531,577	0.55%	$0.1190	0.00%	($63,258)	0.1478	3.00%	$78,583	$15,326	$53,322
12	528,653	0.55%	$0.1190	0.00%	($62,910)	0.1523	3.00%	$80,496	$17,586	$70,908
13	525,745	0.55%	$0.1190	0.00%	($62,564)	0.1568	3.00%	$82,455	$19,891	$90,799
14	522,854	0.55%	$0.1190	0.00%	($62,220)	0.1615	3.00%	$84,461	$22,242	$113,040
15	519,978	0.55%	$0.1190	0.00%	($61,877)	0.1664	3.00%	$86,516	$24,639	$137,679
16	517,118	0.55%	$0.1190	0.00%	($61,537)	0.1714	3.00%	$88,622	$27,085	$164,764
17	514,274	0.55%	$0.1190	0.00%	($61,199)	0.1765	3.00%	$90,778	$29,580	$194,344
18	511,446	0.55%	$0.1190	0.00%	($60,862)	0.1818	3.00%	$92,988	$32,126	$226,470
19	508,633	0.55%	$0.1190	0.00%	($60,527)	0.1873	3.00%	$95,250	$34,723	$261,193
20	505,835	0.55%	$0.1190	0.00%	($60,194)	0.1929	3.00%	$97,568	$37,374	$298,567
21	503,053	0.55%	$0.1190	0.00%	($59,863)	0.1987	3.00%	$99,943	$40,079	$338,646
22	500,286	0.55%	$0.1190	0.00%	($59,534)	0.2046	3.00%	$102,375	$42,841	$381,487
23	497,535	0.55%	$0.1190	0.00%	($59,207)	0.2108	3.00%	$104,866	$45,659	$427,146
24	494,798	0.55%	$0.1190	0.00%	($58,881)	0.2171	3.00%	$107,418	$48,537	$475,683
25	492,077	0.55%	$0.1190	0.00%	($58,557)	0.2236	3.00%	$110,032	$51,475	$527,158
26	489,370	0.55%	$0.1190	0.00%	($58,235)	0.2303	3.00%	$112,710	$54,475	$581,633
27	486,679	0.55%	$0.1190	0.00%	($57,915)	0.2372	3.00%	$115,452	$57,538	$639,170
28	484,002	0.55%	$0.1190	0.00%	($57,596)	0.2443	3.00%	$118,262	$60,666	$699,836
29	481,340	0.55%	$0.1190	0.00%	($57,279)	0.2517	3.00%	$121,140	$63,860	$763,696
30	478,693	0.55%	$0.1190	0.00%	($56,964)	0.2592	3.00%	$124,088	$67,123	$830,820
31	476,060	0.55%	$0.1190	0.00%	($56,651)	0.2670	3.00%	$127,107	$70,456	$901,276
32	473,442	0.55%	$0.1190	0.00%	($56,340)	0.2750	3.00%	$130,201	$73,861	$975,137
33	470,838	0.55%	$0.1190	0.00%	($56,030)	0.2833	3.00%	$133,369	$77,339	$1,052,477
34	468,248	0.55%	$0.1190	0.00%	($55,722)	0.2918	3.00%	$136,615	$80,893	$1,133,370
35	465,673	0.55%	$0.1190	0.00%	($55,415)	0.3005	3.00%	$139,939	$84,524	$1,217,894
Total	17,928,378				($2,133,477)			$3,351,371	$1,217,894	

Solar Inputs	
Total kW Installed	422
Solar Production Year 1	561,718
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1190
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$61,789	$2,092,488	$3,351,371
Total PPA Payments	($66,844)	($1,565,330)	($2,133,477)
Net Benefit	($5,055)	$527,158	$1,217,894

