In-Service Year:	2023
Project Name:	**VIENNA - RICH FOUNTAIN - CHAMOIS 161 KV**
Description:	Rebuild Vienna - Rich Fountain - Chamois 161 kV to 795 ACSR at 100C
Supporting Statement:	Vienna - Rich Fountain - Chamois 161 kV can overload under contingency

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In-Service Year:	2025
Project Name:	**STROUD - GYPSY - BRISTOW 138 KV CONVERSION**
Description:	Convert the Stroud - Gypsy- Bristow conversion to 138 kV 1192 ACSR at 100C
Supporting Statement:	Stroud - Gypsy - Bristow transmission line can overload under contingency

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In-Service Year:	2024
Project Name:	**GREAT FALLS SW STA - WATEREE TIE 100KV TRANSMISSION LINE**
Description:	6-wire the Great Falls Sw Sta - Wateree Tie 100kV Transmission Line
Supporting Statement:	The Great Falls Sw Sta - Wateree Tie 100kV double circuit transmission line can overload under contingencies

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In-Service Year:	2024
Project Name:	**WILKES TIE 230 KV SUBSTATION**
Description:	Install a new 230/100 kV, 448 MVA transformer at Wilkes Tie.
Supporting Statement:	Thermal overloads occur near North Wilkesboro Tie and additional voltage support is needed in the area under contingency.

In-Service Year:	2025
Project Name:	**ALLEN STEAM STATION TRANSFORMER REPLACEMENT AND SOUTH POINT SWITCHING**
Description:	To facilitate the generation retirement at Allen Steam Station, both 230/100 kV transformers need to be replaced with larger 448MVA units. Due to age and need for physically larger equipment to facilitate the larger transformers, the 100 kV at Allen Steam Station is being rebuilt at a new switching station called South Point Switching Station
Supporting Statement:	Allen Steam Station transformers overload under contingency

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In-Service Year:	2025
Project Name:	**HODGES TIE - CORONACA TIE 100 KV TRANSMISSION LINE**
Description:	Rebuild approximately 9.2 miles of the Hodges Tie - Coronaca Tie 100 kV transmission line with 795 ACSS/TW at 200°C
Supporting Statement:	The Hodes Tie - Coronaca Tie 100 kV transmission line can overload under contingencies

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In-Service Year:	2025
Project Name:	**MOCKSVILLE MAIN - MITCHEL RIVER TIE 100 KV TRANSMISSION LINE**
Description:	Rebuild 10 miles of the Mocksville Main - Mitchel River 100 kV double circuit transmission line with 1295 ACSR rated at 120 °C
Supporting Statement:	Mocksville Switching Station - Mitchel River Tie 100 kV Double Circuit transmission line can overload under contingency

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In-Service Year:	2025
Project Name:	**MOCKSVILLE MAIN - WINSTON SWITCHING STATION 100 KV TRANSMISSION LINE**
Description:	Rebuild 10 miles (Winston Switching Station to Idols Tap) of the Mocksville Main - Winston Switching Station 100 kV double circuit transmission line with 1295 ACSR rated at 120 °C
Supporting Statement:	Mocksville Switching Station -Winston Switching Station 100 kV Double Circuit transmission line can overload under contingency

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In-Service Year:	2025
Project Name:	**N GREENVILLE TIE - TRANSFORMER REPLACEMENT**
Description:	REPLACE EXISTING BANK 1 WITH NEW LARGER 448 - MVA 230/100/44KV AUTOBANK. REPLACE EXISTING 230 KV AND 44 KV OIL BREAKERS WITH GAS
Supporting Statement:	EXISTING N GREENVILLE TIE BANK 1 CAN OVERLOAD UNDER CONTINGENCY

In-Service Year:	2025
Project Name:	**SCE&G (SALUDA DAM) - NEWBERRY TIE 100 KV TRANSMISSION LINES**
Description:	Rebuild the SCE&G (Saluda Dam) - Newberry Tie 100 kV Line up to the change of ownership with SCE&G with 1272 ACSR at 120°C
Supporting Statement:	Support future solar generation in the area and address potential contingency loading conditions on the SCE&G (Saluda Dam) - Newberry Tie 100 kV

In-Service Year:	2026
Project Name:	**BOYD SWITCHING STATION**
Description:	Construct a new 230kV switching station along the Marshall Steam Station - Longview Tie 230 kV transmission line
Supporting Statement:	The Marshall Steam Station - Longview Tie 230 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**BUSH RIVER TIE - LAURENS TIE 100 KV TRANSMISSION LINES**
Description:	Rebuild the full 29 miles of the Bush River Tie - Laurens Tie 100 kV double circuit line with 1272 ACSR at 120°C
Supporting Statement:	Support future solar generation in the area and address potential contingency loading conditions on the Bush River Tie - Laurens Tie 100 kV Transmission Line

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In-Service Year:	2026
Project Name:	**HASS CREEK SWITCHING STATION**
Description:	Construct a new 230kV switching station along the Orchard Tie - Longview Tie 230 kV transmission line
Supporting Statement:	The Orchard Tie - Longview Tie 230 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**LEE STEAM STATION - SHADY GROVE TIE 100 KV TRANSMISSION LINE (LEE CIRCUITS)**
Description:	Rebuild the entire Lee Steam Station - Shady Grove 100 kV Transmission Line (Lee circuits) with 1158 ACSS/TW at 200°C
Supporting Statement:	The Lee Steam Station - Shady Grove 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**LEE STEAM STATION - SHADY GROVE TIE 100 KV TRANSMISSION LINE (PIEDMONT CIRC**
Description:	Rebuild the entire Lee Steam Station - Shady Grove 100 kV Transmission Line (Piedmont circuits) with 1158 ACSS/TW at 200°C
Supporting Statement:	The Lee Steam Station - Shady Grove 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**LYLE CREEK SWITCHING STATION**
Description:	Construct a new 100 kV switching station along the Hickory Tie - Lookout Tie 100 kV Transmission Lines.
Supporting Statement:	Hickory Tie - Lookout Tie 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**NORTH GREENSBORO TIE - GREENSBORO MAIN 100 KV TRANSMISSION LINES**
Description:	Rebuild both of the North Greensboro Tie - Greensboro Main 100 kV Transmission Lines with 1158 ACSS/TW at 200°C
Supporting Statement:	The North Greensboro - Greensboro Main 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2026
Project Name:	**OAKVALE TIE - EAST GREENVILLE TIE 100 KV TRANSMISSION LINE**
Description:	Rebuild 4.5 miles (East Greenville to Verdae Retail) of the Oakvale Tie - East Greenville Tie 100 kV Double Circuit line with 1272 ACSR at 120°C
Supporting Statement:	The Oakvale Tie - East Greenville Tie 100 kV Transmission Line can overload under contingency

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In-Service Year:	2026
Project Name:	**WYLIE SWITCHING STATION - WOODLAWN TIE 100 KV TRANSMISSION LINE**
Description:	Reconductor 8 miles (Wylie Tie to Arrowood Retail) of the Wylie Tie - Woodlawn Tie 100 kV double circuit transmission line with bundled 477 ACSR at 120°C.
Supporting Statement:	The Wylie Tie - Woodlawn Tie 100 kV transmission line can overload under contingency

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In-Service Year:	2027
Project Name:	**LANCASTER MAIN - MONROE MAIN 100KV TRANSMISSION LINE**
Description:	Rebuild 23.8 miles of Lancaster Main - Monroe Main 100kV double circuit transmission line with 1158 ACSS/TW rated at 200°C
Supporting Statement:	Lancaster Main - Monroe Main 100kV transmission line can overload under contingency

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In-Service Year:	2028
Project Name:	**LONGVIEW TIE - HUFFMAN TAP 100 KV TRANSMISSION LINES**
Description:	Extend and rebuild part of the Longview Tie - Huffman Tap 100 kV Transmission Line in order to provide new network lines between Longview Tie and Lyle Creek Switching Station
Supporting Statement:	Networking the Longview Tie - Huffman Tap 100 kV Transmission Lines helps to relieve contingency loading on the Hickory - Lyle Creek and Lyle Creek - Lookout Tie 100 kV Transmission Lines

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In-Service Year:	2028
Project Name:	**STONEWATER TIE - WESTFORK SWITCHING STATION 100 KV TRANSMISSION LINES**
Description:	Rebuild 3 miles (Wildcat Tie to Westfork Switching Station) of the Stonewater Tie - Westford Switching Station 100 kV Transmission Line with 1272 ACSR at 120°C
Supporting Statement:	The Stonewater Tie - Westfork Switching Station 100 kV transmission line can overload under contingency

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In-Service Year:	2029
Project Name:	**HARRISBURG TIE - CONCORD MAIN 100 KV TRANSMISSION LINES**
Description:	Rebuild 5.6 miles (Concord Main to Customer) of the Harrisburg Tie - Concord Main 100 kV double circuit transmission line with 1272 ACSR at 120°C
Supporting Statement:	The Harrisburg Tie - Concord Main 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2029
Project Name:	**NEWPORT TIE - MORNING STAR TIE 230 KV TRANSMISSION LINE**
Description:	ADD A SECOND CIRCUIT TO THE EXISTING NEWPORT TIE - MORNING STAR TIE 230 KV TRANSMISSION LINE
Supporting Statement:	Existing Newport Tie - Morning Star Tie 230 kV Transmission Line can overload under contingencies

