

ERRATA FILING

April 11, 2025

BY ELECTRONIC FILING

Mr. Bernard Logan, Clerk
c/o Document Control Center
State Corporation Commission
1300 East Main Street
Tyler Building – 1st Floor
Richmond, Virginia 23219

*Application of Virginia Electric and Power Company
For approval and certification of electric transmission facilities:
Carmel Church and Ruther Glen 230 kV Transmission Line Projects*
Case No. PUR-2024-00221

Dear Mr. Logan:

On December 12, 2024, Virginia Electric and Power Company (the “Company”) filed its *Application of Virginia Electric and Power Company For approval and certification of electric transmission facilities: Carmel Church and Ruther Glen 230 kV Transmission Line Projects* (“Application”), consisting of the Ruther Glen Loop and Ruther Glen Switching Station (the “Ruther Glen Project”) and the Carmel Church Loop and Carmel Church Switching Station (the “Carmel Church Project”) (together, the “Projects”), which are needed to assure that the Company can provide requested service to the Customer for the Customer to provide service to two new data center developments in Caroline County, Virginia, to maintain reliable service for the overall growth in the Project area, and to comply with mandatory NERC Reliability Standards for transmission facilities and the Company’s mandatory planning criteria. The Application filing was supported by the Appendix, pre-filed Direct Testimony, DEQ Supplement, and Environmental Routing Studies.

After filing the Application, it was brought to the Company’s attention that certain Appendix attachments were not included in the filing. Specifically, Appendix Attachments I.A.4 and I.A.5 were inadvertently not included in the filing and Attachment III.B.3 was mislabeled. Enclosed for filing in the above captioned proceeding, please find Appendix Attachments I.A.4, I.A.5, and III.B.3. Appendix Attachments I.A.4 and I.A.5 should be inserted after page 10 of the Appendix. The corrected version of Appendix Attachment III.B.3 should replace the version filed on December 12, 2024, in its entirety.

Please do not hesitate to call if you have any questions regarding the enclosed.

Mr. Bernard Logan, Clerk
April 11, 2025
Page 2

Highest regards,

/s/Jontille D. Ray

Jontille D. Ray

Enclosures

cc: Hon. D. Mathias Roussy, Jr., Chief Hearing Examiner
David J. DePippo, Esq.
Charlotte P. McAfee, Esq.
Annie C. Larson, Esq.
Vishwa B. Link, Esq.
Sarah B. Nielsen, Esq.
Etahjayne J. Harris, Esq.
Service List

REQUEST/NOTIFICATION FOR CHANGES IMPACTING DOMINION FACILITIES

SECTION I – GENERAL

Date: 10 / 18/ 2023

Revision No.: 0

Requestor Name: Old Dominion Electric Cooperative

Requestor Address: 4201 Dominion Blvd, Suite 300

Glen Allen, Virginia 23060

Name of Contact Person: Dan Watkins Coop Member Contact Person: Lee Brock REC 540-891-5811

Contact's Phone: 804-968-4096 ext. Contact's Cell: 804-314-6047

Contact's Fax: - - Contact's Email: dwatkins@odec.com

Signature below authorizes Dominion to proceed with design, engineering, and estimation of Project cost as appropriate for Dominion to evaluate and respond to this request. This authorization is pursuant and subject to all terms and conditions of the Agreement of which this Appendix is a part.

Authorizing Signature: Kevin C. Miller Auth. Date: 10 /23/ 2023

Printed Name: Kevin Miller Phone: 804-968-4040

Title: Vice President of Engineering

SECTION II – DESCRIPTION OF REQUEST

Name of Delivery Point: Carmel Church

Brief Description of Request: (attach detail)	Request for Dominion to build a new delivery point to serve a data center along I-95 at Exit 104 - Hwy 207. A revised site map and load ramp schedule are attached to this request. The new requested load will be approximately 298.6 MWs. This is an updated load ramp from the original 130 MWs submitted in May 2023.
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Brief Reasoning for Request: (attach detail)	REC has received a new request for a data center campus in Caroline County. A study only request was submitted in September of 2023. This request is for moving forward with the construction of the delivery point.
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Delivery Point Location: Lat, Long of the site is approximately 37.9297, -77.4675. See the attached map for project layout.
(attach detail if DP is new)

