

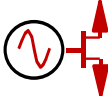
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Georgia Projects

**(Includes Georgia Integrated Transmission System
& Savannah Projects)**

2026 – 2035

Transmission  ***Planning***

Southern Company Services

FALL 2025



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I. GA INTEGRATED TRANSMISSION SYSTEM (ITS) EXECUTIVE SUMMARY

The results of the studies performed on the GA ITS demonstrate that required performance criteria are met, or a project or operating guide has been developed to address any identified system deficiencies.

A summary of Georgia ITS Transmission additions starts on the next page, followed by the list of the Georgia ITS 10-Year Expansion Plan Projects.

This group of projects and operating guides, found in Section IV ANALYSIS RESULTS, is reassessed annually to confirm continued need, timing, and scope for previously identified projects until projects have transitioned from planning to a committed project. These reassessments also identify any new potential projects needed or modification to projects currently included. Any operating guides identified to address constraints are reviewed by Georgia Power Company's Transmission Operations team. The transmission improvements are submitted to the ITS Participants for inclusion in the ITS parity process.

The following information is included for each project:

- 1) project justification,
- 2) implementation schedule (start date), and
- 3) expected required in-service date.

For transmission improvements, lead times necessary to implement plans are considered to ensure the expected required in-service date can be met.

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Summary of Georgia ITS Transmission Additions

Table 1 Summary of Georgia ITS Transmission Additions

	First 5 Years		Total 10 Years	
New Transmission Lines Requiring New Right-of-Way				
Voltage (kV)	Lines	Miles	Lines	Miles
500	11	405.6	14	579.6
230	35	279.15	39	413.15
115	7	69.8	8	76.8
Total	50	750	58	1,065
Transmission Lines to be Rebuilt / Reconductored on Existing Right-of Way				
Voltage (kV)	Lines	Miles	Lines	Miles
500	0	0	0	0
230	34	379.85	41	440.11
115	70	631.99	89	756.44
Total	103	1012	129	1197
Transmission Lines Upgraded on Existing Right-of Way*				
Voltage (kV)	Lines	Miles	Lines	Miles
500	0	0	0	0
230	0	0	1	6.3
115	3	22.5	3	22.5
Total	3	22.5	4	28.8
Transformers to be Installed (low side ≥ 115kV)				
	Units		Units	
New	36		39	
Upgrade	3		5	
New Capacitor Banks to be Installed				
Voltage (kV)	Units	MVAR	Units	MVAR
230	0	0	0	0
115	4	195	4	195

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	First 5 Years		Total 10 Years	
Total	4	195	4	195
New Series Reactors to be Installed				
Voltage (kV)	Units		Units	
230	3		3	
115	1		1	
New Static VAR Systems to be Installed				
Voltage (kV)	Units		Units	
230	1		1	
115	0		0	

*Includes voltage conversions

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A. Georgia ITS 10-Year Expansion Plan Projects List

Table 2 Georgia ITS 10-Year Plan Project List below briefly lists projects in the 10-Year Expansion Plan (details for each project are in later sections).

Table 2 Georgia ITS 10-Year Plan Project List

Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
201	2026	20509	CC - EMBLEM RIVERSIDE CUSTOMER SUB	3/1/2026	GPC	██████	██████	█	█	█	██████
216	2026	18691	GTC: LIZARD LOPE - WESTOVER 115kV NEW LINE	3/1/2026	GTC	██████	██████	██████	█	█	██████
208	2026	20018	CC - FAYETTEVILLE AREA TRANSMISSION NEEDS	4/1/2026	GPC	██████	█	█	█	█	██████
208	2026	19597	ADAMSVILLE - BUZZARD ROOST 230kV REBUILD AND JUMPER UPGRADE	6/1/2026	GPC	██████	██████	█	█	█	██████
214	2026	20767	ARKWRIGHT BUS AND JUMPER REPLACEMENT	6/1/2026	GPC	██████	█	█	█	█	██████
201	2026	21654	BIG SHANTY JUMPER AND BUS REPLACEMENT 230kV	6/1/2026	GPC	██████	█	█	█	█	██████
201	2026	18960	BLANKETS CREEK – WOODSTOCK 115kV LINE REBUILD	6/1/2026	GPC	██████	█	█	█	█	██████
214	2026	20512	BONAIRE PRIMARY - KATHLEEN 230kV LINE REBUILD	6/1/2026	GPC	██████	█	█	█	█	██████
218	2026	21249	BRUNSWICK – MCMANUS 115kV LINES RE-TERMINATION	6/1/2026	GPC	██████	█	█	█	█	██████
208	2026	20216	CC - STONEWALL TELL ROAD	6/1/2026	GPC	██████	█	█	█	█	██████
211	2026	18679	DU: EAST DALTON - OOSTANAULA 115kV REBUILD	6/1/2026	Dalton	█	█	█	██████	█	██████
211	2026	13188	DU: LOOPERS FARM - SOUTH DALTON 230kV NETWORK UPGRADES	6/1/2026	Dalton	█	█	█	██████	█	██████
208	2026	20491	EAST POINT RELAY MODERNIZATION	6/1/2026	GPC	██████	█	█	█	█	██████
215	2026	16007	FENWICK STREET - SAND BAR FERRY 115kV RECONDUCTOR	6/1/2026	GPC	██████	█	█	█	█	██████