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In-Service Year:	2030
Project Name:	**NORTH GREENVILLE TIE TO PISGAH TIE 100 KV TRANSMISSION LINE**
Description:	Rebuild 11.5 miles (North Greenville Tie to Marietta Tie) of the North Greenville Tie - Pisgah Tie 100 kV transmission line with 1272 ACSR at 120°C.
Supporting Statement:	The North Greenville Tie - Pisgah Tie 100 kV transmission can overload under contingencies

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In-Service Year:	2032
Project Name:	**CRETO TIE TO CORONACA TIE 100 KV TRANSMISSION LINE**
Description:	Rebuild and add a second circuit to 13 miles of the single circuit Creto Tie to Coronaca Tie 100 KV transmission Line with 954 ACSR at 120°C.
Supporting Statement:	The Creto Tie - Coronaca Tie 100 kV transmission line can overload under contingency

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In-Service Year:	2032
Project Name:	**HARRISBURG TIE - AMITY SWITCHING STATION 100 KV TRANSMISSION LINES**
Description:	Rebuild 6.45 miles (Harrisburg Tie to Structure 52.0) of the Harrisburg Tie - Amity Switching Station 100 kV Transmission line with 1272 ACSR at 120°C
Supporting Statement:	The Harrisburg Tie - Amity Switching Station 100 kV Transmission Lines can overload under contingency

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In-Service Year:	2032
Project Name:	**MORNING STAR TIE EXPANSION**
Description:	Expand the 230 kV switchyard at Morning Star Tie to a full breaker and a half configuration and replace all three existing autobanks with new 230/100/44 kV 448MVA transformers.
Supporting Statement:	The addition of a second Sandy Ridge circuit requires the expansion of the 230 kV at Morning Star Tie. The existing banks at Morning Star can overload under contingencies

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In-Service Year:	2034
Project Name:	**WINECOFF TIE - CONLEY SWITCHING STATION 100 KV TRANSMISSION LINE**
Description:	Rebuild 7.89 miles of the Winecoff Tie - Conely Switching Station 100 kV transmission line with 1272 ACSR at 120°C
Supporting Statement:	The Winecoff Tie - Conely Switching Station 100 kV transmission Lines can overload under contingency

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In-Service Year:	2025
Project Name:	**CARTHAGE 230 KV SUBSTATION**
Description:	Construct Carthage 230 kV Substation
Supporting Statement:	Various contingencies cause overloads and low voltages in the area.

In-Service Year:	2025
Project Name:	**FAYETTEVILLE – FAYETTEVILLE DUPONT 115 KV LINE**
Description:	Reconductor the Hope Mills Church St.-Roslin Solar section (3.0 miles) of the Fayetteville – Fay. DuPont SS 115 kV line with 3-1590 MCM ACSR conductor.
Supporting Statement:	Fayetteville – Fayetteville Dupont 115 KV Line Overloads under contingnecy

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In-Service Year:	2026
Project Name:	**WEATHERSPOON-LOF 115 KV TRANSMISSION LINE**
Description:	Reconductor approximately 9.0 miles from Maxton to Pembroke 115 kV substation with 795 MCM ACSR or equivalent. Replace the existing 600A switch (45-2) with a 1200A switch.
Supporting Statement:	The Maxton-Pembroke section of the Weatherspoon-Ind 304440 115 kV transmission line overloads under contingency.

In-Service Year:	2028
Project Name:	**DURHAM – RTP 230 KV TRANSMISSION LINE**
Description:	Reconductor approximately 10.0 miles of the Durham – RTP 230 kV transmission line with bundled 6 – 1590 ACSR rated for 1195 MVA.
Supporting Statement:	The Durham – RTP 230 kV transmission line overloads under contingency.

In-Service Year:	2028
Project Name:	**FRANKLINTON - SPRING HOPE 115 KV LINE, TAKE LOAD OFF LINE**
Description:	Move load off Franklinton-Spring Hope 115kV and put it on Rocky Mount-Person 230kV
Supporting Statement:	Multiple contingencies cause low voltage of the Franklinton - Spring Hope SS 115 KV Line. Falls - Franklinton 115 KV West Line can also overload under a nearby contingency.

In-Service Year:	2030
Project Name:	**CAMDEN JUNCTION - DPC WATEREE 115 KV LINE (CARBON PLAN/RED ZONE)**
Description:	Camden Junction-DPC Wateree 115 kV line - reconductor 4.24 miles
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**CAPE FEAR PLANT - WEST END 230 KV LINE, REBUILD (CARBON PLAN/RED ZONE)**
Description:	Reconductor 26 miles and raise 4.5 miles of the Cape Fear Plant - West End 230 kV Line
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**ERWIN - FAYETTEVILLE 115 KV LINE, RECONDUCTOR TWO SECTIONS (CARBON PLAN/RE**
Description:	Reconductor two sections, 8.72 miles, of the Erwin - Fayetteville 115 kV Line
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**ERWIN - FAYETTEVILLE EAST 230 KV LINE, REBUILD (CARBON PLAN/RED ZONE)**
Description:	Reconductor 23 miles of the Erwin - Fayetteville East 230 kV Line
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**FAYETTEVILLE - FAYETTEVILLE DUPONT 115 KV LINE, RECONDUCTOR TWO SECTIONS (C**
Description:	Reconductor two sections, 8.1 miles, of the Fayetteville - Fayetteville DuPont 115 kV Line
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**ROBINSON - ROCKINGHAM 230 KV LINE (CARBON PLAN/RED ZONE)**
Description:	Robinson Plant-Rockingham 230 line - reconductor 41 miles
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**ROBINSON PLANT - ROCKINGHAM 115 KV LINE (CARBON PLAN/RED ZONE)**
Description:	Robinson Plant-Rockingham 115 kV line - reconductor 17.08 miles
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2030
Project Name:	**WEATHERSPOON - MARION 115 KV LINE (CARBON PLAN/RED ZONE)**
Description:	Weatherspoon-Marion 115 kV - raise 6.45 miles
Supporting Statement:	Approved DEP upgrade through NCUC as part of the plan to reach goals for renewable generation detailed in the Carolinas Carbon Plan.

In-Service Year:	2026
Project Name:	**ASHEVILLE PLANT – OTEEN WEST 115 KV TRANSMISSION LINE, BALDWIN TAP**
Description:	Construct approximately 2.2 miles of new 115 kV transmission line from the Asheville Plant – Oteen West 115 kV transmission line to the Asheville Plant – Oteen East 115 kV transmission line, with 795 ACSR. The Baldwin 115 kV substation will be reconnected to this new tap line.
Supporting Statement:	Additional voltage support is needed in the Baldwin area under contingency.

In-Service Year:	2026
Project Name:	**CRAGGY-ENKA 230 KV TRANSMISSION LINE**
Description:	Construct approximately 10.0 miles of new 230 kV transmission line from the Craggy 230 kV substation to the Enka 230 kV substation with 3-1590 MCM ACSR or equivalent.
Supporting Statement:	The Enka–West Asheville 115 kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**BLUE LICK TO CEDAR GROVE TAP 161KV TRANSMISSION LINE**
Description:	Replace 0.1 miles of 795MCM 61XAA, 4.6 miles of 500MCM 19XCU conductor, and 795MCM 61XAA line risers and jumper in the Blue Lick to Cedar Grove 161kV line with 795MCM 26X7 ACSR or better.
Supporting Statement:	The Blue Lick to Cedar Grove Tap 161kV transmission line overloads.

In-Service Year:	2025
Project Name:	**MIDDLETOWN TO BUCKNER 345KV TRANSMISSION LINE**
Description:	Replace the 345kV 2000A breakers associated with the Middletown to Buckner 345kV line with 3000A breakers.
Supporting Statement:	The Middletown to Buckner 345kV line overloads under contingency.

In-Service Year:	2028
Project Name:	**BULLITT CO TO CEDAR GROVE TAP 161KV TRANSMISSION LINE**
Description:	Replace 1.6 miles of 795MCM 61XAA, on the Bullitt Co to Cedar Grove 161kV line with 795MCM 26X7 ACSR or better.
Supporting Statement:	The Bullitt Co to Cedar Grove Tap 161kV transmission line overloads.

In-Service Year:	2024
Project Name:	**OAK GROVE SWITCHING TO CHUMUCKLA 115KV CONVERSION**
Description:	Construct a new 115kV transmission line from Oak Grove Switching 115kV to Chumuckla 115kV which will replace the existing 46kV transmission line.
Supporting Statement:	This line will complete a 115kV network path from Wye 115kV Switching to Oak Grove 115kV Switching to provide transmission redundancy for area delivery points.

In-Service Year:	2025
Project Name:	**ELSANOR-MIFLIN 115KV SECOND LINE**
Description:	Construct approximately 12 miles of new 115kV transmission line from Elsanor to Miflin with 795 ACSR at 100°C.
Supporting Statement:	The existing Elsanor-Miflin 115kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**EREC 115KV CONVERSION**
Description:	This project will convert 21.36 miles of 46kV transmission to 115kV operation. Three 46kV distribution delivery points will also be upgraded to 115kV service as part of the project.
Supporting Statement:	To support additional load growth in the area.

In-Service Year:	2026
Project Name:	**GASKIN – SOUTHPORT 115 KV TRANSMISSION LINE**
Description:	Construct approximately 9.0 miles of new 115 kV transmission line from Gaskin Switching Station to Southport substation with 795 ACSR at 100°C.
Supporting Statement:	Improve the reliability of Gulf Coast Electric's substations by providing a looped service feed.