<p>Noteworthy Load Characteristics:</p> <p>(large motors, large fluctuating loads, large harmonic-producing loads, etc.)</p>	Data Center
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PRESENT DELIVERY POINT DATA:

Present Delivery Point Voltage: N/A

Present Maximum kVA Capacity of Delivery Point Facilities:

Present Summer Peak kW Demand: _____ Present Summer Peak kVAR Demand: _____

Present Winter Peak kW Demand: _____ Present Winter Peak kVAR Demand: _____

ANTICIPATED NEW DELIVERY POINT FACILITIES DATA:

New Delivery Point Voltage: TBD
New Peak kVA Capacity of Delivery Point Facilities: 298,600

Peak kW and rkVA During First Three Years Following Implementation and Highest Peak Within Ten Years:

	Initial Year: 2026	Second Year: 2027	Third Year: 2028	Highest in First Ten Years: 2035
Enter Year →				
Summer Peak kW:	<u>17,600</u>	<u>79,600</u>	<u>124,600</u>	<u>298,600</u>
Summer Peak rkVA:	_____	_____	_____	_____
Winter Peak kW:	_____	_____	_____	_____
Winter Peak rkVA:	_____	_____	_____	_____
Delivery Point Facilities Route: (attach detail if new line extension is involved)	_____			
Additional Comments:	<u>Load ramp spreadsheet attached.</u>			

SECTION III – CUSTOMER'S EQUIPMENT

Transformer Primary Voltage: _____ Transformer Secondary Voltage: _____
Transformer Nameplate Capacity: _____ Temperature Rise: _____
Transformer Taps: _____
Connection (e.g. Wye-Wye): _____
Transformer Impedance: _____
Isolation Device Type and Rating: _____
Protection Device Type and Rating: _____
Required Attachments: [1] One-line diagram [2] Transformer test report [3] Transformer loss curve
[4] Operating procedures description [5] Protection scheme functional diagram
[6] Protection Device information (including device types, serial and model numbers, relay
settings, etc.)

SECTION IV – TIMING

Request included in Customer’s planning documents submitted to Dominion on:

