Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Lake Murray – Harbison 115 kV: Re-terminate Saluda Hydro – Harbison and rebuild SPDC

Project ID
0203C-D

Project Description
Re-terminate the Saluda Hydro – Harbison 115 kV line to Lake Murray substation in preparation for the SPDC rebuild of the Lake Murray – Harbison 115 kV which will add an additional line to create Saluda Hydro – Denny Terrace 115 kV line.

Project Need
System growth in the Irmo, Harbison, Piney Woods Road, and Kingswood areas requires additional 115 kV capacity and transmission path to increase reliability.

Project Status
In Progress

Planned In-Service Date
8/1/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$9,396,116	$90,000	$0	$0	$0	$0	$9,486,116

*Total Estimated Amount to be applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Bluffton – Santee 115 kV Tie Line Construct

Project ID
7101A

Project Description
Construct a new 115 kV tie line from DESC Bluffton substation to SCPSA Bluffton substation. Total line length approximately 1.5 miles.

Project Need
This line is needed to reduce outage durations for planned outages and emergency situations for DESC's Bluffton, Hardeeville and Pritchardville substations.

Project Status
In Progress

Planned In-Service Date
12/31/2022

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,471,155	$175,000	$0	$0	$0	$0	$2,646,155

*Total Estimated Amount to be applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Queensboro - Ft Johnson 115 kV & Queensboro-Bayfront 115kV (Queensboro-James Island Sect)

Project ID
6807 B

Project Description
Replace the Queensboro – Ft Johnson 115 kV Line as the line has reached the end of its usable life.

Project Need
This project is required due to address end of life issues with current line.

Project Status
In Progress

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,880,295	$1,000,000	$0	$0	$0	$0	$3,880,295

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Edenwood Sub: Replace Switch house

Project ID
7990 A

Project Description
Replace switch house and associated equipment at Edenwood Substation.

Project Need
Replace end of life components and allow for future expansion.

Project Status
In-Progress

Planned In-Service Date
7/31/2022

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$3,671,247	$200,000	$0	$0	$0	$0	$3,871,247

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Lake Murray - Gilbert 115 kV Line

Project ID
6807 C-E

Project Description
Rebuild the existing Lake Murray - Gilbert 115 kV Line, adding an additional circuit between Lexington Junction and Lexington Transmission and provisions for a future circuit to be pulled between Lexington Westside and Gilbert.

Project Need
This project is required to meet NERC TPL standards and DESC's Internal Planning Criteria and allow for future load growth and system expansion.

Project Status
In Progress

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,332,714	$2,300,000	$0	$0	$0	$0	$4,632,714

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Burton-Yemassee 115 kV #2 Line Rebuild as Double Circuit

Project ID
1268A-J

Project Description
Burton-Yemassee 115 kV Line #2: Rebuild 115 kV SPDC using B795 ACSR (line length 21.24 miles).

Project Need
System load growth in the Burton area requires additional transmission capacity from the Yemassee 230/115 kV substation and added transmission path to increase reliability.

Project Status
In Progress

Planned In-Service Date
12/31/2023

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$48,192,850	$2,085,000	$1,600,000	$0	$0	$0	$51,877,850

*Total Estimated Amount to be applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Ward- Stevens Creek 115 kV :Ward – Trenton Section Rebuild

Project ID
6807 H

Project Description
Rebuild the existing 115 kV line between Ward and Trenton Transmission as 1272 ACSR conductor.

Project Need
This project is required to meet NERC TPL standards and DESC's Internal Planning Criteria and allow for future load growth and system expansion.

Project Status
In Progress

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$5,563,694	$2,000,000	$0	$0	$0	$0	$7,563,694

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Union Pier 115-13.8 kV Sub: Tap

Project ID
0167C-D

Project Description
Installing a 115 kV Tap to feed the future Union Pier 115 kV Sub.

Project Need
This project is needed to for load growth in the Charleston area.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$0	$300,000	$4,200,000	$0	$4,500,000

*Total Estimated Amount applied to 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Okatie 230-115kV Substation, Jasper – Yemassee 230kV #1 Fold-in

Project ID
0139 M,N

Project Description
Construct the new Lakeside 230 kV substation near the Okatie 115 kV substation, add a 230/115 transformer and fold the Jasper – Yemassee 230 kV #1 line into Lakeside and construct a 115 kV line from Lakeside to Okatie 115 kV..

Project Need
This project is needed to improve system performance and to meet NERC TPL and internal DESC Planning Criteria for reliability.