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214	2026	19618	GORDON-N DUBLIN 115kV (GORDON-ENGL MCI J) REBUILD	6/1/2026	GPC	██████	██	██	██	██	██████
206	2026	20474	GRADY 230/115kV RELAY MODERNIZATION	6/1/2026	GPC	██████	██	██	██	██	██████
212	2026	19706	GRID-GAINESVILLE #2 230/115kV AUTO TRANSFORMERS REPLACEMENT	6/1/2026	GPC	██████	██	██	██	██	██████
206	2026	21701	GTC: CC - CORNISH MOUNTAIN - LAKE VARNER 230kV (NETWORK IMPROVEMENTS)	6/1/2026	GTC	██	██████	██	██	██	██████
213	2026	19598	GTC: DRESDEN JUMPER REPLACEMENT	6/1/2026	GTC	██	██████	██	██	██	██████
214	2026	19999	GTC: ROBINS SPRING 115kV BUS REPLACEMENT	6/1/2026	GTC	██	██████	██	██	██	██████
214	2026	20001	GTC: ROBINS SPRING 115kV CAPACITOR BANK INSTALLATION	6/1/2026	GTC	██	██████	██	██	██	██████
211	2026	19636	HAMMOND - WEISS DAM 115kV LINE REBUILD	6/1/2026	GPC	██████	██	██	██	██	██████
206	2026	20490	KLONDIKE RELAY MODERNIZATION	6/1/2026	GPC	██████	██	██	██	██	██████
214	2026	13787	MEAG: AULTMAN ROAD - BONAIRE PRIMARY 115kV REBUILD	6/1/2026	MEAG	██	██████	██████	██	██	██████
208	2026	20300	MORROW 115kV RELAY UPGRADE	6/1/2026	GPC	██████	██	██	██	██	██████
216	2026	18690	PALMYRA REACTOR REMOVAL	6/1/2026	GPC	██████	██	██	██	██	██████
219	2026	20066	SAV: BOULEVARD - DEPTFORD 115kV RECONDUCTOR	6/1/2026	SAV	██████	██	██	██	██	██████
219	2026	19966	SAV: CC - BIG OGEECHEE 500/230kV (NETWORK IMPROVEMENTS)	6/1/2026	SAV	██████	██	██	██	██	██████
214	2026	21309	SAW MILL ROAD - VIDALIA 115kV SWITCH REPLACEMENT	6/1/2026	GPC	██████	██	██	██	██	██████

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Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
206	2026	20489	SCOTTDALE RELAY MODERNIZATION	6/1/2026	GPC	██████	██	██	██	██	██████
208	2026	17900	UNION CITY - YATES 230kV (WHITE) LINE REBUILD	6/1/2026	GPC	██████	██	██	██	██	██████
208	2026	20691	UNION CITY - YATES 230kV (WHITE) SWITCH AND TRAP REPLACEMENT	6/1/2026	GPC	██████	██	██	██	██	██████
208	2026	21022	OHARA 115kV BREAKER REPLACEMENT	10/1/2026	GPC	██████	██	██	██	██	██████
208	2026	20668	OHARA LINE PROTECTIVE RELAYING REPLACEMENT	12/1/2026	GPC	██████	██	██	██	██	██████
208	2026	20273	GTC: DRESDEN 500kV BUS EXPANSION	12/1/2026	GTC	██	██████	██	██	██	██████
214	2026	20002	GTC: GORDON - SANDERSVILLE #1 115kV LINE REBUILD	12/1/2026	GTC	██	██████	██	██	██	██████
213	2026	19334	GTC: LAGRANGE - NORTH OPELIKA 230 kV NEW LINE	12/1/2026	GTC	██████	██████	██	██	██	██████
208	2026	21174	WANSLEY RELAY WORK AND NEW FIBER	12/1/2026	GPC	██████	██	██	██	██	██████
212	2026	20326	ANTHONY SHOALS STATCOM SYSTEM	12/31/2026	GPC	██████	██	██	██	██	██████
213	2026	18979	BARTLETTS FERRY 1-4 REPLACEMENT SUB	12/31/2026	GPC	██████	██	██	██	██	██████
211	2026	20151	CC - CASS PINE 230/25kV NEW SUB - IMPROVEMENTS	12/31/2026	GPC	██████	██	██████	██	██	██████
201	2026	20243	CC - GARRETT ROAD 230kV SS (NETWORK IMPROVEMENTS)	12/31/2026	GPC	██████	██	██	██	██	██████
208	2026	19363	MORROW - MOUNTAIN VIEW 115 kV REBUILD	12/31/2026	GPC	██████	██	██	██	██	██████
213	2027	18832	MEAG: FORTSON SUBSTATION MODERNIZATION	1/13/2027	MEAG	██████	██████	██████	██	██	██████
208	2027	21573	JONESBORO - MORROW RELAY PROTECTION UPGRADE	3/1/2027	GPC	██████	██	██	██	██	██████

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214	2027	21575	OLIVER DAM & BULL CREEK 115kV PROTECTION RELAY UPGRADE	3/1/2027	GPC	██████	██	██	██	██	██████
211	2027	19635	GTC: HICKORY LEVEL - VILLA RICA 230kV LINE RECONDUCTOR	5/1/2027	GTC	██████	██████	██	██	██	██████
208	2027	19601	MORROW - YATES COMMON 115kV REBUILD	5/1/2027	GPC	██████	██████	██	██	██	██████
214	2027	21047	BROADWAY - ECHECONNIE 115kV LINE RECONDUCTOR	6/1/2027	GPC	██████	██	██	██	██	██████
208	2027	20771	CC - GULLATT ROAD TRANSMISSION IMPROVEMENTS	6/1/2027	GPC	██████	██	██	██	██	██████
211	2027	20150	CC - HILL VIEW & GRASSY HOLLOW SUB - IMPROVEMENTS	6/1/2027	GPC	██████	██	██	██	██	██████
208	2027	21332	CC - PROJECT SPEEDWAY (NETWORK IMPROVEMENTS)	6/1/2027	GPC	██████	██	██	██	██	██████
208	2027	18736	CC - SHUGART (NETWORK IMPROVEMENTS)	6/1/2027	GPC	██████	██████	██████	██	██	██████
201	2027	20781	CC - SUMMER LAKE - VILLA RICA 230kV REBUILD (IMPROVEMENTS)	6/1/2027	GPC	██████	██	██	██	██	██████
208	2027	20736	CC - TA REALTY ELLENWOOD NETWORK IMPROVEMENTS	6/1/2027	GPC	██████	██	██	██	██	██████
201	2027	20858	GTC: ADAMSVILLE - BUZZARD ROOST 230kV REBUILD	6/1/2027	GTC	██	██████	██	██	██	██████
201	2027	20776	GTC: DOUGLASVILLE - VILLA RICA 230kV REBUILD (CC NET IMPRVT)	6/1/2027	GTC	██	██████	██	██	██	██████
212	2027	20778	GTC: DOYLE - WINDER PRIMARY 230kV LINE JUMPER REPLACEMENT	6/1/2027	GTC	██	██████	██	██	██	██████
216	2027	19358	GTC: EAST MOULTRIE - HIGHWAY 37 230kV LINE	6/1/2027	GTC	██████	██████	██████	██	██	██████
212	2027	09662	GTC: EAST WALTON 500/230kV PROJECT	6/1/2027	GTC	██████	██████	██████	██	██	██████