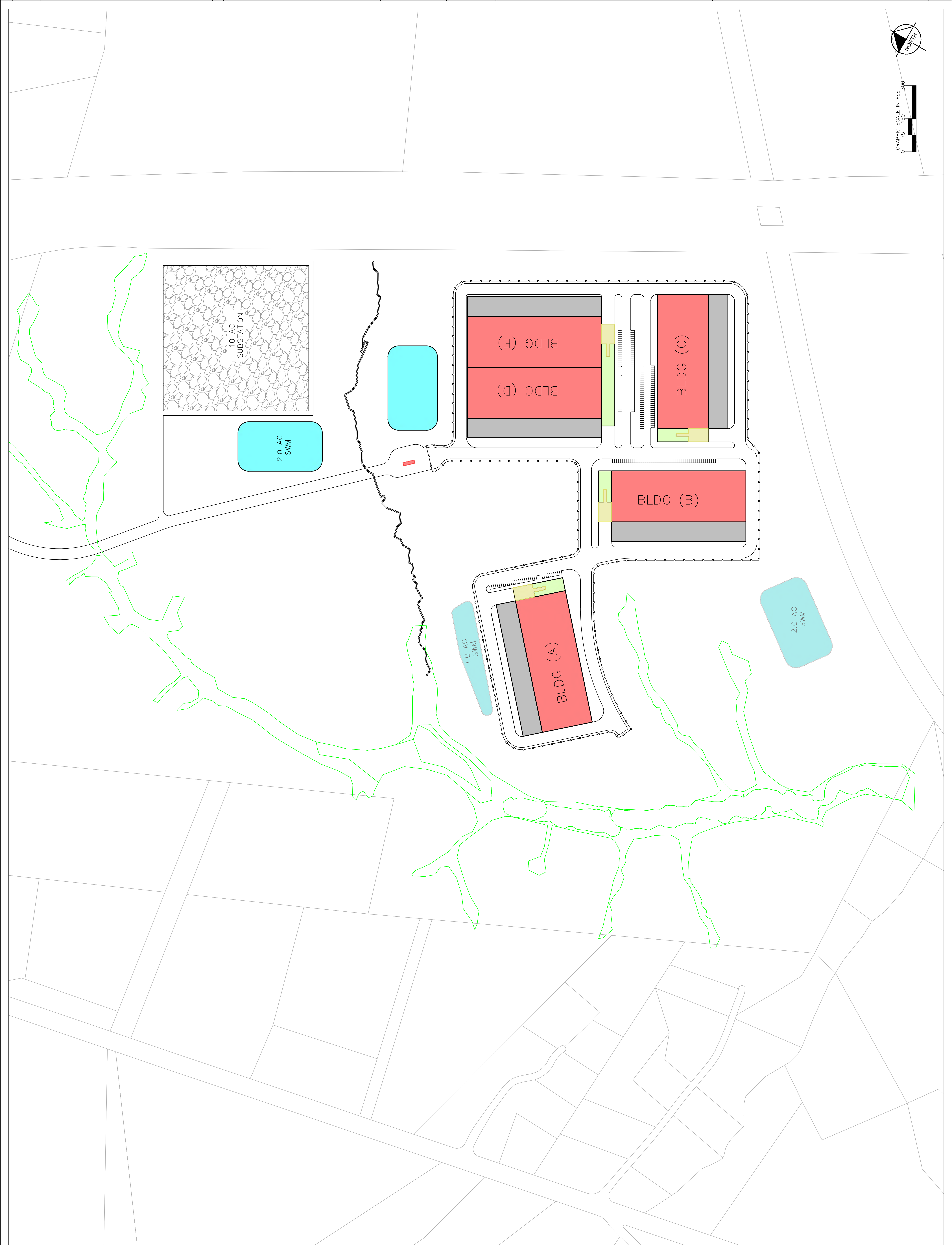
Most Recent Submission:	<u>9 /25/ 2023</u>	Second Most Recent Submission:	<u>05/12/ 23</u>
Expected Date Customer’s Construction to Commence:	<u>10 /1/ 2025</u>		
Expected Completion Date of Customer Work:	<u>12 /31/ 2030</u>		
Date Requested for Dominion Construction to Commence:	<u>6 /1/ 2026</u>		
Requested Completion Date of Dominion Work (De-energized):	<u>12 /31/ 2026</u>		
Requested Date to Energize: (See Note)	<u>12 /31/ 2026</u>		
Other Milestones:	<u></u>		

NOTE: If the “Requested Date to Energize” is marked as (E), then the firm date ultimately supplied must be on or after the estimated date, unless an earlier firm date is mutually agreed-upon prior to submission of the revised request form.

(E) = Estimated

N/A = Not Available

TBD = To Be Determined





Company/Project Name: ADP Carmel Church Data Hub LLC
Submitted by: Kevin Murphy
Submission Date: 9/22/2023

All load numbers in MW, based on peak demand

Building Number	Initial ISD	Month-Year	Building Use	2025				2026				2027				2028				2029				2030				Total Building Load
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
N/A			Initial Construction																									0.6
1		Q4 2026	Data Center				0.6																					62
2		Q4 2027	Data Center																									62
3		Q1 2029	Data Center																									62
4		Q1 2030	Data Center																									62
5		Q1 2030	Data Center																									50
QUARTERLY NEW TOTAL LOAD:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVERAGE ANNUAL LOAD FACTOR																												0.95
CUMULATIVE LOAD:																												298.6

