

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**

In Progress

**Planned In-Service Date**

04/31/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$13,675,885	\$2,100,000	\$0	\$0	\$0	\$0	\$15,775,885

Dominion Energy South Carolina  
Planned Transmission Projects \$2M and above Total  
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**Columbia Canal 115 kV: Rebuild**

**Project ID**

02726 K

**Project Description**

This is the DESC funded portion of the Columbia Canal project and encompasses replacing the poles on the Columbia side of the canal.

**Project Need**

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

**Project Status**

In Progress

**Planned In-Service Date**

05/31/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$150,364	\$1,000,000	\$0	\$0	\$0	\$0	\$1,150,364

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

**Scout 230 kV Sub and Fold-in: Construct**

**Project ID**

6853 B-F

**Project Description**

Construct 230kV Transmission Line for Scout Customer Substation and modify VCS1 and Killian terminals.

**Project Need**

Load growth.

**Project Status**

In Progress

**Planned In-Service Date**

5/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$17,360,044	\$2,057,956	\$2,590,000	\$0	\$0	\$0	\$19,418,000

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

**Eastover – Sumter 115kV DEP Tie: Rebuild with 1272 ACSR**

**Project ID**

6846 A

**Project Description**

Upgrade the DESC section (approx. 1 mile) of the tie line from 397.5 ACSR Ibis to 1272 ACSR.

**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**

5/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$88,443	\$1,150,000	\$850,000	\$0	\$0	\$0	\$1,238,443

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

**Batesburg - Saluda County 115kV: Rebuild**

**Project ID**

6809 N

**Project Description**

Rebuild 13.5 miles of conductor.

**Project Need**

Grid hardening.

**Project Status**

In Progress

**Planned In-Service Date**

06/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$12,223,765	\$817,000	\$0	\$0	\$0	\$0	\$13,040,765

Dominion Energy South Carolina  
Planned Transmission Projects \$2M and above Total  
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**Summerville-Boone Hill 115kV: Move Line for US78 SCDOT Road Widening**

**Project ID**  
06874 B

**Project Description**

Move Summerville – Boone Hill 115kV Transmission Line for SCDOT Road widening. Approximately 1.2 miles of Transmission line (23 Transmission Poles).

**Project Need**

This project is required to address SCDOT Road Widening.

**Project Status**

In Progress

**Planned In-Service Date**

07/31/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$8,475,000	\$4,000,000	\$0	\$0	\$0	\$0	\$12,475,000

Dominion Energy South Carolina  
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**Urquhart – Toolebeck 115kV line: Rebuild**

**Project ID**  
6852

**Project Description**

Upgrade the 477 ACSR portions of the Urquhart – Toolebeck 115 kV line to 1272 ACSR. Replace existing structures with Single Pole Double Circuit Structures. Approximately 12.5 miles.

**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**

8/12/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$8,245,538	\$7,703,082	\$0	\$0	\$0	\$0	\$15,948,620

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

**Dawson 230kV Sub and Fold-in: Construct and Rebuild**

**Project ID**  
6859

**Project Description**

Construct Dawson 230kV substation. Fold in the existing Canadys – Church Creek and Canadys – Faber Place 230kV lines at the Dawson 230kV substation (phase 1). Rebuild Canadys – Dawson 230kV #1 and #2 with B1272 ACSR (phase 2).

**Project Need**  
Load growth.

**Project Status**  
In Progress

**Planned In-Service Date**  
10/1/2025 (phase 1) and 10/1/2026 (phase 2)

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$12,978,366	\$40,860,000	\$39,764,841	\$0	\$0	\$0	\$93,603,207

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**

In Progress

**Planned In-Service Date**

12/02/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$15,658,628	\$25,200,000	\$0	\$0	\$0	\$0	\$40,858,628

Dominion Energy South Carolina  
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5 Year Budget

**Coit – Gills Creek 115kV: Construct**

**Project ID**

5392 A-C

**Project Description**

Convert the existing Coit - Gills Creek 33 kV Line to 115 kV. Approximately 1.25 miles. Construct Gills Creek Terminal at Coit Bus #1.