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201	2027	20505	GTC: GARRETT RD - V. RICA 230kV LINE RECONDUCTOR (NETWORK IMPROV)	6/1/2027	GTC	■	■	■	■	■	■
208	2027	21284	GTC: JACKSON 115kV BUS AND JUMPER UPGRADES	6/1/2027	GTC	■	■	■	■	■	■
212	2027	20015	GTC: MORNING HORNET 2ND 230/115 kV BANK & STANTON SP 115kV	6/1/2027	GTC	■	■	■	■	■	■
214	2027	19622	GTC: RIDDLEVILLE 115kV BUS REPLACEMENT	6/1/2027	GTC	■	■	■	■	■	■
206	2027	19606	GTC: SKC 115kV BUS AND JUMPER REPLACEMENT	6/1/2027	GTC	■	■	■	■	■	■
201	2027	20506	GTC: SWITCH WAY - THORNTON ROAD 230kV LINE REBUILD	6/1/2027	GTC	■	■	■	■	■	■
218	2027	18668	JESUP - OFFERMAN 115kV REBUILD	6/1/2027	GPC	■	■	■	■	■	■
202	2027	10481	LAWRENCEVILLE - WINDER PRIMARY 230kV LINE REBUILD	6/1/2027	GPC	■	■	■	■	■	■
208	2027	21528	LINE CREEK 115kV BREAKER REPLACEMENTS	6/1/2027	GPC	■	■	■	■	■	■
208	2027	21283	LLOYD SHOALS: REMOVE LIMITING ELEMENTS ON 115kV	6/1/2027	GPC	■	■	■	■	■	■
202	2027	21688	MEAG: LAWRENCEVILLE #3 BUS AND JUMPER REPLACEMENT	6/1/2027	MEAG	■	■	■	■	■	■
215	2027	20270	MEAG: RAY PLACE RD - WASHINGTON 115kV LINE REBUILD	6/1/2027	MEAG	■	■	■	■	■	■
215	2027	20271	MEAG: RAY PLACE RD - WASHINGTON (WASHNGTN - WASHNGTN 3) 115kV	6/1/2027	MEAG	■	■	■	■	■	■
215	2027	20264	MEAG: RAY PLACE RD - WARRENTON PRIMARY 115kV RECONDUCTOR	6/1/2027	MEAG	■	■	■	■	■	■
214	2027	21093	CC: NORTH SPA 230kV (NETWORK IMPROVEMENTS)	6/1/2027	GPC	■	■	■	■	■	■

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214	2027	19248	SANDERSVILLE #1 - WADLEY PRI. 115kV REBUILD/RECONDUCTOR	6/1/2027	GPC	██████	██████	██████	██	██	██████
219	2027	20785	SAV: GOSHEN (SAV) - KRAFT 115kV LINE REBUILD	6/1/2027	SAV	██████	██	██	██	██	██████
214	2027	20768	SOUTH MACON 115kV BUSES 1 & 2 REPLACEMENT	6/1/2027	GPC	██████	██	██	██	██	██████
214	2027	18573	GRID: ARKWRIGHT - LLOYD SHOALS 115kV LINE REBUILD	7/30/2027	GPC	██████	██	██	██	██	██████
208	2027	20717	CC - TOMOCHICHI 500/230kV SOLUTION (NETWORK IMPROVEMENTS)	9/15/2027	GPC	██████	██	██	██	██	██████
214	2027	20591	GTC: GLENWOOD SPRINGS - LICK CREEK 115kV REBUILD	12/1/2027	GTC	██	██████	██	██	██	██████
212	2027	17977	ATHENA - EAST WATKINSVILLE 115 kV REBUILD	12/31/2027	GPC	██████	██	██	██	██	██████
206	2027	21526	GRADY 115kV BREAKER REPLACEMENTS	12/31/2027	GPC	██████	██	██	██	██	██████
218	2027	18624	JESUP - WEST BRUNSWICK 115 kV REBUILD	12/31/2027	GPC	██████	██	██	██	██	██████
214	2028	21421	GORDON OVERSTRESSED 115kV BREAKER REPLACEMENT	5/15/2028	GPC	██████	██	██	██	██	██████
213	2028	21287	BARTLETTS FERRY - BACKWATER TAP 115kV REBUILD	6/1/2028	GPC	██████	██	██	██	██	██████
208	2028	21580	BIG SOUTH GRIFFIN - TOMOCHICHI 230kV NEW LINE	6/1/2028	GPC	██████	██	██	██	██████	██████
211	2028	21292	CARTERSVILLE - EMERSON 230kV LINE REBUILD	6/1/2028	GPC	██████	██	██████	██	██	██████
214	2028	21419	CC - DEER CREEK 500/230kV SOLUTION (NETWORK IMPROVEMENTS)	6/1/2028	GPC	██████	██	██	██	██	██████
201	2028	20797	CC - EAST VILLA RICA AREA SWITCHING STATION (IMPROVEMENTS)	6/1/2028	GPC	██████	██	██	██	██	██████
211	2028	20774	CC - VILLA RICA UPGRADES (CC NETWORK IMPROVEMENTS)	6/1/2028	GPC	██████	██	██	██	██	██████