*Initial Construction Power is not anticipated to come from the substation but from local service and is estimated at 600kW

**REQUEST/NOTIFICATION FOR
CHANGES IMPACTING DOMINION FACILITIES**

SECTION I – GENERAL

Date: 11 / 21/ 2023

Revision No.: 0

Requestor Name: Old Dominion Electric Cooperative

Requestor Address: 4201 Dominion Blvd, Suite 300
Glen Allen, Virginia 23060

Name of Contact Person: Dan Watkins Coop Member Contact Person: Craig Timson REC 540-891-5834

Contact's Phone: 804-968-4096 ext. Contact's Cell: 804-314-6047

Contact's Fax: - - Contact's Email: dwatkins@odec.com

Signature below authorizes Dominion to proceed with design, engineering, and estimation of Project cost as appropriate for Dominion to evaluate and respond to this request. This authorization is pursuant and subject to all terms and conditions of the Agreement of which this Appendix is a part.

Authorizing Signature: *Kevin C. Miller* Auth. Date: 11 /21/ 2023

Printed Name: Kevin Miller Phone: 804-968-4040

Title: Vice President of Engineering

SECTION II – DESCRIPTION OF REQUEST

Name of Delivery Point: Ruther Glen

Brief Description of Request:
(attach detail) This delivery point request is a follow up to the request for Dominion to complete an "engineering only" study DP request for the Clean Arc Ladysmith delivery point. Dominion determined this project was feasible and this delivery point request is for Dominion to proceed with procurement and construction of this delivery point. The load for this delivery point request remains at 548 MWs, which will require two substations from Dominion when the load ramp crosses 300 MWs which is estimated to be in 2028.

Brief Reasoning for Request:
(attach detail) REC has received a request for a new data center load in Caroline County

Delivery Point Location:
(attach detail if DP is new) 38.01647, -77.48409. This site is located under the REC St. Johns DP - Ladysmith 115 kV line. This line will not be feasible to serve this size of a load, and will require transmission reinforcements from the Dominion 230 kV line #2090 at St. John's Church. See attached for site plan test fit.

Noteworthy Load Characteristics:
(large motors, large fluctuating loads, large harmonic-producing) Data Center. Load ramp and characteristics are attached to this submittal.

PRESENT DELIVERY POINT DATA:

Present Delivery Point Voltage: N/A
Present Maximum kVA Capacity of Delivery Point Facilities: _____
Present Summer Peak kW Demand: _____ Present Summer Peak kVAR Demand: _____
Present Winter Peak kW Demand: _____ Present Winter Peak kVAR Demand: _____

ANTICIPATED NEW DELIVERY POINT FACILITIES DATA:

New Delivery Point Voltage: TBD
New Peak kVA Capacity of Delivery Point Facilities: 470,000

Peak kW and rkVA During First Three Years Following Implementation and Highest Peak Within Ten Years:

	Initial Year:	Second Year:	Third Year:	Highest in First Ten Years:
Enter Year →	2026	2027	2028	2031
Summer Peak kW:	<u>170,000</u>	<u>170,000</u>	<u>338,000</u>	<u>548,000</u>
Summer Peak rkVA:	_____	_____	_____	_____
Winter Peak kW:	_____	_____	_____	_____
Winter Peak rkVA:	_____	_____	_____	_____
Delivery Point Facilities Route: (attach detail if new line extension is involved)	_____			
Additional Comments:	_____			

SECTION III – CUSTOMER'S EQUIPMENT

Transformer Primary Voltage: _____ Transformer Secondary Voltage: _____
Transformer Nameplate Capacity: _____ Temperature Rise: _____
Transformer Taps: _____
Connection (e.g. Wye-Wye): _____
Transformer Impedance: _____
Isolation Device Type and Rating: _____
Protection Device Type and Rating: _____

Required Attachments: [1] One-line diagram [2] Transformer test report [3] Transformer loss curve
[4] Operating procedures description [5] Protection scheme functional diagram
[6] Protection Device information (including device types, serial and model numbers, relay
settings, etc.)