**Project Need**

Load growth.

**Project Status**

In Progress

**Planned In-Service Date**

12/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$5,323,202	\$450,000	\$0	\$0	\$0	\$0	\$5,773,202

Dominion Energy South Carolina  
Planned Transmission Projects \$2M and above Total  
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**Okatie 230-115kV Substation, Jasper – Yemassee 230kV #1 Fold-in**

**Project ID**

0139 M,N

**Project Description**

Expand existing Okatie Transmission sub, add a 230-115 autobank and fold the Jasper – Yemassee 230 kV #1 line into the 230 kV side. Construct two additional 115 kV bus tie lines.

**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**

12/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$7,204,010	\$3,401,335	\$1,024,912	\$0	\$0	\$0	\$11,630,257

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

**Jasper – Okatie 230 kV #2: Construct**

**Project ID**  
06367 D - G

**Project Description**

Construct a 230 kV line with B1272 ACSR from Jasper to Okatie 230/115kV Substation. The line is estimated to be 6.5 miles long. This makes Jasper a Medium Impact substation and will require a new CIP Hut.

**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**

12/01/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$14,303,648	\$4,976,826	\$0	\$0	\$0	\$0	\$19,280,474

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

**Riverport 115kV Tap: Construct Tap**

**Project ID**

6367 D

**Project Description**

Constructing a 230 kV Tap from Okatie to Riverport

**Project Need**

Reliability/Contingency Transmission Line Design

**Project Status**

In Progress

**Planned In-Service Date**

12/01/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$14,773,047	\$26,616,000	\$0	\$0	\$0	\$0	\$41,389,047

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

**Flat Rock 115kV Sub and Tap: Construct**

**Project ID**

6381

**Project Description**

Constructing a 115 kV tap off the Belv Sw Sta - Graniteville 115 kV #1 line to feed the new Sub. Will include a 3-Way GOAB.

**Project Need**

Growth Load Transmission Line Design

**Project Status**

In Progress

**Planned In-Service Date**

12/31/26

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$1,743,210	\$2,206,790	\$0	\$0	\$0	\$0	\$3,950,000

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

**Saluda Hydro – Bush River 115kV #1 and #2 Tie Lines Rebuild**

**Project ID**

6870 A

**Project Description**

Rebuild the existing Saluda Hydro – Bush River #1 and #2 Tie Lines to SPDC 1272.

**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**

12/31/2026

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$2,865,825	\$15,039,175	\$2,225,000	\$0	\$0	\$0	\$20,400,000

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

**Church Creek – Faber Place – Charleston Transmission: Add 230kV Line**

**Project ID**

6847

**Project Description**

Construct a 230 kV transmission line from Church Creek to Charleston Transmission. The Church Creek – Faber Place 230kV and 115kV lines will be rebuilt, and a 230kV line will be added between Faber Place and Charleston Transmission. Add 230/115kV transformer at Charleston Transmission. Add/upgrade terminals and bus work at impacted substations.

**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**

5/1/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$9,586,174	\$9,867,000	\$3,335,000	\$5,617,468	\$0	\$0	\$22,788,174

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**  
6359

**Project Description**

Construct Ritter – Yemassee 230kV #1 and #2 SPDC with B1272 ACSR on both sides. Convert the existing Ritter – Yemassee 230 kV to 115 kV operation. Convert and add terminals at Ritter and Yemassee. Add 230 kV bus tie at Ritter and upgrade the Yemassee 230 kV bus tie.

**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**

6/1/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$28,424,742	\$8,487,000	\$2,155,000	\$0	\$0	\$0	\$39,066,742

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

**Fairfax-Yemassee 115kV: Upgrade for DESC SQ #1151 Interconnection**

**Project ID**

6238 H

**Project Description**

Upgrade 336 ACSR portion of DESC SQ #1151 - Yemassee 115 kV line to 1272 ACSR.