In-Service Year:	2023
Project Name:	**BIG CREEK - ELLICOTT 230 KV UPGRADE**
Description:	Upgrade approximately 30.4 miles of 1351 51/19 ACSR at 75°C to 100°C from Ellicott SS to Big Creek TS.
Supporting Statement:	The Big Creek - Ellicott 230 kV transmission line overloads under contingency.

In-Service Year:	2024
Project Name:	**230/115KV KINGSLAND AUTOBANK REPLACEMENT**
Description:	Replace 230/115kV auto-transformer bank C at Kingsland substation.
Supporting Statement:	The 230/115kV auto-transformer at Kingsland overloads under contingency.

In-Service Year:	2024
Project Name:	**230/115KV PINE GROVE AUTOBANK REPLACEMENT**
Description:	Replace 230/115kV auto-transformer bank B at Pine Grove substation.
Supporting Statement:	The 230/115kV auto-transformer at Pine Grove overloads under contingency.

In-Service Year:	2024
Project Name:	**ARKWRIGHT - LLOYD SHOALS 115 KV LINE RECONDUCTOR**
Description:	Reconductor the Arkwright - Lloyd Shoals 115kV line.
Supporting Statement:	The Arkwright - Lloyd Shoals 115kV line becomes overloaded under contingency.

In-Service Year:	2024
Project Name:	**ARKWRIGHT - SOUTH MACON (BLACK) 115KV TRANSMISSION LINE REBUILD**
Description:	Replace limiting element at Arkwright substation with higher rating and rebuild 2.38 mi of line from Arkwright to Town Creek J1 to 100C 795 ACSR.
Supporting Statement:	Latest P-events compliance screens show a thermal constraint for the Arkwright - South Macon (Black) 115kV line due to a P2 event.

In-Service Year:	2024
Project Name:	**BANKS CROOSING - POND FORK 115KV TRANSMISSION LINE**
Description:	Build a 3.5 miles, 115kV transmission line from McClure Industrial substation to structure 21 A/B on the East Maysville tap with 100°C 1351 ACSR Martin.
Supporting Statement:	This new network path accomodates the increase of load in the area and offers operational flexibility in the area.

In-Service Year:	2024
Project Name:	**BOULDIN DAM – COUNTY LINE RD 115KV TL**
Description:	Reconductor ~6 miles of 795 ACSR 100°C from Bouldin Dam to Sonat Elmore Tap 115kV TL to 795 ACSS 200°C
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2024
Project Name:	**CORN CRIB - LAGRANGE 115KV LINE REBUILD**
Description:	Rebuild line sections (total 10.9 miles) on the Corn Crib - Lagrange Primary 115 kV line.
Supporting Statement:	The Corn Crib - Lagrande Primary 115 kV line overloads under contingency.

In-Service Year:	2024
Project Name:	**EAST ROANOKE - AL STATE LINE 115 KV TL UPGRADE**
Description:	Phase 4: Upgrade ~ 4.15 miles from E. Roanoke SS – AL state line of 397 26/7 ACSR 75°C to 125°C
Supporting Statement:	The East Roanoke - AL state line 115 kV transmission line overloads under contingency.

In-Service Year:	2024
Project Name:	**EUFALA – GEORGE DAM – WEBB 115 KV TRANSMISSION LINE**
Description:	Phase 1: Reconductor approximately 18.3 miles of 266 ACSR at 100 °C from Eufaula to Abbeville TS with 795 ACSR at 100° C. Phase 2: Reconductor ~27 miles of 266 ACSR at 100 °C of the Abbeville – Webb 115 kV TL to 795 ACSR 26/7 100 °C
Supporting Statement:	The Eufaula – Abbeville-Webb 115 kV transmission line overloads under contingency.

In-Service Year:	2024
Project Name:	**FENWICK STREET - SAND BAR FERRY 115KV (RECONDUCTOR)**
Description:	Reconductor approximately 2.72 miles of 115kV line sections of the Fenwick Street - Sand Bar Ferry 115kV line with 1351 ACSR conductor.
Supporting Statement:	The Fenwick Street-Sand Bar Ferry 115kV lin overload under contingency.

In-Service Year:	2024
Project Name:	**FORTSON 500 KV RELAY REPLACEMENT**
Description:	Replacing breaker failure relay scheme at Fortson substation (MEAG).
Supporting Statement:	Contingency results in several thermal overloads.

In-Service Year:	2024
Project Name:	**GORDON - SANDERSVILLE #1 115KV TRANSMISSION LINE REBUILD**
Description:	Rebuild 1.87 miles of the Gordon - Sandersville #1 115kV line from 100C ACSR 336 conductor to 100C ACSR 795 conductor.
Supporting Statement:	The Gordon - Sandersville #1 115kV transmission line overloads under non-contingency conditions.

In-Service Year:	2024
Project Name:	**GRADY-WEST END PART OF JACK MCDONOUGH AREA SOLUTION**
Description:	Reconductor the Grady - West End 115 kV line.
Supporting Statement:	Project enhances operational flexibility and mitigates line overload.

In-Service Year:	2024
Project Name:	**HEARD COUNTY - TENASKA 500KV TRANSMISSION LINE**
Description:	Construct a new, second Heard County - Tenaska 500KV transmission line.
Supporting Statement:	To minimize system impact caused by unit retirements and to improve system reliability, the project has been proposed as the most cost-effective solution which solves multiple overloads.

In-Service Year:	2024
Project Name:	**HOPE HULL AREA SOLUTION PHASE 1**
Description:	Construct approximately 1.8 miles of 795 ACSS 115 kV transmission line at 200°C between Hyundai Power Transformers to a tap point on the W. Montgomery to Pintlala 115 kV transmission line. Reconductor approximately 2.7 miles of the Hope Hull Tap to Hyundai Power Transformers 115 kV transmission line with 795 ACSS at 200°C.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2024
Project Name:	**JORDAN DAM - NORTH SELMA 115 KV TL RECONDUCTOR**
Description:	Barry SP - Reconfigure substation and replace structures.
Supporting Statement:	The Jordan Dam - North Selma 115 kV transmission line overloads under contingency. This project also provides additional operational and maintenance flexibility which then increases reliability.

In-Service Year:	2024
Project Name:	**JUDY MOUNTAIN SHUNT REACTOR**
Description:	Install one 150 MVAR shunt reactor set at Judy Mountain connected to the 230 kV bus.
Supporting Statement:	Unacceptably high voltages have been observed across North Georgia during very low-load conditions.

In-Service Year:	2024
Project Name:	**LAFAYETTE - ROANOKE 115 KV UPGRADE**
Description:	Phase 1: Upgrade approximately 2.5 miles 397 ACSR to 100° C from City of Lafayette No. 1 to Lafayette TS. Phase 2: Upgrade approximately 12.2 miles from Lafayette TS - Roanoke TS & ~4.5 miles Roanoke TS - East Roanoke SS 115 kV TL 397 ACSR to 125° C. Phase 3: Upgrade ~4.4 miles from Lafayette Solar Farm to LaFayette TS & upgrade 14.9 miles North Auburn TS to Lafayette Solar Farm of 397 ACSR 115 kV TL to 125°C
Supporting Statement:	The LaFayette to Roanoke 115 kV transmission line overloads under contingency.

In-Service Year:	2024
Project Name:	**MCGRAU FORD STATIC VARS SYSTEM INSTALLATION**
Description:	Install a STATCOM system at McGrau Ford substation.
Supporting Statement:	Fast reactive support is needed to address FIDVR issues in North Georgia. This project will also address high-voltage issues that occur during valley load conditions.

In-Service Year:	2024
Project Name:	**MEAG 230KV REDUNDANT RELAY (PART OF FORTSON SUBSTATION MODERNIZATION)**
Description:	Add a 230kV redundant relay scheme at Fortson. This is a small part of the Fortson substation modernization project.
Supporting Statement:	Project eliminates a contingency that causes multiple overloads in the system.

In-Service Year:	2024
Project Name:	**MIDDLE FORK STATIC VAR SYSTEM**
Description:	Install a +150/-150 MVAR STATCOM connected to the 230 kV bus at Middle Fork
Supporting Statement:	Fast reactive support is needed to address FIDVR issues in North Georgia. This project will also address high-voltage issues that occur during valley load conditions.

In-Service Year:	2024
Project Name:	**NORCROSS - SNELLVILLE PRIMARY 115KV (REBUILD)**
Description:	Rebuild the Norcross - Snellville Primary 115 kV line.
Supporting Statement:	The initial project driver was that the OHGW had minimal lifetime, and needed to be replaced. Given age and condition of line, the project became a complete rebuild, which will require easements.

In-Service Year:	2024
Project Name:	**NORCROSS 230KV BUS 2-3 SERIES BUS TIE UPGRADE**
Description:	Install a 230kV bus tie breaker in series with the existing bus tie breaker.
Supporting Statement:	Several transmission elements exceed their rating under contingency.

In-Service Year:	2024
Project Name:	**PICAYUNE – CARRIERE SW 115 KV REBUILD**
Description:	Rebuild approximately 0.8 mile, 115 kV line between Carriere SW and Pigott Tap 115 kV line segment with 1033.5 ACSR at 100°C and upgrade bus at Picayune North.
Supporting Statement:	The Carriere SW – Picayune 115 kV line overloads under contingency.

In-Service Year:	2024
Project Name:	**RIDDLEVILLE BUS REPLACEMENT**
Description:	Replace the main 115kV bus at Riddleville substation with rating higher than 124MVA.
Supporting Statement:	The Riddleville-North Louisville J line section of the Sandersville #1 - Wadley Primary 115kV line overloads under contingency.