SECTION IV – TIMING

Request included in Customer's planning documents submitted to Dominion on:

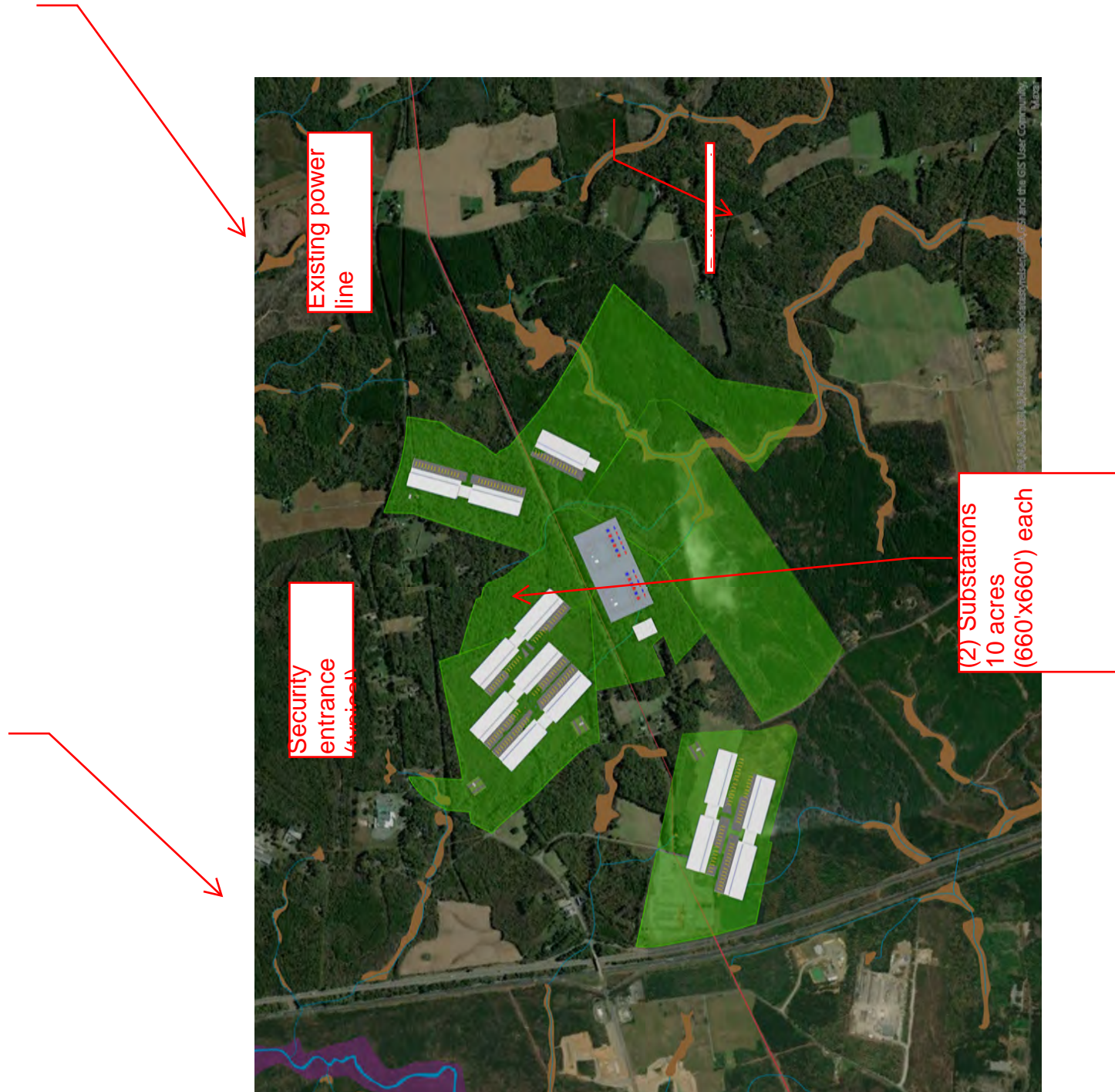
Most Recent Submission:	<u>11 /21/ 2023</u>	Second Most Recent Submission:	<u> / / 20</u>
Expected Date Customer's Construction to Commence:	<u>3 /15/ 2025</u>		
Expected Completion Date of Customer Work:	<u>3 /2/ 2026</u>		
Date Requested for Dominion Construction to Commence:	<u>6 /1/ 2025</u>		
Requested Completion Date of Dominion Work (De-energized):	<u>2 /15/ 2026</u>		
Requested Date to Energize: (See Note)	<u>3/ /2/ 2026</u>		
Other Milestones:	<u>Load ramp is attached.</u>		