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Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
213	2028	21324	CORN CRIB - LAGRANGE 115kV REBUILD	6/1/2028	GPC	██████	██	██	██	██	██████
211	2028	20024	DYER ROAD - EAST ROANOKE 115kV REBUILD	6/1/2028	GPC	██████	██	██	██	██	██████
214	2028	21048	FITZGERALD - PITTS 115kV LINE REBUILD	6/1/2028	GPC	██████	██████	██████	██	██	██████
216	2028	20503	GTC: BARNEYVILLE - EAST MOULTRIE 115kV NEW LINE	6/1/2028	GTC	██████	██████	██	██	██	██████
212	2028	19992	GTC: BOSTWICK - EAST SOCIAL CIRCLE 230kV RECONDUCTOR	6/1/2028	GTC	██	██████	██	██	██	██████
211	2028	21695	GTC: CC - BOBCAT PROJECT (NETWORK IMPROVEMENTS)	6/1/2028	GTC	██	██████	██	██	██	██████
208	2028	21282	GTC: MCDONOUGH - SOUTH GRIFFIN 115kV REBUILD	6/1/2028	GTC	██████	██████	██	██	██	██████
208	2028	21567	GTC: NEW HAMPTON 230/115kV SUB	6/1/2028	GTC	██	██████	██	██	██	██████
214	2028	21345	GTC: SMARR 500kV TRANSMISSION SERVICE	6/1/2028	GTC	██████	██████	██	██	██	██████
211	2028	21274	HAMMOND 230 & 115kV REACTORS	6/1/2028	GPC	██████	██	██	██	██	██████
208	2028	21566	HAMPTON AREA 115 TO 230kV LINE CONVERSIONS	6/1/2028	GPC	██████	██	██	██	██	██████
208	2028	21582	HAMPTON - HILLS BRIDGE 230kV NEW LINE	6/1/2028	GPC	██████	██████	██	██	██████	██████
208	2028	21674	HILLS BRIDGE - SOUTH COWETA 230kV NEW LINE	6/1/2028	GPC	██████	██████	██	██	██████	██████
208	2028	21605	LINE CREEK TERMINAL EQUIPMENT REPLACEMENT	6/1/2028	GPC	██████	██	██	██	██	██████
206	2028	21141	LLOYD SHOALS - PORTERDALE PRIMARY 115kV REBUILD	6/1/2028	GPC	██████	██	██	██	██	██████
208	2028	21581	MCDONOUGH - TOMOCHICHI 230kV NEW LINE	6/1/2028	GPC	██████	██	██	██	██████	██████
208	2028	21568	MEAG: BIG SOUTH GRIFFIN 230/115kV SUBSTATION	6/1/2028	MEAG	██████	██████	██████	██	██	██████

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216	2028	19629	MEAG: BRUMBLEY CREEK - SOUTH BAINBRIDGE 115kV REBUILD	6/1/2028	MEAG	■	■	■	■	■	■
216	2028	19630	MEAG: THOMASVILLE 230/115kV AUTO TRANSFORMER REPLACEMENT	6/1/2028	MEAG	■	■	■	■	■	■
208	2028	21279	MORROW: REMOVE LIMITING ELEMENTS ON AUTO TRANSFORMER A	6/1/2028	GPC	■	■	■	■	■	■
213	2028	20482	PITTMAN ROAD - WEST POINT DAM (USA) 115kV REBUILD	6/1/2028	GPC	■	■	■	■	■	■
208	2028	20656	PLANT YATES SUBSTATION REBUILD	6/1/2028	GPC	■	■	■	■	■	■
206	2028	21319	RAINBOW DRIVE AREA CAPACITOR	6/1/2028	GPC	■	■	■	■	■	■
219	2028	20783	SAV: COLEMAN - DEAN FOREST 115kV LINE REBUILD	6/1/2028	SAV	■	■	■	■	■	■
219	2028	20065	SAV: GOSHEN (SAV) - MCINTOSH 115kV LINE REBUILD	6/1/2028	SAV	■	■	■	■	■	■
201	2028	21069	SMART VALVES AT EAST VILLA RICA SWITCHING STATION	6/1/2028	GPC	■	■	■	■	■	■
208	2028	20274	UNION CITY - YATES 230kV (BLACK) LINE REBUILD	6/1/2028	GPC	■	■	■	■	■	■
211	2028	21179	BOWEN NETWORK UPGRADES	9/1/2028	GPC	■	■	■	■	■	■
219	2028	21275	SAV: MCINTOSH 230 kV BREAKER CONTROL RELAY UPGRADES	11/1/2028	SAV	■	■	■	■	■	■
219	2028	20989	SAV: RICE HOPE NEW AUTO TRANSFORMER 230/115kV	11/1/2028	SAV	■	■	■	■	■	■
219	2028	21257	SAV: WEST MCINTOSH REPLACE 230kV LS BREAKERS	11/1/2028	SAV	■	■	■	■	■	■
213	2028	13166	FIRST AVENUE - NORTH COLUMBUS 115kV LINE REBUILD	12/1/2028	GPC	■	■	■	■	■	■
208	2028	19788	OHARA 115kV: TARGETED EQUIPMENT REPLACEMENT	12/31/2028	GPC	■	■	■	■	■	■

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208	2029	21533	GTC: UNION CITY PRIMARY 230kV BREAKER REPLACEMENTS	4/1/2029	GTC	█	██████	█	█	█	██████
213	2029	19958	AMERICUS - THRILL HILL 115kV REBUILD	6/1/2029	GPC	██████	██████	█	█	█	██████
208	2029	21062	ASHLEY PARK-WANSLEY 500kV	6/1/2029	GPC	██████	█	█	█	█	██████
216	2029	21063	BIG TAZEWELL - PLANT FARLEY (APC) 500kV LINE	6/1/2029	GPC	██████	█	█	█	█	██████
206	2029	21293	BOULEVARD - VIRGINIA AVENUE 230kV LINE REBUILD	6/1/2029	GPC	██████	█	█	█	█	██████
201	2029	21036	BUZZARD ROOST - FACTORY SHOALS 230kV NEW LINE	6/1/2029	GPC	██████	█	█	█	█	██████
206	2029	21142	CONYERS - KLONDIKE 230kV SECOND LINE	6/1/2029	GPC	██████	█	█	█	█	██████
208	2029	21628	EAST POINT - MORROW 115kV LIMITING ELEMENTS REMOVAL	6/1/2029	GPC	██████	█	█	█	█	██████
213	2029	21128	GOAT ROCK REACTORS INSTALLATION	6/1/2029	GPC	██████	█	█	█	█	██████
206	2029	21139	GRADY - MORROW (WHITE) 115kV REBUILD	6/1/2029	GPC	██████	█	█	█	█	██████
218	2029	21428	GRID - OFFERMAN-THALMANN (BLACK) 230kV	6/1/2029	GPC	██████	█	█	█	█	██████
218	2029	21429	GRID - OFFERMAN-THALMANN (WHITE) 230kV	6/1/2029	GPC	██████	█	█	█	█	██████
213	2029	08458	GTC: BARNESVILLE - BIG SOUTH GRIFFIN 230kV PROJECT	6/1/2029	GTC	█	██████	██████	█	█	██████
213	2029	21112	GTC: BARNESVILLE PRIMARY - THOMASTON 230kV	6/1/2029	GTC	██████	██████	██████	█	█	██████
202	2029	10814	GTC: BAY CREEK 230/115kV SECOND AUTO TRANSFORMER	6/1/2029	GTC	█	██████	█	█	█	██████
216	2029	21076	GTC: BIG TAZEWELL - TALBOT COUNTY 500kV LINE	6/1/2029	GTC	█	██████	█	█	█	██████
201	2029	21610	GTC: BUZZARD ROOST - THORNTON ROAD 230kV REBUILD	6/1/2029	GTC	█	██████	█	█	█	██████