Project Status
In Progress

Planned In-Service Date
12/31/2023

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$285,213	$3,560,000	$3,510,000	$0	$0	$0	$7,355,213

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Cainhoy - Hamlin 115kV: Rebuild Line and Cainhoy – Hamlin 115 kV #2: Construct New 115 kV Line

Project ID
6341 A-F

Project Description
Upgrade the 954 ACSR portion of the Cainhoy – Hamlin 115 kV line to B795 ACSR conductor, construct a new Cainhoy – Hamlin 115 kV #2 line, add terminals to Cainhoy and Hamlin sub to accommodate upgrades.

Project Need
This project is required due to load growth in the Mount Pleasant area and to meet NERC TPL and internal DESC Planning criteria.

Project Status
Planned

Planned In-Service Date
12/01/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$4,283	$900,000	$6,690,000	$14,210,000	$2,250,000	$0	$24,024,283

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Church Creek-Queensboro 115kV: Stono River Crossing

Project ID
6808 B

Project Description
Rebuild the existing Stono River crossing section of the Church Creek-Queensboro 115 kV line, replacing wooden H-frame structures with Self Supporting Steel SPDC Structures.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$5,981,480	$0	$7,840,000	$0	$0	$0	$13,821,480

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Queensboro – Johns Island 115 kV Tie: Rebuild River and Marsh Crossing

Project ID
6808 G

Project Description
Rebuild the existing Stono River crossing section of the Church Creek- Johns Island (SCPSA) 115 kV line, replacing wooden H-frame structures with Self Supporting Steel SPDC Structures.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,742,504	$6,800,000	$0	$0	$0	$0	$9,542,504

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Denny Terrace Sub: Replace Switch house

Project ID
7990 B

Project Description
Replace switch house and associated equipment at Denny Terrace Substation.

Project Need
Replace end of life components and allow for future expansion.

Project Status
In-Progress

Planned In-Service Date
6/1/2023

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$1,702,000	$2,100,000	$465,000	$0	$0	$0	$4,267,631

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Denny Terrace–Crafts Farrow & Denny Terrace–Dentsville Line #1 115kV Rebuild

Project ID
6808 I

Project Description
Replace wooden structures with Self Supporting Steel Structures.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
In Progress

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,905,886	$3,200,000	$0	$0	$0	$0	$6,105,886

*Total Estimated Amount applied to 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Eastover - Square D 115kV: Rebuild

Project ID
6808 J

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
In Progress

Planned In-Service Date
10/01/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,108,448	$2,000,000	$2,900,000	$0	$0	$0	$7,008,448

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Burton-St Helena 115kV: Rebuild Burton-Frogmore Transmission Section

Project ID
6808 K

Project Description
Replace wooden structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor for the Burton – Frogmore Transmission section.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
In Progress

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$3,472,743	$0	$5,400,000	$0	$0	$0	$8,872,743

*Total Estimated Amount applied to 2023

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Burton-St Helena 115kV: Frogmore Distribution - St Helena

Project ID
6808 L

Project Description
Replace wooden structures with Self Supporting Steel Structures and restring with 477 ACSR for the Frogmore Distribution Tap – St. Helena section.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
In Progress

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$350,000	$150,000	$8,625,000	$0	$0	$9,125,000

*Total Estimated Amount applied to 2024 Rate Base Calculations

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

VCS1-Denny Terrace 230kV & VCS1-Pineland 230kV: Rebuild Double Circuit Section and Single Circuit Sections

Project ID
6808 M,N,O

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and restring with standard 1272 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$11,601,170	$3,400,000	$8,000,000	$0	$0	$0	$23,001,170

*Total Estimated Amount applied to the 2023 Rate Base Calculations

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Wateree-Hopkins 230kV Line #1: Rebuild

Project ID
6808 P

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/26

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$0	$0	$5,200,000	$8,000,000	$13,200,000

*Total Estimated Amount applied to 2026 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Wateree-Hopkins 230kV Line #2: Rebuild

Project ID
6808 Q

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
In Progress

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$3,54,612	$950,000	$6,000,000	$0	$0	$0	$10,490,612

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Wateree-Killian 230kV: Rebuild

Project ID
6808 R

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures .

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/26

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$550,000	$350,000	$25,500,000	$24,500,000	$0	$50,900,000

*Total Estimated Amount applied to 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Okatie-Bluffton 115kV: Rebuild

Project ID
6808 S

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and upgrade conductor to standard 1272 ACSR.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$1,329	$100,000	$17,000,000	$25,000,000	$0	$0	$42,101,329

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Hopkins-CIP 230kV: Rebuild

Project ID
6808 U

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$300,000	$850,000	$1,50,000	$0	$0	$2,650,000

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Faber Place-Bayfront 115kV: Rebuild North Bridge Terrace to Bayfront Section

Project ID
6808 V

Project Description
Replace wooden structures with Self Supporting Steel Structures and upgrade conductor to standard 1272 ACSR.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$250,000	$4,000,000	$7,075,000	$0	$0	$11,325,000

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Square D - Hopkins 115kV: Rebuild

Project ID
6808 W

Project Description
Replace wooden H-Frame structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	0	$2,040,000	$2,664,000	$0	$0	$4,704,000

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

North-Wagener Jct 46kV: Rebuild North-LNG Tap Section

Project ID
6809 B

Project Description
Replace aging 1/0 Copper conductor with 477 ACSR conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$0	$1,300,000	$0	$0	$0	$0	$1,300,000

*Total Estimated Amount applied to the 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Blackville West-Wagener 46kV: Rebuild Wagener Jct-Springfield City Sect.

Project ID
6809 C

Project Description
Rebuilding the 46 kV line as part of System Hardening. Line will be rebuilt SPSC with 1272, 144f OPGW, and a 115 kV insulaton.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$134,646	$8,000,000	$0	$0	$0	$0	$8,134,646

*Total Estimated Amount applied to the 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Calhoun County-St Matthews 46kV: Rebuild

Project ID
6809 D

Project Description
Rebuild the Calhoun County - St. Matthews 46kV framed at 115kV. (Approx. 10 miles)

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/22

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$2,294,143	$2,750,000	$0	$0	$0	$0	$5,044,143

*Total Estimated Amount applied to the 2022 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Stevens Creek - Hooks 115kV/LR Plumb Branch 46kV Rebuilds

Project ID
6809 E

Project Description
9.5 miles. Scope includes rebuilding the 115 and 46 kV lines in this corridor SPDC.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$9,874	$100,000	$10,000,000	$0	$0	$0	$10,109,874

*Total Estimated Amount applied to the 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Orangeburg #1 - Cameron Jct 46kV Line Rebuild

Project ID
6809 F

Project Description
Replace 7.5 miles of aging poles and conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$0	$0	$150,000	$4,600,000	$0	$0	$4,750,000

*Total Estimated Amount applied to the 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Stevens Creek - Hooks 115kV/LR Plumb Branch 46kV

Project ID
6809 G

Project Description
Replace 6.5 miles of aging conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$0	$0	$0	$100,000	$2,000,000	$0	$2,100,000

*Total Estimated Amount applied to the 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Cameron – St Matthews 46kV: Rebuild

Project ID
6809 H

Project Description
Replace 8.5 miles of aging poles and conductor.

Project Need
This project is required to address end of life and reliability issues on these lines.

Project Status
Planned

Planned In-Service Date
12/31/26

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$0	$0	$0	$150,000	$4,750,000	$0	$4,900,000

*Total Estimated Amount applied to the 2026 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Edenwood Sub: #1 & #2 230-115kV Autobanks, Replace with 336MVA

Project ID
6805 G

Project Description
Replace Autobank 1 and 2 at Edenwood Substation.

Project Need
This project is required to address end of life and maintenance issues on these transformers.

Project Status
Planned

Planned In-Service Date
12/25/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$392	$60,000	$2,240,000	$8,700,00	$0	$0	$11,000,392

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Williams St Sub: Replace Sw House & Relays and McMeekin Sub: Add Sw House

Project ID
1060A,L

Project Description
Replace switch house, switch house equipment, and relay panels at Williams Street substation and add Switching House at McMeekin Substation to move relays from plant relay room.

Project Need
This project is required to address end of life and maintenance issues on these transformers.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,706	$350,000	$1,700,000	$1,950,000	$500,000	$0	$4,502,706

*Total Estimated Amount applied to 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Harleyville 115KV Transmission Tap – Construct (1.4 miles)

Project ID
06005 B

Project Description
Extend the 115 kV line from the Blue Circle tap to the Harleyville substation to provide 115 kV service.

Project Need
Load growth.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$250,000	$2,500,000	$0	$0	$2,750,000

*Total Estimated Amount applied to 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Summerville: Replace and Spare 230-115kV 336MVA Auto Bank

Project ID
05004 P

Project Description
Purchase a spare 230/115kV, 336MVA Autobank for the Southern Region to be stored at Summerville 230kV Sub. Include a pad, AC for heaters, and possibly a pit for oil containment.