In-Service Year:	2024
Project Name:	**ROBINS SPRINGS SUBSTATION CAPACITOR BANK INSTALLATION**
Description:	Install a 115kV 2-stage capacitor bank at Robins Spring.
Supporting Statement:	A contingency causes low voltage issues on several buses of this line.

In-Service Year:	2024
Project Name:	**SAVANNAH AREA TRANSMISSION NETWORK UPGRADES**
Description:	Construct the new Newton Road six element ring bus substation looping in and out the Little - Ogeechee (Black & White) 230kV lines and build a 230kV line to serve new load. Construct the new Hyundai Motors - Meldrim 230kV line approximately 9 miles long with 100C ACSR 1351 Martin conductor. Construct a new Hyundai Motors - Newton Road 230kV line approximately 12.1 miles long with 100C ACSR 1351 Martin conductor.
Supporting Statement:	The new 230kV Newton Rd switching station and two new transmission lines are needed to reliably serve new load.

In-Service Year:	2024
Project Name:	**THOMSON PRIMARY - WARRENTON PRIMARY (WHITE) 115 KV LINE RECONDUCTOR**
Description:	Reconductor approximately 16.8 miles of 336 ACSR at 100°C on the Thomson Primary - Warrenton Primary 115 kV (White) transmission line with 795 ACSR at 100°C.
Supporting Statement:	The Thomson Primary - Warrenton Primary line overloads under contingency.

In-Service Year:	2024
Project Name:	**UNION CITY 230KV BUS TIE**
Description:	Construct a 230 kV bus tie at Union City.
Supporting Statement:	Morrow - Union City 230kV line overloads under contingency.

In-Service Year:	2024
Project Name:	**VILLA RICA RELAY MODERNIZATION**
Description:	Modify protection schemes at Villa Rica to add protection redundancy.
Supporting Statement:	Adamsville - Buzzard Roost 230kV line overloads under contingency. Protection scheme upgrades at Villa Rica are also needed to comply with the latest SoCo standards.

In-Service Year:	2024
Project Name:	**WARRENTON PRIMARY 230KV SWITCHES AND JUMPERS REPLACEMENT**
Description:	Replace 230kV 1200 A switches with 2000 A switches at Warrenton Primary side. Also, replace existing 230kV 1590 AAC Coreopsis jumpers at Warrenton Primary with at least 2-1590 AAC jumpers.
Supporting Statement:	The Goldens Creek - Warrenton Primary 230kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**ADAMSVILLE - JACK MCDONOUGH 230KV TRANSMISSION LINE REBUILD**
Description:	Rebuild the entire Adamsville - Jack McDonough 230kV line, 6.1-mile line to 160°C ACSS
Supporting Statement:	System Operations has identified that there are some difficulties doing certain routine maintenance work. Area system improvement is needed for maintenance support.

In-Service Year:	2025
Project Name:	**ALBERTA CITY - HOLT 115 KV TL RECONDUCTOR**
Description:	Reconductor approximately 4 miles of 795 ACSR at 100°C on the Alberta City - Holt 115 kV transmission line to 795 ACSS at 200°C.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2025
Project Name:	**ALCOVY ROAD - SKC 115KV REBUILD**
Description:	Rebuild approximately 0.54 mile of the Alcovy Road - SKC 115kV transmission line.
Supporting Statement:	The Alcovy Road - SKC 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2025
Project Name:	**ANTHONY SHOALS - WASHINGTON 115 KV LINE REBUILD**
Description:	Rebuild the 21 miles Double Branches Junction – Washington 115 kV line section with (minimum) 795 ACSR 100°C conductor.
Supporting Statement:	The Anthony Shoals – Washington 115 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**AULTMAN ROAD - BONAIRE PRIMARY 115 KV RECONDUCTOR**
Description:	Reconductor the 1.99 miles, Sleepy Hollow - Peach Blossom 115 kV section (presently 100°C 336 ACSR) of the Aultman Road - Bonaire Primary 115kV line, with 100°C 795 ACSR. GTC: Upgrade substations along the path of network flow.
Supporting Statement:	The Aultman Road - Bonaire Primary 115KV line overloads under contingency.

In-Service Year:	2025
Project Name:	**BONAIRE PRIMARY - ECHECONNEE 115KV TRANSMISSION LINE**
Description:	Reconductor 2.3 miles of the Bonaire Primary - Echeconnee 115KV line of 100°C ACSR 636 to 100°C ACSR 795 conductor.
Supporting Statement:	The Bonaire Primary - Echeconnee 115KV line becomes overloaded under certain contingencies.

In-Service Year:	2025
Project Name:	**BOULEVARD - DEPTFORD 115KV REBUILD**
Description:	Rebuild the Boulevard-Deptford 115kV line, and replace jumpers at Deptford substation.
Supporting Statement:	The Boulevard-Deptford 115kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**BRANCH REACTORS**
Description:	Install 2% reactors on the Branch-Oasis 230kV line.
Supporting Statement:	The Branch-Oasis 230V lineoverloads under contingency.

In-Service Year:	2025
Project Name:	**CAPITOL HEIGHTS – CARTER HILL RD 115 KV TRANSMISSION LINE**
Description:	Reconductor ~2.5 miles of 556 AAC at 75°C from Capitol Heights – Carter Hill Rd to 795 ACSR at 100°C
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2025
Project Name:	**EATONTON PRIMARY REACTORS**
Description:	Install 3% reactors on the Eatonton Primary-Oasis 230kV line.
Supporting Statement:	The Eatonton Primary-Oasis 230kV lineoverloads under contingency.

In-Service Year:	2025
Project Name:	**ECHECONNEE - WELLSTON 115KV TRANSMISSION LINE RECONDUCTOR**
Description:	Reconductor 1.2 miles of the Echeconnee - Wellston 115KV line of 100°C 636 ACSR with 100°C 1033 ACSR
Supporting Statement:	The Echeconnee - Wellston 115kv line overloads under contingency.

In-Service Year:	2025
Project Name:	**ECHECONNEE-WELLSTON 115KV (N WARNER ROB-S WARNER ROB) REBUILD**
Description:	Rebuild the line section between North Warner Robins - South Warner Robins, 1.5 miles, on the Echeconnee - Wellston 115kV line from 100°C ACSR 636 to 100°C ACSR 1351. Upgrade substations along the network path.flow.
Supporting Statement:	The North Warner Robins-South Warner Robins line section of the Echeconnee-Wellston 115kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**GRACEVILLE - HOLMES CREEK 115KV TRANSMISSION LINE**
Description:	Construct approximately 1.08 miles of new 115 kV transmission line from PowerSouth's Graceville Switching Station to FPL's Homes Creek Station using 795 ACSR conductor at 100°C design operating temperature.
Supporting Statement:	Improves voltage support for delivery points on PowerSouth system in the area.

In-Service Year:	2025
Project Name:	**GULFPORT LANDON – COOPERATIVE ENERGY LANDON TAP 115 KV TRANSMISSION LIN**
Description:	Rebuild approximately 5.5 mile, 115 kV transmisson line between Gulfport Landon substation and Coopertive Energy's Landon Tap with 1351 ACSR at 100°C.
Supporting Statement:	The Gulfport Landon - Coopertive Energy's Landon Tap 115 kV overloads under contingency.

In-Service Year:	2025
Project Name:	**HAMMOND – WEISS DAM 115 KV LINE REBUILD**
Description:	Rebuild the line section from Hammond to the State line (11 miles) with higher rated conductor.
Supporting Statement:	Hammond - Weiss Dam 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2025
Project Name:	**HWY 45/234 - WESTOVER 115KV LINE**
Description:	Construct a new 115 kV line from Greenhouse Rd to Gillionville Substation (GTC).
Supporting Statement:	The Dawson - Palmyra 115 kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**JEFFERSON STREET#3 - NORTHWEST (WHITE) 115 KV RECONDUCTOR**
Description:	Rebuild 1.2 miles of transmission line from Northwest to Jefferson Street #3.
Supporting Statement:	The line overloads under contingency.

In-Service Year:	2025
Project Name:	**JESUP - LUDOWICI 115KV TRANSMISSION LINE RECONDUCTOR**
Description:	Reconductor the Jesup - North Jesup - Rayonier section (7.5 miles) using 100°C 795 ACSR Drake conductor.
Supporting Statement:	The Jesup - Ludowici 115 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**LEEDS TS – MOODY SS 115 KV TRANSMISSION LINE RECONDUCTOR**
Description:	Reconductor approximately 5.0 miles of 795 ACSR at 100°C with 1033.5 ACSS at 200°C.
Supporting Statement:	The Leeds to Moody 115 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**LITTLE OGEECHEE REDUNDANT RELAY INSTALLATION**
Description:	Add a redundant relay scheme at Little Ogeechee 230 kV substation.
Supporting Statement:	the Jesup - Offerman 115 kV line overloads under contingency.

In-Service Year:	2025
Project Name:	**LUMBERTON - POPARVILLE 115 KV TRANSMISSION LINE REBUILD**
Description:	Rebuild approximately 2.8 mile, 115 kV transmission line segment between Lumberton and Hilldale Tap 115 kV segment with 1033.5 ACSR at 100°C.
Supporting Statement:	The Lumberton – Poplarville 115 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**PALMYRA REACTOR REMOVAL**
Description:	Remove reactor at Palmyra.
Supporting Statement:	Permanent solution renders reactor no longer needed.

In-Service Year:	2025
Project Name:	**SILVERHILL TS 3RD AUTOBANK**
Description:	Add 3rd 230/115 kV Autobank at Silverhill TS during infrastructure project.
Supporting Statement:	The Silverhill 230/115 kV autobank overloads under contingency.