Dominion Energy Solutions
600 E Canal Street
Richmond, VA 23219

Dominion Energy Solutions℠

Western Government Center Parking Deck

	Solar Outputs		Solar PPA Costs			Avoided Costs			Cash Flow	
A	B	C	D	E	F	G	H	I	J	K
Year	Annual Solar Production kWh	System Degradation Rate	PPA Rate $/kWh	PPA Escalation Rate	Annual PPA Payments =(B x E)	Cost of Grid Energy $/kWh	Grid Escalation Rate	Avoided Cost of Energy = (B x G)	Net Benefits =(F + I)	Cumulative Cash Flow
0										
1	1,250,064	0.55%	$0.1830	0.00%	($228,762)	0.1100	3.00%	$137,507	($91,255)	($91,255)
2	1,243,188	0.55%	$0.1830	0.00%	($227,503)	0.1133	3.00%	$140,853	($86,650)	($177,905)
3	1,236,351	0.55%	$0.1830	0.00%	($226,252)	0.1167	3.00%	$144,281	($81,971)	($259,876)
4	1,229,551	0.55%	$0.1830	0.00%	($225,008)	0.1202	3.00%	$147,792	($77,216)	($337,092)
5	1,222,788	0.55%	$0.1830	0.00%	($223,770)	0.1238	3.00%	$151,388	($72,382)	($409,474)
6	1,216,063	0.55%	$0.1830	0.00%	($222,539)	0.1275	3.00%	$155,073	($67,467)	($476,941)
7	1,209,374	0.55%	$0.1830	0.00%	($221,316)	0.1313	3.00%	$158,846	($62,469)	($539,410)
8	1,202,723	0.55%	$0.1830	0.00%	($220,098)	0.1353	3.00%	$162,712	($57,387)	($596,797)
9	1,196,108	0.55%	$0.1830	0.00%	($218,888)	0.1393	3.00%	$166,671	($52,216)	($649,013)
10	1,189,529	0.55%	$0.1830	0.00%	($217,684)	0.1435	3.00%	$170,727	($46,957)	($695,970)
11	1,182,987	0.55%	$0.1830	0.00%	($216,487)	0.1478	3.00%	$174,882	($41,605)	($737,574)
12	1,176,481	0.55%	$0.1830	0.00%	($215,296)	0.1523	3.00%	$179,138	($36,158)	($773,733)
13	1,170,010	0.55%	$0.1830	0.00%	($214,112)	0.1568	3.00%	$183,497	($30,615)	($804,347)
14	1,163,575	0.55%	$0.1830	0.00%	($212,934)	0.1615	3.00%	$187,962	($24,972)	($829,319)
15	1,157,175	0.55%	$0.1830	0.00%	($211,763)	0.1664	3.00%	$192,536	($19,227)	($848,546)
16	1,150,811	0.55%	$0.1830	0.00%	($210,598)	0.1714	3.00%	$197,222	($13,377)	($861,922)
17	1,144,481	0.55%	$0.1830	0.00%	($209,440)	0.1765	3.00%	$202,021	($7,419)	($869,341)
18	1,138,187	0.55%	$0.1830	0.00%	($208,288)	0.1818	3.00%	$206,937	($1,351)	($870,692)
19	1,131,927	0.55%	$0.1830	0.00%	($207,143)	0.1873	3.00%	$211,973	$4,831	($865,861)
20	1,125,701	0.55%	$0.1830	0.00%	($206,003)	0.1929	3.00%	$217,132	$11,128	($854,733)
21	1,119,510	0.55%	$0.1830	0.00%	($204,870)	0.1987	3.00%	$222,415	$17,545	($837,188)
22	1,113,352	0.55%	$0.1830	0.00%	($203,743)	0.2046	3.00%	$227,828	$24,084	($813,103)
23	1,107,229	0.55%	$0.1830	0.00%	($202,623)	0.2108	3.00%	$233,372	$30,749	($782,354)
24	1,101,139	0.55%	$0.1830	0.00%	($201,508)	0.2171	3.00%	$239,051	$37,543	($744,811)
25	1,095,083	0.55%	$0.1830	0.00%	($200,400)	0.2236	3.00%	$244,869	$44,468	($700,343)
26	1,089,060	0.55%	$0.1830	0.00%	($199,298)	0.2303	3.00%	$250,827	$51,529	($648,813)
27	1,083,070	0.55%	$0.1830	0.00%	($198,202)	0.2372	3.00%	$256,931	$58,730	($590,084)
28	1,077,113	0.55%	$0.1830	0.00%	($197,112)	0.2443	3.00%	$263,184	$66,072	($524,012)
29	1,071,189	0.55%	$0.1830	0.00%	($196,028)	0.2517	3.00%	$269,588	$73,561	($450,451)
30	1,065,298	0.55%	$0.1830	0.00%	($194,949)	0.2592	3.00%	$276,149	$81,199	($369,252)
31	1,059,438	0.55%	$0.1830	0.00%	($193,877)	0.2670	3.00%	$282,869	$88,992	($280,260)
32	1,053,611	0.55%	$0.1830	0.00%	($192,811)	0.2750	3.00%	$289,752	$96,942	($183,319)
33	1,047,817	0.55%	$0.1830	0.00%	($191,750)	0.2833	3.00%	$296,804	$105,053	($78,265)
34	1,042,054	0.55%	$0.1830	0.00%	($190,696)	0.2918	3.00%	$304,026	$113,330	$35,065
35	1,036,322	0.55%	$0.1830	0.00%	($189,647)	0.3005	3.00%	$311,425	$121,778	$156,843
Total	39,898,357				($7,301,399)			$7,458,242	$156,843	