**Project Need**

This project is needed to interconnect DESC SQ #1151 in accordance with the DESC Transitional Cluster System Impact Study.

**Project Status**

Planned

**Planned In-Service Date**

9/7/2027

**Estimated Project Cost**

Estimated cost of \$20,350,000 is to be financed by the interconnection customer. DESC will reimburse the full cost of the assigned upgrade to the interconnection customer after commercial operation of DESC SQ #1151.

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

**St George - Sumter 230kV Tie: Rebuild Line from Santee Substation -  
Duke/Progress Energy Tie**

**Project ID**

6809 M

**Project Description**

Rebuild Line from Santee Substation - Duke/Progress Energy Tie.

**Project Need**

Grid hardening.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$219,331	\$50,000	\$4,300,000	0	\$0	\$0	\$4,569,331

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

**Hooks - Modoc 115/46 kV Rebuild**

**Project ID**

6809 G

**Project Description**

Upgrade 6.5 miles of aging conductor with 1272 ACSR and rebuild with 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**

12/31/27

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$234,285	\$100,000	\$10,200,000	\$0	\$0	\$0	\$10,534,285

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

**Burton-St Helena 115kV: Rebuild Frogmore Distribution – St. Helena Section**

**Project ID**

6808 L

**Project Description**

Replace wooden structures with Self Supporting Steel Structures and restring with 1272 ACSR conductor for the Frogmore Transmission – 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**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$3,259,932	\$3,800,000	\$11,070,000	\$0	\$0	\$0	\$18,129,932

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**

12/31/27

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$15,000	\$175,000	\$7,350,000	\$0	\$0	\$0	\$7,540,000

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

**Cameron Jct – Ellore 46 kV Rebuild**

**Project ID**

6810 U

**Project Description**

Rebuilding the Cameron Jct – Ellore 46 kV Line. 7.3 miles.

**Project Need**

System hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$125,000	\$100,000	\$7,850,000	\$0	\$0	\$0	\$8,075,000

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

**Atomic Road 115/12kV Sub: Construct**

**Project ID**

7956B

**Project Description**

New 115-12kV Sub Construction. Transformer will be 28 MVA. Will construct 4 bays with 3 breakers put in service.

**Project Need**

Growth Customer Commitment Substation Design

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$90,000	\$0	\$3,556,027	\$0	\$0	\$3,646,027

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

**Elloree – Santee City 46 kV: Rebuild**

**Project ID**

6810 J

**Project Description**

Rebuilding the 46 kV line between Elloree and Santee City. 8.35 miles.

**Project Need**

System hardening

**Project Status**

In Progress

**Planned In-Service Date**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$94,609	\$100,000	\$10,000,000	\$0	\$0	\$0	\$10,294,609

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

**Urquhart – Aiken PSA 46 kV: Rebuild**

**Project ID**

6810 O

**Project Description**

Rebuilding the section of 46 kV line from Urquhart to the Aiken PSA tap point. TBD if the scope of this project includes rebuilding the actual tap Aiken PSA. 4.5 miles.

**Project Need**

System hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$100,000	\$2,900,000	\$0	\$0	\$3,000,000

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**

Rebuilding the Wateree - Hopkins 230 kV Line #1. Line will be rebuilt SPSC with 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**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$800,000	\$100,000	\$21,500,000	\$0	\$0	\$0	\$22,400,000

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

**Adams Run – Red House Road 46 kV: Replace Dawhoo River Crossing and other Structures**

**Project ID**

6809 I2

**Project Description**

Set the 2 River Crossing structures on the Dawhoo River and replace the other structures in the marsh with Distribution Underbuild. In addition, replace other structures identified on the 46kV line.