Project Need
Spare equipment needs.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$784,000	$2,214,800	$0	$0	$0	$2,998,800

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Canadys-Ritter 115KV-Rebld SPDC 230/115KV 1272 (Approx 18 Miles)

Project ID
06076A

Project Description
Rebuild Canadys-Ritter 115 kV line as SPDC with 230 kV on one side and 115 kV on the other side.

Project Need
This project is needed to improve system performance and to meet NERC TPL and internal DESC Planning Criteria for reliability.

Project Status
Planned

Planned In-Service Date
6/1/2026

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$0	$500,000	$19,500,000	$20,000,000	$40,000,000

*Total Estimated Amount applied to 2026 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Yemassee– Ritter 230kV #1 & #2: Construct SPDC with B-1272

Project ID
06359 A

Project Description
Construct Ritter – Yemassee 230kV #1 and #2 SPDC with B1272 ACSR on both sides.

Project Need
This project is needed to improve system performance and to meet NERC TPL and internal DESC Planning Criteria for reliability.

Project Status
Planned

Planned In-Service Date
6/1/2026

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$100,000	$4,400,000	$15,000,000	$15,000,000	$34,500,000

*Total Estimated Amount applied to 2026 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Riverport Tap: Construct Tap

Project ID
06367 C

Project Description
Construct Okatie – Riverport 230 kV to feed new Distribution substation.

Project Need
Load growth.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$250,000	$10,000,000	$10,000,000	$0	$0	$20,250,000

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Jasper – Okatie 230 kV #2: Construct

Project ID
06367 E

Project Description
Construct a 230 kV line with 1272 ACSR from the Okatie 230/115kV Substation to the Riverport site. The line is estimated to be 8 miles long.

Project Need
This project is needed to improve system performance and to meet NERC TPL and internal DESC Planning Criteria for reliability.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$250,000	$5,000,000	$10,500,000	$0	$0	$15,750,000

*Total Estimated Amount applied to 2024 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Wagener 115kV Tap: Construct Tap

Project ID
06371 D

Project Description
Constructing a 115 kV Tap off the Edmund Switching Station- Owens Corning 115 kV Line to feed new Wagener Distribution substation.

Project Need
Load growth.

Project Status
Planned

Planned In-Service Date
12/31/25

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$0	$2,850,000	$3,000,000	$0	$5,850,000

*Total Estimated Amount applied to 2025 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Church Creek - Ritter 230kV - Replace 25 Large Angles and Dead Ends

Project ID
06372 A

Project Description
Replace 6.5 miles of aging conductor.

Project Need
Replacing approximately 25 guyed wooden structures due to recent failures in the fiberglass strain insulators along this line. Structures to be changed out are dead ends/large angles.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total
$35,311	$4,282,500	$0	$0	$0	$0	$4,317,631

*Total Estimated Amount applied to the 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

VCS2-Ward 230kV: Rebuild Line

Project ID
06810 F

Project Description
Rebuild 40 miles of 230 kV line.

Project Need
This project is required to address end of life and maintenance issues.

Project Status
Planned

Planned In-Service Date
12/31/26

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$0	$500,000	$500,000	$10,000,000	$20,000,000	$31,000,000

*Total Estimated Amount applied to 2026 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Goose Creek Reservoir: Rebuild Transmission Line Crossings

Project ID
06810 G

Project Description
Rebuilding the Williams Goose Creek 230 and 115 kV lines and the Williams - Faber Place 230 kV line across the Goose Creek Reservoir.

Project Need
This project is required to address end of life and maintenance issues.

Project Status
Planned

Planned In-Service Date
12/31/23

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$0	$100,000	$8,400,000	$0	$0	$0	$8,500,000

*Total Estimated Amount applied to 2023 Rate Base Calculation

Dominion Energy South Carolina
Planned Transmission Projects $2M and above Total
5 Year Budget

Summerville 115kV Loop: Rebuild

Project ID
06810 H

Project Description
Replacing several wood pole sections on the Summerville 115 kV Loop that have reached the end of life.

Project Need
This project is required to address end of life and maintenance issues.

Project Status
Planned

Planned In-Service Date
12/31/24

Estimated Project Cost

Previous	2022	2023	2024	2025	2026	Total*
$2,602	$2,250,000	$4,800,000	$4,720,000	$0	$0	$11,722,602

*Total Estimated Amount applied to 2024 Rate Base Calculation