In-Service Year:	2025
Project Name:	**SUNNY SOUTH CAPACITOR BANK**
Description:	Install 1 - 15 Mvar, 115 kV FILTERED capacitor bank at Sunny South SS
Supporting Statement:	Low voltage in the area under contingency. This project provides voltage support under contingency scenarios.

In-Service Year:	2026
Project Name:	**ATHENA - EAST WATKINSVILLE 115 KV (REBUILD)**
Description:	Rebuild 2.42 miles of the East Athens - Whitehall line section on the Athena - East Watkinsville 115kV line with from 100°C ACSR 336 to 100°C 1033 ACSR conductor.
Supporting Statement:	The East Athens to Whitehall line sections of the Athena - East Watkinsville 115kV line overloads under contingency.

In-Service Year:	2026
Project Name:	**BESSEMER – SOUTH BESSEMER 115 KV TRANSMISSION LINE**
Description:	Reconductor ~2 miles of 115 kV TL from McAdory Tap – Airport Lane Tap from 397 ACSR to 795 ACSR 26/7 at 100C
Supporting Statement:	The Bessemer - South Bessemer 115 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**BIG OGEECHEE 500/230KV NEW SUBSTATION**
Description:	Construct a new 500/230kV substation near Little Ogeechee. The new substation will loop in the existing McCall Road-Thalmann 500kV line and the existing Little Ogeechee-Meldrim 230kV lines. It will accommodate a new 500/230kV autobank and an additional 230kV connection to Little Ogeechee.
Supporting Statement:	Multiple 500/230kV West McIntosh autotransformers exceed their ratings under contingency.

In-Service Year:	2026
Project Name:	**BLANKETS CREEK – WOODSTOCK 115 KV LINE REBUILD**
Description:	Rebuild approximately 2.5 miles of the Blankets Creek – Woodstock 115kV transmission line.
Supporting Statement:	The Blankets Creek – Woodstock 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2026
Project Name:	**DRESDEN - LAGRANGE PRIMARY 230KV REACTOR AND JUMPERS**
Description:	Replace limiting elements at substations along the line. Add reactor at one end of line.
Supporting Statement:	The Dresden - Lagrange Primary 230kV line overloads under contingency.

In-Service Year:	2026
Project Name:	**DRESDEN 500KV BUS EXPANSION**
Description:	Expand the Dresden 500kV bus to bring additional 500kV lines into the station.
Supporting Statement:	This project will resolve multiple thermal constraints by eliminating a contingency.

In-Service Year:	2026
Project Name:	**ELLICOTT SUBSTATION EXPANSION PROJECT**
Description:	Add 6 new 230kV terminals at Ellicott SS. Ellicott SS to become Ellicott TS.Add new 115kV station with breaker and a half configuration to support (13) - 115kV line terminations, to include a new 230/115kV autobank. Barry SP - Reconfigure substation and replace structures.
Supporting Statement:	Upgrade existing and construct new transmission facilities to provide additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2026
Project Name:	**FAYETTEVILLE AREA TRANSMISSION NETWORK UPGRADE NEEDS**
Description:	Build a new 500/230kV station with two 500/230kV auto transformers. Build two 230kV lines from the new station to serve load growth in the area.
Supporting Statement:	The new 500/230kV substation and the new 230kV lines are needed to reliably serve load in the Fayetteville area.

In-Service Year:	2026
Project Name:	**FLOMATON 230/115 KV SUBSTATION**
Description:	Install a new 230/115 kV, 480 MVA transformer at Flomaton TS.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2026
Project Name:	**FULLER ROAD - COLUMBUS FIRST AVE 115 KV TL RECONDUCTOR**
Description:	Reconductor ~3 miles of 397 ACSR 115 kV TL at 100°C to 397 ACSS 26/7 at 200°C from Columbus First Ave to Phenix Lumber
Supporting Statement:	The Fuller Road - Columbus First Avenue 115 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**GADSDEN – GULF STATES STEEL 115 KV TRANSMISSION LINE**
Description:	(1.) Reconductor approximately 2.5 miles 397 26/7 ACSR to 795 ACSR 26/7 from Gulf States Steel to Morgan's Crossroads. (2.) Replace Gulf States Steel DS with a new 5-terminal, 4-breaker 115 kV ring bus SS across the street from the existing substation. (3.) Rebuild Praxair DS (115/6.9 kV) and connect it to the ring via a single terminal.
Supporting Statement:	Provides additional operational and maintenance flexibility which then increases reliability. In addition, associated with replacing aging equipment at Gulf States Steel DS.

In-Service Year:	2026
Project Name:	**GOAT ROCK - NORTH OPELIKA 230 KV TRANSMISSION LINE UPGRADE**
Description:	Upgrade the approximately 17.2 mile section of line from North Opelika to Goat Rock to operate at 100° C
Supporting Statement:	The Goat Rock - North Opelika 230 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**GORDON-N DUBLIN 115KV (GORDON-ENGL MCI J) REBUILD**
Description:	Rebuild the Gordon - Engelhard McIntyre J of the Gordon-North Dublin 115kV line from 100°C 336.4 ACSR (2.81mi) Linnet and 75°C 4/0 F Copper/CW (3.18mi) to 100°C ACSR 795 conductor.
Supporting Statement:	The Gordon - North Dublin 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2026
Project Name:	**LAGRANGE - NORTH OPELIKA 230 KV (NEW LINE)**
Description:	Build a new 230 kV line (29.4 miles).
Supporting Statement:	To minimize system impact caused by unit retirements and to improve system reliability, the project has been proposed as the most cost-effective solution which solves multiple overloads.

In-Service Year:	2026
Project Name:	**LAGRANGE - NORTH OPELIKA TS NEW 230 KV TL**
Description:	Construct ~14 miles 230 kV TL between North Opelika TS & new metering station, West Point SS utilizing 1351 54/19 ACSR @ 100°C.
Supporting Statement:	To minimize system impact caused by unit retirements and to improve system reliability, the project has been proposed as the most cost-effective solution which solves multiple overloads.

In-Service Year:	2026
Project Name:	**MEAG: RAY PLACE RD - WASHINGTON**
Description:	Rebuild a section of Ray Place Rd - Washington 115kV line and upgrade limiting stations on line.
Supporting Statement:	Ray Place Rd - Washington 115kV line exceeds its thermal rating due to contingency

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In-Service Year:	2026
Project Name:	**MEAG: RAY PLACE RD - WASHINGTON (WASHINGTON - WASHINGTON 3) LINE REBUILD**
Description:	Rebuild a section of Ray Place Rd - Washington 115kV line and upgrade limiting stations on line.
Supporting Statement:	Ray Place Rd - Washington 115kV line exceeds its thermal rating due to contingency

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In-Service Year:	2026
Project Name:	**MILLER - GORGAS 230 KV TL UPGRADE**
Description:	Upgrade approximately 16 miles of 1351 54/19 ACSR at 100° to 125°C on the Miller - Gorgas 230 kV transmission line.
Supporting Statement:	The Miller - Gorgas 230 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**MITCHELL - NORTH TIFTON 230 KV RECONDUCTOR**
Description:	Reconductor approximately 35.2 miles of the Mitchell - North Tifton 230 kV transmission line with 1351 ACSR at 100°C.
Supporting Statement:	The Mitchell - North Tifton 230 kV line overloads under contingency.

In-Service Year:	2026
Project Name:	**MOBILE AREA NETWORKING – 3RD PATH**
Description:	Construct new Dawes SS at Dawes Tap on the Big Creek – N. Theodore 115kV TL.Reconductor ~6.3 miles on the N. Mobile – Michael Blvd 115kV TL.Upgrade ~4.0 miles of 795 ACSR on the Big Creek – North Theodore 115kV TL from 100°C to 125°C from Big Creek TS to Snow Rd DS to Dawes Tap.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2026
Project Name:	**MORNING HORNET 2ND 230/115 KV BANK & THUMBS UP 115KV TRANSMISSION LINE**
Description:	Add a second 230/115 kV autobank at Morning Hornet substation. Also, build a new additional 115 kV line from Morning Hornet – Thumbs Up 115 kV line (approximately 0.7 mile).
Supporting Statement:	The East Social Circle - Stanton Springs 115 kV and Morning Hornet - Thumbs Up 115 kV lines overload under contingency.

In-Service Year:	2026
Project Name:	**MOSS POINT EAST – PASCAGOULA BAYOU CASOTTE 115 KV TRANSMISSION LINE**
Description:	Construct approximately 2.7 miles of new 1033.5 ACSR 115 kV transmission line at 100°C from Moss Point East and connect into the existing BP Amoco to Pascagoula Bayou Cassotte 115 kV transmission line.
Supporting Statement:	The Moss Point East to Pascagoula MS Chemical 115 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**NORTH SELMA – SELMA #2 115 KV TRANSMISSION LINE**
Description:	Rebuild ~27 miles of 397 ACSR at 100 °C of Selma TS – Vida TS 115 kV TL to 795 ACSS at 200° C
Supporting Statement:	Provides additional operational and maintenance flexibility which then increases reliability.