Str 2,6,9,12,18,25,38-40,47,48,81-83,95-110 (Dawhoo Marsh),125,130-134,167,168,184,203,206,218-220,228,230,238,260-262,265,271-273,277,278,299,302. (58 Structures)

**Project Need**

System hardening.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$277,791	\$325,000	\$10,397,209	\$0	\$0	\$0	\$11,000,000

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

**Lyles – Kilbourne Park 115kV: Replace Structure 67 – Kilbourne Park**

**Project ID**

6809 S

**Project Description**

Rebuild the section of 115kV line between Kilbourne Park and str# 67 on the Lyles - Kilbourne Park 115kV Line. Pull 1272 ACSR from Richland Mall GOAB to Kilbourne Park Sub. Most of this section of line is back lot construction (difficult access) along with distribution underbuilt throughout.

2.85 Miles

**Project Need**

System hardening.

**Project Status**

Planned

**Planned In-Service Date**

12/01/2027

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$150,000	\$100,000	\$4,520,000	\$0	\$0	\$0	\$4,770,000

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

**Winnsboro West 230-115 kV Sub and Fold-in: Construct**

**Project ID**

6873

**Project Description**

Construct new 230-115 kV substation and fold in the Parr – Winnsboro 115 kV #1 and VCS1 – Killian 230 kV lines into the new substation.

**Project Need**

This project is needed to uprate the Parr Gas Turbines GT1 and GT2 in accordance with the DESC Transitional Cluster System Impact Study.

**Project Status**

In Progress

**Planned In-Service Date**

1/31/2028

**Estimated Project Cost**

Estimated cost of \$23,272,000 is to be financed by the interconnection customer. DESC will reimburse the full cost of the assigned upgrade to the interconnection customer after commercial operation of the uprated Parr Gas Turbines GT1 and GT2.

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

**Williams-Summerville 230kV: Upgrade to SPDC B1272 ACSR**

**Project ID**

6388 A

**Project Description**

Rebuild the section of the Williams - Summerville 230 kV line from Ladson Jct to Williams. Line to upgraded to B-1272 and designed for a future second circuit. Approximately 10 miles.

**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**

05/01/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$10,000	\$175,000	\$22,734,648	\$8,000,000	\$0	\$0	\$31,100,000

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

## Church Creek - Ritter 230kV - Replace 38 Large Angles and Dead Ends

**Project ID**

06372 A

**Project Description**

Replacing approximately 38 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. We will also be adding a few in-line dead ends where there are tangents runs of greater than 15,000'. Replacement structures will be designed for B-1272 ACSR and be offset such that a future circuit could be added along this alignment.

Estimated STRs to Replace:

38 structures total. 28 concrete foundations and 10 vibratory caisson foundations.

**Project Need**

System Hardening

**Project Status**

In Progress

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$4,412,330	\$12,000	\$0	\$7,000,000	\$0	\$0	\$11,424,330

Dominion Energy South Carolina  
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**Jackson 115kV: Construct 115 – 12kV Distribution Substation**

**Project ID**

6854 C

**Project Description**

Construct 115 – 12kV distribution substation to replace Jackson 46kV Substation.

Jackson 46kV has reverse power modifications for Aiken Schools #3936. Verify that Jackson 115-12kV will inherit this reverse power requirement.

**Project Need**

Growth Load Substation Design

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$3,760	\$0	\$3,000,000	\$0	\$0	\$0	\$3,003,760

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**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$250,000	\$1,500,000	\$1,000,000	\$0	\$0	\$2,750,000

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**

Rebuilding the 7.5 mile Orangeburg #1 – Cameron Jct. 46 kV Line. The line will be rebuilt on existing R/W using steel poles, 115 kV insulation, and 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**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$25,000	\$0	\$125,000	\$7,550,000	\$0	\$0	\$7,912,400

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

**VCS1-Denny Terrace 230kV & VCS1-Pineland 230kV: Rebuild Single  
Circuit Sections**

**Project ID**

6808 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**

In Progress

**Planned In-Service Date**

12/31/28

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$463,118	\$0	\$100,000	\$12,722,000	\$0	\$0	\$13,285,118

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

**Coast Guard 115kV Substation and Tap: Construct**

**Project ID**

6842 C,D

**Project Description**

Construct a 115-23.9kV substation at the Coast Guard substation site with 37.3MVA transformer and 4 feeder bays. There is room in the substation for a future transformer. Construct a 115kV transmission line between Clemson Wind Turbine & Coast Guard Sub. The Coast Guard Substation will be served radially from this new line.