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212	2029	20773	GTC: CLARKSBORO - WINDER PRIMARY 230kV REBUILD	6/1/2029	GTC	■	■	■	■	■	■
201	2029	20849	GTC: CLIFTONDALE - LINE CREEK 230kV LINE	6/1/2029	GTC	■	■	■	■	■	■
211	2029	21034	GTC: DAWSON CROSSING - NELSON (BLACK) 115kV REBUILD	6/1/2029	GTC	■	■	■	■	■	■
213	2029	19950	GTC: DRESDEN - TALBOT 500kV LINE	6/1/2029	GTC	■	■	■	■	■	■
213	2029	21523	GTC: DRESDEN 230kV BREAKER REPLACEMENTS	6/1/2029	GTC	■	■	■	■	■	■
208	2029	21594	GTC: OHARA - SOUTH GRIFFIN 230kV LINE RECONDUCTOR	6/1/2029	GTC	■	■	■	■	■	■
213	2029	21700	GTC: TALBOT COUNTY 500/230kV CONVERSION	6/1/2029	GTC	■	■	■	■	■	■
201	2029	21123	GTC: TENASKA - WANSLEY 500kV NEW LINE	6/1/2029	GTC	■	■	■	■	■	■
211	2029	21051	HICKORY LEVEL - POST RD 115kV REBUILD	6/1/2029	GPC	■	■	■	■	■	■
216	2029	20284	KETTLE CREEK PRIMARY - PINE GROVE PRIMARY 115kV REBUILD	6/1/2029	GPC	■	■	■	■	■	■
212	2029	19621	MCEVER ROAD - SHOAL CREEK 115kV REBUILD	6/1/2029	GPC	■	■	■	■	■	■
214	2029	17706	MEAG: AULTMAN ROAD - FORT VALLEY #1 115kV REBUILD	6/1/2029	MEAG	■	■	■	■	■	■
216	2029	11051	MEAG: SLAPPEY DRIVE - WESTOVER 115kV LINE REBUILD	6/1/2029	MEAG	■	■	■	■	■	■
208	2029	21529	MORROW 115kV BREAKER REPLACEMENTS	6/1/2029	GPC	■	■	■	■	■	■
202	2029	20757	NORCROSS - NORTH DRUID HILLS 115kV REBUILD	6/1/2029	GPC	■	■	■	■	■	■
211	2029	15879	POSSUM BRANCH - YATES COMMON 115kV REBUILD (YATES TO CLEM)	6/1/2029	GPC	■	■	■	■	■	■

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219	2029	20407	SAV: BOULEVARD - MAGNOLIA - TRUMAN PARKWAY 115kV REBUILDS	6/1/2029	SAV	████████	██	██	██	██	████████
219	2029	20784	SAV: COLEMAN - MELDRIM 115kV LINE REBUILD	6/1/2029	SAV	████████	██	██	██	██	████████
219	2029	21023	SAV: DEAN FOREST - LITTLE OGEECHEE 230kV REBUILD	6/1/2029	SAV	████████	██	██	██	██	████████
219	2029	20787	SAV: LITTLE OGEECHEE 230/115kV AUTO TRANSFORMER REPLACEMENT	6/1/2029	SAV	████████	██	██	██	██	████████
213	2029	16887	THOMASTON 230kV NETWORK AREA IMPROVEMENT	6/1/2029	GPC	████████	██████	██	██	██	████████
206	2029	21296	VIRGINIA AVENUE - WABASH AVENUE 230kV LINE REBUILD	6/1/2029	GPC	████████	██	██	██	██	████████
208	2029	21160	ASHLEY PARK 500kV BREAKERS INSTALLATION	6/1/2029	GPC	████████	██	██	██	██	████████
214	2029	21699	GTC: EASTMAN PRIMARY 230/115kV AUTO TRANSFORMER REPLACEMENT	12/1/2029	GTC	██	██████	██	██	██	████████
214	2029	21073	GTC: RUM CREEK - TOMOCHICHI (BLACK) 500kV LINE	12/1/2029	GTC	████████	██████	██	██	██	████████
216	2030	21679	ALBANY PRIMARY - PALMYRA 115kV NEW LINE	6/1/2030	GPC	████████	██	██	██	██	████████
201	2030	21655	BIG SHANTY 500/230kV SINGLE PHASE AUTO (SPARE)	6/1/2030	GPC	████████	██	██	██	██	████████
211	2030	21497	BOWEN - JUDY MOUNTAIN 230kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████
211	2030	16903	BOWEN-BRANDON FARM RD 230kV REBUILD	6/1/2030	GPC	██████	██	██	██	██	██████
214	2030	21625	BROADWAY - ECHECONNIE 115kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████
214	2030	21096	BROADWAY-SOUTH MACON 115kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████
201	2030	21098	BUZZARD ROOST- TRIBUTARY 230kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████

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211	2030	21496	CAVENDER DRIVE - WANSLEY 500kV LINE	6/1/2030	GPC	████████	████████	██	██	██	████████
212	2030	21130	CC - NORTH GEORGIA DATA NETWORK UPGRADES (GPC)	6/1/2030	GPC	████████	██	██	██	██	████████
212	2030	10478	CORNELIA - TALLULAH LODGE 115kV REBUILD	6/1/2030	GPC	████████	████████	██	██	██	████████
212	2030	18669	DU: DAWSON CROSSING - NELSON (WHITE) 115 kV REBUILD	6/1/2030	Dalton	████████	████████	██	████████	██	████████
201	2030	21097	EAST POINT - TRIBUTARY 230kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████
208	2030	21525	EAST POINT 230kV BREAKER REPLACEMENTS	6/1/2030	GPC	████████	██	██	██	██	████████
208	2030	21304	EAST POINT SWITCH REPLACEMENT	6/1/2030	GPC	████████	██	██	██	██	████████
214	2030	19627	ECHECONNIE-WELLSTON 115kV LINE REBUILD	6/1/2030	GPC	████████	████████	██	██	██	████████
214	2030	20298	GLENWOOD SPRINGS - LAKE OCONEE 115kV LINE REBUILD	6/1/2030	GPC	████████	████████	██	██	██	████████
215	2030	19996	GOLDENS CREEK - WARRENTON PRIMARY 230kV REBUILD	6/1/2030	GPC	████████	██	██	██	██	████████
214	2030	21140	GTC: BONAIRE PRIMARY - EASTMAN PRIMARY 115kV LINE REBUILD	6/1/2030	GTC	████████	████████	██	██	██	████████
201	2030	21620	GTC: BUZZARD ROOST - ROCKHOUSE RD 230kV REBUILD	6/1/2030	GTC	██	████████	██	██	██	████████
201	2030	21013	GTC: CAVENDER DRIVE 500/230kV AUTO TRANSFORMER	6/1/2030	GTC	██	████████	██	██	██	████████
201	2030	21271	GTC: DOUGLASVILLE - EAST VILLA RICA SS 230kV REBUILD	6/1/2030	GTC	██	████████	██	██	██	████████
208	2030	21261	GTC: DYER ROAD - SOUTH COWETA 115kV REBUILD PHASE 1	6/1/2030	GTC	████████	████████	██	██	██	████████
212	2030	20375	GTC: EAST WATKINSVILLE 230 kV REACTOR REPLACEMENT	6/1/2030	GTC	██	████████	██	██	██	████████