In-Service Year:	2026
Project Name:	**NORTH THEODORE AREA PROJECT**
Description:	Construct approximately 5.3 miles of new 115 kV transmission line to the Praxair Tap from North Theodore and add a switching station near Multistate CU. Reconductor approximately 1.0 mile of the Hollinger's Island DS – Holcim CU 115 kV transmission line to 795 ACSR at 100°C.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2026
Project Name:	**WEST TECH CAPACITOR BANKS**
Description:	Install two new 115kV, 15MVAr capacitors at West Tech
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2027
Project Name:	**AUTAUGAVILLE - EAST PELHAM NEW 230 KV TRANSMISSION LINE**
Description:	Construct ~75 miles new 230 kV transmission line bundled 795 26/7 ACSS 200°C from Autaugaville TS to East Pelham TS
Supporting Statement:	The Bessemer – South Bessemer 230 kV transmission line overloads under contingency. Reduces multiple 230 kV line loadings and provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2027
Project Name:	**BASSETT CREEK – OCTAGON 115 KV TRANSMISSION LINE**
Description:	Reconductor 0.89 miles of 397 ACSR 100°C to 795 ACSR 100°C from Bassett Creek TS – Fulton TS. Upgrade approximately 32 miles of 397.5 ACSR from Bassett Creek to Octagon 115 kV transmission line from 75°C to 125°C.
Supporting Statement:	The Bassett Creek to Thomasville 115 kV transmission line overloads under contingency.

In-Service Year:	2027
Project Name:	**CENTER PRIMARY - COMMERCE PRIMARY 115KV TRANSMISSION LINE REBUILD**
Description:	Rebuild 11.1 miles of the Center Primary - Nicholson - JM Huber (Commerce) and Commerce #4 - Southeast Toyota line segments, part of the Center Primary - Commerce Primary 115 kV Line, with 100 °C 795 ACSR conductor. Upgrade substations along the path of network flow. GTC: Upgrade substations along the path of network flow.
Supporting Statement:	The Center Primary - Commerce Primary 115 kV transmission line becomes overloaded under contingency.

In-Service Year:	2027
Project Name:	**DEPTFORD - MAGNOLIA 115KV REBUILD**
Description:	Rebuild the Deptford-Magnolia 115kV line.
Supporting Statement:	The Deptford-Magnolia 115kV line overloads under contingency.

In-Service Year:	2027
Project Name:	**EAST WALTON 500/230KV PROJECT**
Description:	GTC: - Construct the East Walton 500/230 kV substation - Construct the Bostwick 230 kV switching station - Construct the East Walton - Rockville 500 kV line - Construct the Bethabara - East Walton 230 kV line - Construct the Bostwick - East Walton 230 kV line - Construct the East Walton - Jack's Creek 230 kV line - At Bethabara, terminate the East Walton 230 kV line - Loop the East Social Circle - East Watkinsville 230 kV line into Bostwick - Replace line trap at East Watkinsville on the Bostwick 230 kV line GPC: - Construct the Rockville 500 kV switching station - Loop the Scherer - Warthen 500 kV line into Rockville - Loop the Doyle - LG&E Monroe 230 kV line into Jack's Creek MEAG: - Construct the Jack's Creek 230 kV switching station
Supporting Statement:	This project addresses multiple contingencies in the area.

In-Service Year:	2027
Project Name:	**ENTERPRISE TS – PINCKARD #2 115 KV TRANSMISSION LINE**
Description:	Reconductor ~7.5 miles of 266 ACSR at 100 °C of the Enterprise to Daleville DS to 795 ACSR at 100° C
Supporting Statement:	The Enterprise - Pinckard #2 115 kV transmission line overloads under contingency.

In-Service Year:	2027
Project Name:	**GOSHEN (SAV) - MCINTOSH 115KV REBUILD**
Description:	Rebuild the Goshen (Savannah)-Georgia Pacific (Rincon) section of the Goshen (Sav)-McIntosh 115kV line.
Supporting Statement:	The Goshen (Sav)-McIntosh 115kV line overloads under contingency.

In-Service Year:	2027
Project Name:	**HWY 112-EAST MOULTRIE 230KV LINE (NEW LINE)**
Description:	Build a new 27 miles 230 kV line between HWY 112 and East Moultrie substations with 100 °C 1351 ACSR conductor.
Supporting Statement:	This project addresses thermal overloads on the Daisy - West Valdosta 230 kV line and Mitchell - Raccoon Creek 230 kV under contingency.

In-Service Year:	2027
Project Name:	**JESUP - OFFERMAN 115 KV TRANSMISSION LINE RECONDUCTOR**
Description:	GPC will reconductor the Screven to Offerman sections of the Jesup-Offerman 115kV line.
Supporting Statement:	The Jesup - Offerman 115 kV transmission line overloads under contingency.

In-Service Year:	2027
Project Name:	**JORDAN DAM - MARTIN DAM 115 KV TL (LINE B)**
Description:	Reconductor approximately 21 miles of 397 ACSR with 795 ACSS at 200°C between Jordan Dam and Martin Dam 115 kV TL (Line B).
Supporting Statement:	Provides additional operational and maintenance flexibility which then increases reliability.

In-Service Year:	2027
Project Name:	**LAWRENCEVILLE - WINDER 115KV LINE RECONDUCTOR**
Description:	Reconductor approximately 1.1 miles of Lawrenceville - Winder 115kV transmission line.
Supporting Statement:	The Lawrenceville - Winder 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2027
Project Name:	**NEW SOUTH HAZLEHURST - NEW LACY 230KV TRANSMISSION LINE**
Description:	Build a new 25-mile 230kV transmission line between South Hazlehurst and New Lacy with 100C ACSR 1351 Martin conductor. Do all the necessary upgrade work to accomodate the new line in both facilities.
Supporting Statement:	Latest P-Events compliace screens show a thermal constraint for the Baxley - South Hazlehurst 115kV line for N-1-1 contingency.

In-Service Year:	2027
Project Name:	**SANDERSVILLE #1 - WADLEY PRIMARY 115 KV TRANSMISSION LINE REBUILD**
Description:	Rebuild all the main line of the Sandersville #1 - Wadley Primary 115 kV line (total of 24.3 miles) of existing 100 deg C 336 ACSR Linnet conductor with at least, 100 deg C 795 ACSR Drake conductor. GTC/MEAG: Replace limiting elements in substations along the network path.
Supporting Statement:	Latest P-Events compliace screens show a thermal constraint for the Sandersville #1 - Wadley Primay 115 kV line due to a P7 event.

In-Service Year:	2027
Project Name:	**SKC REPLACE 115KV BUS AND JUMPERS**
Description:	Replace 115kV bus and jumpers at SKC substation.
Supporting Statement:	On the Covington #2 - SKC 115kV line, the jumpers and bus at SKC, load beyond their rating during a contingency

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In-Service Year:	2027
Project Name:	**WEBB – BLAKELY (GPC) 115 KV TL**
Description:	Reconductor ~10.5 miles of 397 ACSS at 160 °C of the Webb to Blakely (GPC) 115kV TL to 795 ACSS at 200° C.
Supporting Statement:	The Webb - Blakely 115 kV transmission line overloads under contingency.

In-Service Year:	2028
Project Name:	**ABBEVILLE TS - GEORGE DAM 115 KV TL**
Description:	Reconductor ~9.5 miles of 397 ACSR at 100 °C of the Abbeville TS to George Dam 115 kV TL to 795 ACSR at 100° C
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2028
Project Name:	**ACIPCO EAF - BOYLES 230 KV TRANSMISSION LINE**
Description:	Construct ~3 miles of 1351 54/19 ACSR at 100°C from ACIPCO EAF to Boyles TS. Reconductor ~1.8 miles from ACIPCO TS to ACIPCO EAF from 795 ACSR to 1351 ACSR.
Supporting Statement:	The Boyles - Miller 230 kV transmission line overloads under contingency. Also Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2028
Project Name:	**ANNISTON - CROOKED CREEK 115 KV TL**
Description:	Reconductor approximately 28 miles of 397 30/7 ACSR to 795 26/7 ACSR from Golden Springs DS to Crooked Creek TS 115 kV transmission line
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability. In addition, the line is being reconductored due to the age and condition of the structures and conductor.

In-Service Year:	2028
Project Name:	**DEMOPOLIS TS – CEMEX 115 KV TRANSMISSION LINE**
Description:	Construct approximately 1.0 mile of 795 ACSR 115 kV transmission line at 100°C from Demopolis TS to Cemex Tap.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2028
Project Name:	**FLOMATON - NORTH BREWTON 115 KV TL**
Description:	Reconductor approximately 16.0 miles of 795 ACSR at 100°C from N. Brewton – Flomaton 115kV with 795 ACSS at 200°C.
Supporting Statement:	The Flomaton - North Brewton 115 kV transmission line overloads under contingency.

In-Service Year:	2028
Project Name:	**MILLER SP 500 KV SERIES BREAKER**
Description:	Install 500 kV series breaker between Miller – Clay 500 kV TL and Miller – East Point (TVA) TL at Miller SP
Supporting Statement:	The Boyles - Miller 230 kV transmission line overloads under contingency.

In-Service Year:	2028
Project Name:	**NORCROSS - SNELLVILLE PRIMARY 115KV LINE REBUILD**
Description:	Rebuild portion of Norcross - Snellvile Primary 115kV Line
Supporting Statement:	This is a maintenace project given condition and age of the line.

In-Service Year:	2028
Project Name:	**SOUTH BESSEMER 500/230 AUTOBANK**
Description:	Add a second 500/230 kV autobank at South Bessemer TS
Supporting Statement:	Low voltage in the area under contingency. This project provides voltage support under contingency scenarios.

In-Service Year:	2028
Project Name:	**UNION CITY - YATES 230KV BLACK LINE REBUILD**
Description:	Rebuild part of the Union City - Yates 230kV Black line. Replace limiting elements at substations along the line.
Supporting Statement:	The Union City - Yates 230kV Black line overloads under contingency.