**Project Need**

Growth Load Transmission Line Design

**Project Status**

Planned

**Planned In-Service Date**

12/31/27

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$30,000	\$4,680,000	\$850,000	\$0	\$0	\$5,560,000

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

**Millrace 115 kV Tap: Construct**

**Project ID**

6864 D, E

**Project Description**

Construct Millrace 115kV tap from the existing Dunbar Road – Lyles 115kV line. Due to added load on the Dunbar Road – Lyles 115kV line, rebuild with 1272 ACSR.

**Project Need**

Load Growth.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$75,000	\$0	\$50,000	\$3,075,000	\$0	\$0	\$3,200,000

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

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

**Project ID**

1060A, I, L

**Project Description**

Replace switch house, switch house equipment, and relay panels at Williams Street substation. Replace the switch house at AM Williams substation. 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**

In Progress

**Planned In-Service Date**

12/31/28

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$2,098,924	\$650,000	\$1,700,000	\$4,134,000	\$2,600,000	\$0	\$11,182,924

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

**Cameron Jct – Cameron – St Matthews 46 kV Rebuild**

**Project ID**

6810 T

**Project Description**

Rebuilding the 46 kV line between Cameron Jct and St Matthews. 9.8 miles.

**Project Need**

System hardening.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$175,000	\$100,000	\$11,425,000	\$0	\$0	\$11,700,000

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

**Okatie – McIntosh 115kV Tie: Add Series Reactor**

**Project ID**  
6888

**Project Description**  
Construct Deerfield Switching Station and Install a 9% series reactor on the Okatie – McIntosh 115kV Tie Line.

**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**  
12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$50,000	\$5,326,418	\$0	\$0	\$5,376,418

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

**CAE Industrial Park - Springdale Sub 115kV: Replace Laminated Wood Poles.**

**Project ID**

6809 R

**Project Description**

There are 28 laminated wood poles on the CAE Industrial Park - Springdale Sub 115kV line, and 5 have been identified as "rotten" by OSMOSE inspections. Replace all 28 laminated wood poles.

**Project Need**

System Hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$125,000	\$1,700,000	\$2,725,000	\$0	\$0	\$4,450,000

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

**St. George- Holly Hill 115kV: Rebuild Structures 83-108**

**Project ID**

6809 O

**Project Description**

Rebuild Structures 83-108 on existing St. George – Holly Hill 115 kV transmission line. Total length, 3.4 miles. Replace flat switches at Don's Car Crushing with new flat switches.

Distribution wants to be underbuilt when we rebuild.

**Project Need**

System Hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/2028

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$25,000	\$175,000	\$125,000	\$7,800,000	\$0	\$0	\$8,125,000

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

**Canadys-Ritter 115KV: Rebuild SPDC 230/115KV 1272 (Approx 18 Miles)**

**Project ID**

06076 A

**Project Description**

Rebuild Canadys-Ritter 115 kV line as SPDC with 1272 ACSR. Project includes the rebuild of the Canadys - Ritter 115kV only. No 230kV work associated with this project.  
17.5 miles

**Project Need**

Growth Customer Commitment Transmission Line Design

**Project Status**

In Progress

**Planned In-Service Date**

6/1/2029

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$1,038,795	\$500,000	\$0	\$11,875,000	\$14,708,000	\$0	\$38,121,795

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

**Wateree-Killian 230kV: Rebuild**

**Project ID**

6808 R

**Project Description**

Rebuilding the Wateree - Killian 230 kV Line. Line will be rebuilt SPSC with 1272 ACSR

Length - 35 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**

12/31/29

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$174,719	\$150,000	\$200,000	\$21,665,000	\$22,328,000	\$0	\$44,517,719