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212	2030	21113	GTC: CASH CREEK - HARTWELL ENERGY 230kV LINE	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
211	2030	21527	GTC: HEARD COUNTY 500kV BREAKER REPLACEMENTS	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
214	2030	20428	GTC: GORDON-SANDERSVILLE #1 115kV LINE REBUILD (DEEPSTEP-SAND #6)	6/1/2030	GTC	■	■■■■■	■■■■■	■	■	■■■■■
212	2030	21131	GTC: POND FORK - MIDWAY 115kV LINE	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
214	2030	21077	GTC: ROCKVILLE - MINK CREEK - WARTHEN 500kV LINES	6/1/2030	GTC	■■■■■	■■■■■	■	■	■	■■■■■
201	2030	21014	GTC: THORNTON RD- CAVENDER DRIVE 230kV NEW LINE	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
208	2030	21322	GTC: UNION CITY LINE TRAP UPGRADE	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
208	2030	21298	GTC: YATES - LINE CREEK 230kV (GREEN) REBUILD	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
208	2030	21321	GTC: YATES - LINE CREEK 230kV (RED) REBUILD	6/1/2030	GTC	■	■■■■■	■	■	■	■■■■■
212	2030	21111	HARTWELL DAM - HARTWELL ENERGY 230kV SERIES REACTORS	6/1/2030	GPC	■■■■■	■	■	■	■	■■■■■
214	2030	12680	KATHLEEN - PERRY 115kV LINE REBUILD	6/1/2030	GPC	■■■■■	■	■	■	■	■■■■■
213	2030	21326	KIA MOTORS - PITTMAN RD 115kV LINE REBUILD	6/1/2030	GPC	■■■■■	■	■	■	■	■■■■■
202	2030	10143	LAWRENCEVILLE - WINDER 115kV LINE REBUILD	6/1/2030	GPC	■■■■■	■	■	■	■	■■■■■
208	2030	21379	LINE CREEK 230kV IPO BREAKER UPGRADES	6/1/2030	GPC	■■■■■	■	■	■	■	■■■■■
215	2030	21118	MEAG: ATHENA - WARRENTON 230kV CONVERSION	6/1/2030	MEAG	■■■■■	■■■■■	■■■■■	■	■	■■■■■
213	2030	21289	MEAG: FORTSON - TALBOT CO #2 230kV REBUILD	6/1/2030	MEAG	■	■	■■■■■	■	■	■■■■■
215	2030	21116	MEAG: GOSHEN AREA STRATEGIC SOLUTION	6/1/2030	MEAG	■■■■■	■■■■■	■■■■■	■	■	■■■■■

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201	2030	21530	SWITCH WAY 230kV BREAKER REPLACEMENTS	6/1/2030	GPC	██████	██	██	██	██	██████
212	2030	19995	TALLULAH LODGE - TOCCOA 115kV REBUILD	6/1/2030	GPC	██████	██	██	██	██	██████
215	2030	21656	THOMSON PRIMARY 500/230kV SECOND TRANSFORMER	6/1/2030	GPC	██████	██	██	██	██	██████
208	2030	21515	WANSLEY OVERSTRESSED 500kV BREAKER REPLACEMENTS	6/1/2030	GPC	██████	██	██	██	██	██████
214	2030	21624	WARTHEN 500kV SUBSTATION RECONFIGURATION	6/1/2030	GPC	██████	██	██	██	██	██████
201	2030	20761	ATKINSON - TILFORD YARDS 115kV REBUILD	12/1/2030	GPC	██████	██	██	██	██	██████
216	2030	18848	BAINBRIDGE TRANSMISSION: EAST RIVER ROAD, EAST BAINBRIDGE	12/31/2030	GPC	██████	██	██	██	██	██████
214	2030	19626	GLENWOOD SPRINGS 115kV CAP BANK	12/31/2030	GPC	██████	██	██	██	██	██████
213	2031	21328	BARNESVILLE AREA 115kV NETWORK SOLUTION	6/1/2031	GPC	██████	██	██████	██	██	██████
201	2031	21270	BIG SHANTY 500kV BREAKER	6/1/2031	GPC	██████	██	██	██	██	██████
211	2031	10811	BOWEN #10 500/230kV AUTO TRANSFORMER REPLACEMENT	6/1/2031	GPC	██████	██	██	██	██	██████
215	2031	21641	DUM JON - SOUTH AUGUSTA 230kV LINE	6/1/2031	GPC	██████	██	██	██	██	██████
212	2031	12120	GAINESVILLE #2 - MCEVER ROAD 115kV REBUILD	6/1/2031	GPC	██████	██████	██	██	██	██████
214	2031	21618	GTC: ACHORD ROAD - NORTH DUBLIN 115kV LINE	6/1/2031	GTC	████	██████	██	██	██	██████
202	2031	19632	GTC: AVERY - HOPEWELL 115kV RECONDUCTOR	6/1/2031	GTC	██	██████	██	██	██	██████
214	2031	19610	GTC: BONAIRE PRIMARY - ECHECONNIE 115kV LINE	6/1/2031	GTC	██	██████	██	██	██	██████
208	2031	21626	GTC: DRESDEN JUMPER REPLACEMENT	6/1/2031	GTC	██	██████	██	██	██	██████