In-Service Year:	2028
Project Name:	**WEBB TS STATCOM**
Description:	Installation of a +/- 150 Mvar STATCOM at Webb TS (230kV)
Supporting Statement:	Provides reactive and stability support under contingency for the area.

In-Service Year:	2029
Project Name:	**ARLINGTON PRIMARY - HWY45/234 115KV TRANSMISSION LINE RECONDUCTOR**
Description:	Reconductor approximately 42.61 miles along the Arlington - Dawson Primary 115 kV transmission line with 1351 ACSR at 100C.
Supporting Statement:	The Arlington Primary - Dawson Primary 115 kV transmission line becomes overloaded under contingency.

In-Service Year:	2029
Project Name:	**BREMEN - CROOKED CREEK 115 KV TL**
Description:	Reconductor ~29.5 miles of 397 30/7 ACSR 100°C to 795 26/7 ACSR 100°C from Crooked Creek TS to Indian Creek Metering Station.
Supporting Statement:	The Bremen - Crooked Creek 115 kV transmission line overloads under contingency.

In-Service Year:	2029
Project Name:	**BRUMBLEY CREEK - SOUTH BAINBRIDGE 115KV (RODDENBERY TAP) TRANSMISSION LI**
Description:	Rebuild 2.1 miles segment from line tap into Roddenbery Station on the South Bainbridge - Thomasville 115kV line from 50C ACSR TW 762.8 to 100C ACSR 795.
Supporting Statement:	The Roddenberry - Roddenberry J tap on the South Bainbridge - Thomasville 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2029
Project Name:	**COLLEGE SQUARE - LAKESIDE WTP 115KV LINE SEGMENT REBUILD**
Description:	Rebuild 2.05 miles of 2-4/0 copper part of the College Square to Lakeside WTP B line section, part of the McEver Road - Shoal Creek 115kV line, using 100°C 795 ACSR.
Supporting Statement:	The College Square - Lakeside WTP B line section of the McEver Road - Shoal Creek 115kV transmission line overloads under contingency.

In-Service Year:	2029
Project Name:	**DOUGLASVILLE - POST ROAD 115KV LINE REBUILD PHASE 2 (DOUGLASVILLE - ANNEEW**
Description:	Rebuild 6 miles from Douglasville to the Anneewakee Junction on the Douglasville - Post Road 115 kV line of 100 °C 397 ACSR using 100 °C 795 ACSR conductor.
Supporting Statement:	The Douglasville - Post Road 115 kV transmission line overloads under contingency.

In-Service Year:	2029
Project Name:	**DRESDEN – TALBOT 500KV LINE PROJECT**
Description:	Build a new 500/230kV substation with one 500/230kV auto transformer. Build a new 500kV line from the new station.
Supporting Statement:	This strategic project will address multiple thermal overloads caused by contingency.

In-Service Year:	2029
Project Name:	**KETTLE CREEK PRIMARY - PINE GROVE PRIMARY 115KV REBUILD**
Description:	Rebuild approximately 15.3 miles of 50C 4/0 ACSR conductor from the Pine Grove to the Lakeland substation using 100°C 795 ACSR conductor.
Supporting Statement:	Kettle Creek - Pine Grove 115kV line overloads under contingency.

In-Service Year:	2029
Project Name:	**KRAFT 230/115KV TRANSFORMER RATING INCREASE**
Description:	Replace the 230kV underground cable that connects the 230/115kV Bank B with cable with higher rating. This cable limits the rating of the transformer to 280MVA.
Supporting Statement:	Contingency will load the transformer past its rating.

In-Service Year:	2029
Project Name:	**LAWRENCEVILLE - WINDER 230KV LINE REBUILD**
Description:	Rebuild approximately 6.6 miles of Lawrenceville - Winder 230kV transmission line.
Supporting Statement:	The Lawrenceville - Winder 230kV transmission line becomes overloaded under contingency.

In-Service Year:	2029
Project Name:	**MCEVER ROAD - SHOAL CREEK 115KV TRANSMISSION LINE REBUILD**
Description:	Rebuild the 2-4/0 copper part (2.05 miles) of the College Square to Lakeside WTP B line section, part of the McEver Road - Shoal Creek 115kV line, using 100 °C 795 ACSR.
Supporting Statement:	The College Square - Lakeside WTP B section of the McEver Road - Shoal Creek 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2029
Project Name:	**MEAG: PALMYRA - SLAPPEY DRIVE 115 KV LINE RECONDUCTOR**
Description:	Reconductor 4.33 miles of the line from 477 ACSR Hawk conductor and 636 ACSR Grosbeak conductors with 795 ACSR.
Supporting Statement:	Palmyra - Slappey Drive 115kV overloads unde contingency.

In-Service Year:	2029
Project Name:	**ROBINS SPRING BUS REPLACEMENT**
Description:	Replace the main 115kV bus 90C ACSR 336.4 Linnet conductor with higher rating.
Supporting Statement:	The Gordon - Sandersville #1 115kV transmission line overloads under contingency.

In-Service Year:	2029
Project Name:	**ROCKY RIDGE RADIAL 115 KV TRANSMISSION LINE**
Description:	Reconductor ~0.5 miles of 115 kV TL from Rocky Ridge Tap to Rocky Ridge DS from 4/0 ACSR at 50C to 795 ACSR 26/7 at 100C
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2029
Project Name:	**THOMASVILLE 230/115KV AUTOBANK REPLACEMENT**
Description:	Replace the 230/115kV auto transformer #4 at Thomasville substation.
Supporting Statement:	The 230/115kV auto transformer #4 at Thomasville substation becomes overloaded under contingency.

In-Service Year:	2029
Project Name:	**THURLOW DAM – UNION SPRINGS 115 KV TL**
Description:	Rebuild ~25 miles of 397 ACSR at 75 °C from Union Springs to Halla Climate Tap to 795 ACSR at 100° C
Supporting Statement:	The Thurlow Dam - Union Springs 115 kV transmission line overloads under contingency.

In-Service Year:	2030
Project Name:	**ALEX CITY AREA SOLUTION**
Description:	Construct new West Alex City SS and upgrade approximately 34 miles from Sylacauga TS to Willow Point DS 115 kV TL 397.5 30/7 ACSR at 75°C to 100°C. Construct new West Dadeville TS networking Alex City, Crooked Creek – Martin Dam No. 2, and Thweatt. Reconductor ~4.52 miles from new West Alex City SS to City of Alex City #3 with 795 45/7 ACSR at 100°C
Supporting Statement:	The Martin Dam – Sylacauga 115 kV transmission line overloads under contingency. Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2030
Project Name:	**BAY CREEK 230/115KV SECOND AUTO TRANSFORMER**
Description:	Add a second 230/115kV auto transformer at Bay Creek.
Supporting Statement:	The Bay Creek - Monroe 115kV line becomes overloaded under contingency.

In-Service Year:	2030
Project Name:	**GOLDENS CREEK - WARRENTON PRIMARY 230KV TRANSMISSION LINE REBUILD**
Description:	Rebuild 0.34 miles of the Goldens Creek - Warrenton Primary 230kV line of existing 100 °C 1-1351.5 ACSR Martin conductor with 200 °C 1351 ACCR Martin conductor or equivalent.
Supporting Statement:	The Goldens Creek - Warrenton Primary 230kV transmission line becomes overloaded under contingency.

In-Service Year:	2030
Project Name:	**LOWER RIVER - WEBB (APC) 115KV RECONDUCTOR**
Description:	Reconductor 0.97 miles of 100C 636 Grosbeak with 100C 795 ACSR Drake conductor.
Supporting Statement:	Lower RIver - Webb (APC) 115kV to oveloads under contingency.

In-Service Year:	2030
Project Name:	**MEAG: RAY PLACE RD - WARRENTON PRIMARY LINE REBUILD**
Description:	Rebuild section of Ray Place - Warrenton Primary 115kV line and station upgrades.
Supporting Statement:	Ray Place Rd - Warrenton 115kV line exceeds it's thermal rating for various contingencies.

In-Service Year:	2030
Project Name:	**PELL CITY AREA SOLUTION**
Description:	Construct new Pell City Industrial Park SS and new approximately 10 mile 115 kV TL from Pell City Industrial Park SS – Jackson Shoals TS utilizing 795 26/7 ACSR @ 100°C. Convert East Pell City DS and 25th Street DS to 115 kV
Supporting Statement:	Low voltage and thermal constraints in the area under contingency. This project provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2030
Project Name:	**THURLOW DAM - NOTASULGA 115 KV TL**
Description:	Upgrade ~14 miles of 397 ACSR at 100 °C from Thurlow Dam to Notasulga to 397 ACSR at 125° C.
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2030
Project Name:	**UNION SPRINGS - PINCKARD 115 KV TRANSMISSION LINE**
Description:	Rebuild ~10.6 miles of 397 ACSR of the Pinckard – Ewell SS 115 kV TL from 397 ACSR at 49°C to 795 ACSR at 100° C. Reconductor ~50 miles of 397 ACSR at 50 °C Union Springs – Ewell 115 kV TL to 795 ACSR at 100° C
Supporting Statement:	The Union Springs - Pinckard 115 kV TL overloads under contingency. Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2031
Project Name:	**AUGUSTA CORPORATE PARK - VOGTLE 230KV TRANSMISSION LINE REBUILD**
Description:	Rebuild 14.2 miles of the Augusta Corporate Park - Vogtle 230kV line of existing 100°C 2-795 ACSR Drake conductor with 100°C 2-1351 ACSR Martin conductor.
Supporting Statement:	The Augusta Corportate Park - Vogtle 230 kV transmission line becomes overloaded under contingency.