NOTE: If the "Requested Date to Energize" is marked as (E), then the firm date ultimately supplied must be on or after the estimated date, unless an earlier firm date is mutually agreed-upon prior to submission of the revised request form.

(E) = Estimated

N/A = Not Available

Northern / Central Virginia						
Description	IT Power	Peak Utility Power	Aggregate Campus Peak Power	Testing Ready	Operation Ready	Days between bldg delivery
VA1 - Ladysmith						
Campus Auxilliary Power	N/A	2.0 MW	2.0 MW		Q1 2025	
VA1-1	67.2 MW	84.0 MW	86.0 MW	3/2/2026	6/22/2026	
VA1-2	67.2 MW	84.0 MW	170.0 MW	5/25/2026	9/14/2026	84
VA1-3	67.2 MW	84.0 MW	254.0 MW	3/6/2028	6/26/2028	651
VA1-4	67.2 MW	84.0 MW	338.0 MW	5/29/2028	9/18/2028	84
VA1-5	67.2 MW	84.0 MW	422.0 MW	3/11/2030	7/1/2030	651
VA1-6	67.2 MW	84.0 MW	506.0 MW	6/3/2030	9/23/2030	84
VA1-7	33.6 MW	42.0 MW	548.0 MW	7/7/2031	10/27/2031	399





Environmental Justice: Ongoing Commitment to Our Communities

At Dominion Energy, we are committed to providing reliable, affordable, clean energy in accordance with our values of safety, ethics, excellence, embrace change and team work. This includes listening to and learning all we can from the communities we are privileged to serve.

Our values also recognize that environmental justice considerations must be part of our everyday decisions, community outreach and evaluations as we move forward with projects to modernize the generation and delivery of energy.

To that end, communities should have a meaningful voice in our planning and development process, regardless of race, color, national origin, or income. Our neighbors should have early and continuing opportunities to work with us. We pledge to undertake collaborative efforts to work to resolve issues. We will advance purposeful inclusion to ensure a diversity of views in our public engagement processes.

Dominion Energy will be guided in meeting environmental justice expectations of fair treatment and sincere involvement by being inclusive, understanding, dedicated to finding solutions, and effectively communicating with our customers and our neighbors. We pledge to be a positive catalyst in our communities.

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CERTIFICATE OF SERVICE

I hereby certify that on this 11th day of April 2025, a true and accurate copy of the foregoing filed in Case No. PUR-2024-00221 was hand delivered, electronically mailed, and/or mailed first class postage pre-paid to the following:

William H. Chambliss, Esq.
William H. Harrison, IV, Esq.
Andrew F. Major, Esq.
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1300 E. Main Street, Tyler Bldg., 10th Fl.
Richmond, VA 23219

Matthew and Julia Yandura
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Ruther Glen, VA 22546

Cody T. Murphey, Esq.
John P. O'Malley, Esq.
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Williams Mullen
200 South 10th Street, Suite 1600
Richmond, VA 23219

Edward M. Gold, Jr.
18441 Boxley Rd.
Ruther Glen, VA 22546

Hunter W. Rothwell, Jr.
18445 Boxley Rd.
Ruther Glen, VA 22546

/s/ Jontille D. Ray