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Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
206	2031	21616	GTC: OLA - PORTERDALE 115kV REBUILD	6/1/2031	GTC	█	██████	█	█	█	██████
215	2031	20756	HATCH - WADLEY 500 kV LINE STRATEGIC PROJECT	6/1/2031	GPC	██████	█	██████	█	█	██████
214	2031	21099	MEAG: PIO NONO 230/115kV AREA SOLUTION	6/1/2031	MEAG	██████	██████	██████	█	█	██████
214	2031	21675	NORTH TIFTON - PITTS 230kV LINE REBUILD	6/1/2031	GPC	██████	█	██████	█	█	██████
213	2031	13040	PITTMAN RD - WEST POINT (APC) 115kV REBUILD	6/1/2031	GPC	██████	█	██████	█	█	██████
219	2031	21297	SAV: GOSHEN (SAV) - KRAFT 115kV LINE REBUILD	6/1/2031	SAV	██████	█	█	█	█	██████
208	2031	21516	SPC: WANSLEY 500kV BREAKER REPLACEMENTS	12/1/2031	GPC	██████	█	█	█	█	██████
201	2031	21517	TENASKA 500kV BREAKER REPLACEMENTS	12/1/2031	GPC	██████	█	█	█	█	██████
202	2031	20248	BAY CREEK - CONYERS 230kV REBUILD	12/31/2031	GPC	██████	█	█	█	█	██████
208	2032	21598	ADAMSVILLE - EASTPOINT 230kV UPGRADE AND LIM ELEMENTS REPLACEMENT	6/1/2032	GPC	██████	█	█	█	█	██████
201	2032	20764	ATKINSON - NORTHSIDE DRIVE 115kV REBUILD	6/1/2032	GPC	██████	█	█	█	█	██████
208	2032	21262	GTC: DYER ROAD - SOUTH COWETA 115kV REBUILD PHASE 2	6/1/2032	GTC	█	██████	█	█	█	██████
211	2032	14681	JUDY MOUNTAIN - ROME 115kV LINE REBUILD	6/1/2032	GPC	██████	█	█	█	█	██████
202	2033	20758	BAY CREEK - CONYERS 230kV LIMITING ELEMENT REPLACEMENT	6/1/2033	GPC	██████	██████	█	█	█	██████
212	2033	09661	CASH CREEK - MCGRADY FORD 500kV NEW LINE	6/1/2033	GPC	██████	█	█	█	█	██████
208	2033	21335	EAST POINT - MOUNTAIN VIEW 115kV REBUILD	6/1/2033	GPC	██████	█	█	█	█	██████

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Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
212	2033	21075	GTC: CASH CREEK - EAST WALTON 500kV NEW LINE	6/1/2033	GTC	■	■	■	■	■	■
212	2033	12217	GTC: CENTER PRIMARY - CLARKSBORO 230kV REBUILD	6/1/2033	GTC	■	■	■	■	■	■
212	2033	12147	GTC: EAST SOCIAL CIRCLE - SNELLVILLE 230kV EQUIPMENT UPGRADE	6/1/2033	GTC	■	■	■	■	■	■
212	2033	20791	GTC: SHOAL CREEK - SOUTH HALL 230kV REBUILD	6/1/2033	GTC	■	■	■	■	■	■
212	2033	21053	MCEVER ROAD - SHOAL CREEK 115kV REBUILD	6/1/2033	GPC	■	■	■	■	■	■
219	2033	20796	SAV: MELDRIM 230/115kV AUTO TRANSFORMER D REPLACEMENT	6/1/2033	SAV	■	■	■	■	■	■
202	2033	20759	WINDER PRIMARY 230kV BREAKER INSTALLATION	6/1/2033	GPC	■	■	■	■	■	■
216	2033	10487	PINE GROVE PRIMARY - WEST VALDOSTA 115 kV RECONDUCTOR	12/31/2033	GPC	■	■	■	■	■	■
202	2034	21301	BULL SLUICE - POWERS FERRY 230kV LINE REBUILD	6/1/2034	GPC	■	■	■	■	■	■
202	2034	21291	GTC: CUMMING - DAWSON CROSSING 115kV LINE REBUILD	6/1/2034	GTC	■	■	■	■	■	■
211	2034	21268	HOLLY SPRINGS PRIMARY - NELSON 115kV REBUILD	6/1/2034	GPC	■	■	■	■	■	■
219	2035	21300	SAV: MELDRIM NEW 230/115kV AUTOTRANSFORMER	4/15/2035	SAV	■	■	■	■	■	■
208	2035	20690	EAST POINT - UNION CITY (WHITE) 230kV REBUILD	5/1/2035	GPC	■	■	■	■	■	■
206	2035	21295	DECATUR - SCOTTDAL 115kV LINE JUMPER REPL	6/1/2035	GPC	■	■	■	■	■	■
208	2035	21303	EAST POINT - MORROW 115kV REBUILD	6/1/2035	GPC	■	■	■	■	■	■

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Zone	Year	TEAMS Number	Project Name	Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
201	2035	21269	GTC: AVERY - HOLLY SPRINGS 115kV REBUILD	6/1/2035	GTC	■	■	■	■	■	■
Total		255				■	■	■	■	■	■

B. Cancelled Projects List – Removed from the Current 10-Year Expansion Plan

Table 3 Cancelled Projects – Removed from the Current Ten-Year Plan below briefly lists removed projects from previous year’s 10-Year Expansion Plan.