In-Service Year:	2031
Project Name:	**BOSTWICK - EAST SOCIAL CIRCLE 230KV TRANSMISSION LINE RECONDUCTOR**
Description:	Reconductor 10.8 miles of the 230 kV 1033 ACSR Curlew conductor of the East Social Circle - East Watkinsville 230 kV Line (up to future Bostwick location) with 1033 ACCR 200 °C conductor.
Supporting Statement:	The Bostwick - East Social Circle 230 kV line, currently the East Social Circle - East Watkinsville 230kV transmission line becomes overloaded under contingency.

In-Service Year:	2031
Project Name:	**EATONTON PRIMARY 115KV CAP BANK**
Description:	Install a 115kV capacitor bank at Eatonton Primary substation.
Supporting Statement:	This project addresses low voltage on buses along the Eatonton Primary - Lake Oconee 115kV transmission line under contingency.

In-Service Year:	2031
Project Name:	**GREENVILLE AREA SOLUTION**
Description:	Construct 230 kV ring bus at Greenville TS
Supporting Statement:	Provides additional operational and maintenance flexibility, which increases reliability.

In-Service Year:	2031
Project Name:	**GTC: GOSHEN - VOGTLE 230KV REBUILD**
Description:	Rebuild section of Goshen - Vogtle 230kV line.
Supporting Statement:	The Goshen - Vogtle 230kV line exceeds it's thermal rating due ot a contingency.

In-Service Year:	2031
Project Name:	**THOMSON PRIMARY 230/115-KV SECOND TRANSFORMER**
Description:	Install a second 300 MVA, 230/115kV transformer at Thomson Primary substation.
Supporting Statement:	This project addreses overloads under contingency on the Thomson Primary 230/115 kVauto transformer and the Evans Primary - Thomson Primary 115kV line.

In-Service Year:	2032
Project Name:	**AVERY - HOPEWELL 115KV RECONDUCTOR**
Description:	Reconductor approximately 3.3 miles of the Avery - Hopewell 115kV transmission line. Replace substation equipment along the section of the line with one that matches or surpasses the rating of the new conductor.
Supporting Statement:	The Avery - Hopewell 115kV transmission line becomes overloaded under contingency.

In-Service Year:	2032
Project Name:	**EVANS PRIMARY - THOMSON PRIMARY 115 KVTRANSMISSION LINE RECONDUCTOR PH**
Description:	Rebuild 5.28 miles of the existing 336 ACSR conductor for the Thomson Primary to Pumpkin Center 115 kV line section, part of the Evans Primary - Thomson Primary 115kV line with minimum 100 deg C 1351 ACSR Martin conductor. Replace jumpers at Thomson Primary substation with with higher rating.
Supporting Statement:	The Evans Primary-Thompson Primary 115kV transmission line overloads under contingency.

In-Service Year:	2033
Project Name:	**EATONTON PRIMARY - LAKE OCONEE 115KV LINE REBUILD**
Description:	Rebuild the ACSR 4/0 Penguin section with 795 ACSR conductor between North Eatonton Junction and Putnam Sawmill Junction.
Supporting Statement:	The Eatonton Primary-Lake Oconee 115kV line overloads under base case conditions.

In-Service Year:	2023
Project Name:	**ANDERSON 500 KV SUBSTATION**
Description:	Build new Anderson 500kV Substation and build Anderson 500/161 kV transformer.
Supporting Statement:	500/161 kV transformer in the area overloads under contingency.

In-Service Year:	2024
Project Name:	**ANDERSON 500KV SUBSTATION**
Description:	Construct a new 500kV substation across from the Bull Run FP. Looping in the Roane - BRF 500kV TL , terminating 4-161kV lines, and installing 4-1phase 500/161 transformers. A direct 161kV tie will be created between BRF and the Anderson 500kV Substation.
Supporting Statement:	Area 500/161 kV transformer overloads under contingency.

In-Service Year:	2024
Project Name:	**GALLATIN - CAIRO BEND 161 KV TRANSMISSION LINE**
Description:	Reconductor approximately 2.2 miles of the Gallatin - Cairo Bend 161 kV transmission line section with 954 ACSS at 150°C and upgrade terminal equipment to 440 MVA at Gallatin 161 kV.
Supporting Statement:	The Gallatin FP - Cairo Bend 161 kV transmission line section overloads under contingency.

In-Service Year:	2024
Project Name:	**PHIPPS BEND 500 KV SUBSTATION**
Description:	Rebuild structures with weathered steel in the Phipps Bend 500 and 161 kV yard.
Supporting Statement:	Steel structures in the Phipps Bend 500 kV and 161 kV yards are beginning to show signs of corrosion and will be replaced.

In-Service Year:	2025
Project Name:	**ALCOA SS – NIXON ROAD 161 KV TRANSMISSION LINE**
Description:	Rebuild approximately 12.0 miles of the Alcoa North – Nixon Road 161 kV transmission line with 1590 ACSR at 100°C and construct approximately 4.0 miles of new transmission line to create the Alcoa SS – Nixon Rd 161 kV #2 transmission line.
Supporting Statement:	The Alcoa Switching Station – Nixon Road 161 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**APALACHIA - BASIN RECONDUCTOR/UPRATE**
Description:	Reconductor the 8.4 miles of ACSR 477, replace a wave trap at Basin, and reset a CT at Apalachia.
Supporting Statement:	The Apalachia - Basin 161 kV transmission line overloads under contingency.

In-Service Year:	2025
Project Name:	**DICKSON 161 KV AREA IMPROVEMENT**
Description:	Construct approximately 19.5 miles of new 161 kV transmission line from Bon Aqua to Burns, construct approximately 4.3 miles new 161 kV double circuit into Dickson, and construct a new Locust Creek 161 kV Substation.
Supporting Statement:	Voltage support is needed in the Dickson, TN area under contingency.

In-Service Year:	2025
Project Name:	**ISLAND RD 138KV CAPACITOR BANK**
Description:	Construct the Island Road 138kV Substation with a minimum of a 81MVAR capacitor bank.
Supporting Statement:	Voltage support is needed in the North Bristol, TN area under contingency.

In-Service Year:	2025
Project Name:	**NORTH DAYTON 161 KV TRANSMISSION LINE**
Description:	Construct North Dayton 161 kV substation. Loop in Sequoyah - WBHP 161 kV transmission line into new substation by constructing approximately 27.0 miles of transmission line using 1351 ACSR.
Supporting Statement:	Additional thermal capacity and voltage support is needed in the North Dayton, TN area under contingency.

In-Service Year:	2025
Project Name:	**WILSON - LEBANON 161 KV TRANSMISSION LINE**
Description:	EDIT_Rebuild approximately 6.0 miles on the Wilson - Lebanon 161 kV transmission line with 636 ACSR at 100°C and upgrade terminal equipment to 230 MVA at Lebanon 161 kV substation.
Supporting Statement:	The Wilson - Lebanon 161 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**APALACHIA AREA IMPROVEMENT PLAN**
Description:	Construct Martin's Creek 161 kV substation. Construct approximately 25 miles of new TL from Apalachia 161 kV substation to Ranger 161 kV switching station.
Supporting Statement:	The Apalachia - Basin 161 kV transmission line overloads under contingency.

In-Service Year:	2026
Project Name:	**LIMESTONE - SEWELL 161 KV #2 TRANSMISSION LINE**
Description:	Construct approximately 2.1 miles of 161 kV transmission line with 2034 ACSR at 100°C on the existing Limestone - Sewell 161 kV double circuit towers.
Supporting Statement:	Additional thermal capacity and voltage support is needed in the Huntsville, AL area under contingency.

In-Service Year:	2026
Project Name:	**NORTH OAKLAND - COFFEEVILLE 161 KV TRANSMISSION LINE**
Description:	Construct approximately 18.0 miles of new 161 kV transmission line from North Oakland - Coffeeville using 954 ACSR at 100°C and upgrade terminal equipment to 472 MVA at Batesville 161 kV substation.
Supporting Statement:	Multiple 161 kV transmission lines overload under contingency.

In-Service Year:	2026
Project Name:	**PHILADELPHIA REACTOR**
Description:	Install three 27MVAR reactors at the Philadelphia 161kV Substation.
Supporting Statement:	Voltage support is needed in TVA's Mississippi area under contingency.

In-Service Year:	2027
Project Name:	**MIDWAY - S MACON - DEKALB 161 KV TRANSMISSION LINE**
Description:	Construct approximately 20 miles new 161 kV transmission line from Midway to S Macon and approximately 31.3 miles new 161 kV transmission line from S Macon to Dekalb via Scooba.
Supporting Statement:	Voltage support is needed in TVA's Mississippi area under contingency.

In-Service Year:	2028
Project Name:	**DAVIDSON 500 KV SWITCH HOUSE**
Description:	Construct a new 500 kV switch house with all new assets and replace aging assets in the Davidson Yard.
Supporting Statement:	Additional thermal capacity and voltage support is needed in the Davidson County, TN area under contingency.

In-Service Year:	2028
Project Name:	**LIMESTONE 500KV DOUBLE BREAKER AND LOOP**
Description:	Construct a double breaker station in the 500kV yard at Limestone and loop in the Browns Ferry - Maury 500kV TL.
Supporting Statement:	The Trinity 500/161kV transformer overloads under contingency.