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

**Church Creek – Dawson 230 kV: Rebuild from Long Savannah to Dawson**

**Project ID**

6877 A

**Project Description**

Rebuild Dawson – Long Savannah 230kV Line SPSC B1272 (Designed SPDC B1272). Approximately 13.6 miles. 6869C includes rebuild from Long Savannah – Church Creek 230kV (3.0 miles). For 8 miles (Dawson – Mateeba), include the rebuild of Dawson – Faber Place SPSC B1272 (Designed SPDC B1272)

**Project Need**

Growth Load Transmission Line Design

**Project Status**

Planned

**Planned In-Service Date**

12/31/2029

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$150,000	0	\$175,000	\$18,550,000	\$23,500,000	\$0	\$42,375,000

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

**Long Savannah 115 kV Tap: Construct**

**Project ID**

6869 D

**Project Description**

Rebuild Church Creek - Dawson 230kV line from Long Savannah to Church Creek. Include Long Savannah 115kV Tap SPDC with Church Creek - Dawson 230kV from Long Savannah to tap point with Church Creek - Ravenel (BEC) 115kV Line and SPSC from Tap Point to Church Creek. Long Savannah will be fed from Church Creek – Ravenel (BEC) 115 kV.

**Project Need**

Load Growth.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2029

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$0	\$100,000	\$5,000,000	\$0	\$5,100,000

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

**Modoc – McCormick 115/46 kV Rebuild**

**Project ID**

6809 M

**Project Description**

Rebuilding the section of 115/46kV line between Modoc and McCormick. Lines will be SPDC with 115 kV insulation on both sides.

**Project Need**

System Hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/29

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$275,000	\$125,000	\$7,600,000	\$11,800,000	\$0	\$19,800,000

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

**Stevens Creek - Graniteville 115 kV: Rebuild**

**Project ID**

6809 T

**Project Description**

Rebuilding the 15 mile section of 115 kv line between Stevens Creek and Graniteville. This line was built in the early 1960s, has small wire, and is in rough shape, as noted by the extensive damage during the hurricane.

**Project Need**

System Hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/29

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$100,000	\$200,000	\$9,300,000	\$8,600,000	\$0	\$18,200,000

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

**Calhoun County - North 46 kV Rebuild**

**Project ID**

6810 N

**Project Description**

System Hardening project – Rebuilding the 46 kV line between North and Calhoun County. 9.5 miles

**Project Need**

System Hardening

**Project Status**

Planned

**Planned In-Service Date**

12/31/2029

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$100,000	\$200,000	\$9,900,000	\$0	\$10,200,000

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

**Union Pier 115-13.8 kV Sub: Tap**

**Project ID**

0167 C-D

**Project Description**

Installing a 115 kV Tap (or possibly dedicated feed from Charlotte St) to feed the 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**

12/31/30

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$0	\$350,000	\$6,350,000	\$15,700,000	\$22,400,000

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**

Rebuild Faber Place - Bayfront 115kV from N. Bridge Terrace Sub - Bayfront Sub. Line will be rebuilt SPSC with 1272 ACSR. String 1272 ACSR from Across the Ashley River - N. Bridge Terrace. String 1272 ACSR from Bayfront - Camp Rd. Scope modified to include Camp Rd. - James Island section as well.

**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**

12/31/30

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$1,314,478	\$600,000	\$0	\$200,000	\$11,450,000	\$5,400,000	\$18,964,478

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

**Clements Ferry Rd Sub: 115kV Tap from Cainhoy**

**Project ID**

0147 A-I

**Project Description**

Construct a 115 kV tap from Cainhoy to Clements Ferry. Approximately 2.8 miles. Construct terminal at Cainhoy.

**Project Need**

Load growth.

**Project Status**

Planned

**Planned In-Service Date**

12/31/2031

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
\$0	\$0	\$0	\$00	\$250,000	\$9,500,000	\$9,750,000

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**

12/31/32

**Estimated Project Cost**

Previous	2026	2027	2028	2029	2030	Total
25,000	\$0	\$0	\$0	\$850,000	\$18,000,000	\$18,875,000