Solar Inputs	
Total kW Installed	907
Solar Production Year 1	1,250,064
Degradation Per Year	0.55%

Customer Cost Inputs	
Year 1 PPA Rate $/kWh	$0.1830
Escalation Rate	0.00%
Cost of Grid Energy $/kWh	$0.1100
Grid Escalation Rate	3.00%

Economic Summary			
	Year 1	Over 25 Years	Over 35 Years
Avoided Cost of Energy	$137,507	$4,656,686	$7,458,242
Total PPA Payments	($228,762)	($5,357,029)	($7,301,399)
Net Benefit	($91,255)	($700,343)	$156,843

Dominion Energy Solutions
600 E Canal Street
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Exhibit F – Future PPA Rates

Capacity	1% Escalated Rate	Flat Rate
<100 kW_{dc}	$0.133 /kWh	$0.145 /kWh
100-250 kW_{dc}	$0.124 /kWh	$0.135 /kWh
251-500 kW_{dc}	$0.119 /kWh	$0.130 /kWh
501-715 kW_{dc}	$0.113 /kWh	$0.123 /kWh
716-1000 kW_{dc}	$0.110 /kWh	$0.120 /kWh
>1000 kW_{dc}	$0.107 /kWh	$0.117 /kWh

Assumptions

1. IRC §48 Federal Investment Tax Credit remains available
2. Environmental attributes accrue to Henrico County; Dominion offers a 1.9¢/kWh decrease on the above escalated rates or 2.1¢/kWh decrease on the flat rates were the environmental attributes to accrue to Dominion
3. No utility interconnection upgrades assumed; for every $10,000 of interconnection upgrades incurred, Dominion proposes a rate increase as follows:
   - systems 251 – 500 kW_{dc} : 0.22¢ increase per $10K
   - systems 501 – 715 kW_{dc} : 0.11¢ increase per $10K
   - systems 716 – 1000 kW_{dc} : 0.08¢ increase per $10K
   - systems over 1000 kW_{dc} : 0.05¢ increase per $10K
   - Notwithstanding adjustments in 2 and 3 above, rates represent a ceiling assuming conservative solar production; Dominion would lower the rates for every 100 kWh production per kW_{dc} above 1,200 by 1¢/kWh
   - Above pricing for rooftop projects only; Dominion can offer bespoke pricing for canopy and ground-mount projects with a not-to-exceed rate of $0.219 for canopy and $0.189 for ground-mounts subject to the above adjustments in 2 and 3 above