Table 3 Cancelled Projects – Removed from the Current Ten-Year Plan

Zone	TEAMS	Project Name	Last Year’s Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost – GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost – ITS Assigned	Totals
206	21137	GTC: CONYERS - CORNISH MOUNTAIN 115kV LINE UPGRADE	6/1/2026	GTC	■	■	■	■	■	■
216	20223	CC - PROJECT PAYTON BAINBRIDGE	6/30/2026	GPC	■	■	■	■	■	■
213	20874	GTC: BARNESVILLE PRIMARY-BARNESVILLE #1 115kV RECONDUCTOR	12/1/2026	GTC	■	■	■	■	■	■
206	19287	GRADY-WEST END 115kV REBUILD	12/31/2026	GPC	■	■	■	■	■	■
212	20234	DOYLE - LG&E MONROE 230kV - JACKS CREEK LOOP IN	6/1/2027	GPC	■	■	■	■	■	■
214	20020	GTC: SOUTH HAZLEHURST - NEW LACY 230kV LINE	6/1/2027	GTC	■	■	■	■	■	■
214	21623	GTC: SOUTH HAZLEHURST 230/115 AUTO TRANSFORMERS REPLACEMENT	6/1/2027	GTC	■	■	■	■	■	■

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Zone	TEAMS	Project Name	Last Year's Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
214	19997	AULTMAN ROAD-PERRY 115kV LINE REBUILD	6/1/2028	GPC	██████	█	█	█	█	██████
214	20873	GTC: BONAIRE PRIMARY 500/230kV XFMR REPLCMNT & RELAY MOD	6/1/2028	GTC	█	██████	█	█	█	██████
206	20777	JACK MCDONOUGH - NORTHWEST (BLACK) 230kV RECONDUCTOR	6/1/2028	GPC	██████	█	█	█	█	██████
214	20586	GTC: NORTH DUBLIN 230/115kV TRANSFORMERS AND BUS-TIE BREAKER	12/1/2028	GTC	█	██████	█	█	█	██████
216	10222	BLAKELY PRIMARY - HUCKLEBERRY 115kV REBUILD	6/1/2029	GPC	██████	██████	█	█	█	██████
206	21138	GLENWOOD SPRINGS - PORTERDALE PRIMARY 230kV LINE SWITCH REPL	6/1/2029	GPC	██████	█	█	█	█	██████
202	20760	GTC: HOPEWELL 230/115 kV BANK A	6/1/2029	GTC	█	██████	█	█	█	██████
216	20285	LOWER RIVER - WEBB (APC) 115kV RECONDUCTOR	6/1/2029	GPC	██████	█	█	█	█	██████
218	20346	MCMANUS - WEST BRUNSWICK 115kV REBUILD	6/1/2029	GPC	██████	█	█	█	█	██████
213	21114	MEAG: SOUTH GRIFFIN 230/115kV BANK #5 (PLACEHOLDER)	6/1/2029	MEAG	█	█	██████	█	█	██████
219	21006	SAV: BOULEVARD - MAGNOLIA 115 kV LINE REBUILD	6/1/2029	SAV	██████	█	█	█	█	██████
216	13628	SOUTH BAINBRIDGE - SINAI (FPL) 115kV LINE RECONDUCTOR	6/1/2029	GPC	██████	██████	█	█	█	██████

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Zone	TEAMS	Project Name	Last Year's Need Date	Project Sponsor	Estimated Cost - GPC	Estimated Cost - GTC	Estimated Cost - MEAG	Estimated Cost - DU	Estimated Cost - ITS Assigned	Totals
211	21129	ANNISTON - HAMMOND 230kV LINE	6/1/2030	GPC	████████	██	██	██	██	████████
208	20480	EAST POINT - UNION CITY 230kV BLACK LINE RECONDUCTOR	6/1/2030	GPC	████████	██	██	██	██	████████
214	21094	GTC: TIGER CREEK-ROCKVILLE-NORTH SPA 230kV PROJECT	6/1/2030	GPC	████████	████████	██	██	██	████████
212	20789	JEFFERSON ROAD - WINDER PRIMARY 115kV REBUILD	6/1/2030	GPC	████████	██████	██	██	██	████████
201	20857	NEW CAVENDER DRIVE - TRIBUTARY 230kV LINE	6/1/2030	GPC	████████	██	██	██	██	████████
213	20160	THOMASTON 230 NEW BUILD SUB	11/1/2030	GPC	████████	██	██	██	██	████████
215	20793	EVANS PRIMARY - THURMOND DAM (USA) 5 115kV REBUILD	6/1/2033	GPC	████████	██	██	██	██	████████
215	20794	EVANS PRIMARY - THURMOND DAM (USA) 6 115kV REBUILD	6/1/2033	GPC	████████	██	██	██	██	████████
215	14222	THOMSON PRIMARY 230/115kV SECOND TRANSFORMER	6/1/2033	GPC	████████	██	██	██	██	████████
212	18700	DAWSON CROSSING - GAINESVILLE #1 115 kV	6/1/2034	GPC	████████	██	██	██	██	████████
215	17993	EVANS PRIMARY - THOMSON PRIMARY 115kV REBUILD	12/31/2034	GPC	████████	██████	██	██	██	████████

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C. Completed Projects List – Removed from the Current 10-Year Expansion Plan

Table 4 Completed Projects – Removed from the Current Ten-Year Plan, briefly lists projects removed from the previous year’s 10-Year Expansion Plan due to In Service or Construction Completion.

Table 4 Completed Projects – Removed from the Current Ten-Year Plan

Zone	TEAMS	Project Name	Last Year’s Need Date
206	19676	ADAMSVILLE - JACK MCDONOUGH 230kV LINE REBUILD	6/1/2025
218	20684	CAMDEN INDUSTRIAL PARK (GPC)	6/1/2025
211	20152	CC - CASS PINE- HILL VIEW 230 kV LINE- CC IMPROVEMENTS	12/31/2025
211	20175	CC - PROJECT CHRONOS- SK/HYUNDAI	12/31/2025
214	18800	ECHECONNEE-WELLSTON 115kV REBUILD	6/1/2025
213	20516	GOAT ROCK 230kV SWITCH, JUMPER, & LINE TRAP REPLACEMENT	6/1/2026
211	19187	GRID - BREMEN - CROOKED CREEK (APC) 115 kV PROJECT	6/1/2025
215	20010	GTC: ANTHONY SHOALS - WASHINGTON 115 kV LINE REBUILD	12/31/2025
212	18670	GTC: BANKS CROSSING - POND FORK 115 kV	5/1/2025
214	18153	GTC: BONAIRE PRI-ECHECONNEE 115 kV PARTIAL REBUILD	6/1/2025
218	20342	GTC: CAMDEN INDUSTRIAL PARK 230/115kV NEW SUBSTATION	6/1/2025
214	20590	GTC: EATONTON PRIMARY - LICK CREEK 115kV LINE SWITCH REPL	6/1/2025
213	18774	GTC: HEARD COUNTY - TENASKA 500kV (SECOND LINE)	12/1/2025
206	18889	JEFFERSON STREET#3 - NORTHWEST (WHITE) 115 kV RECONDUCTOR	12/1/2025
218	11821	JESUP - LUDOWICI PRIMARY 115kV REBUILD	6/1/2025
206	13753	MEAG: ALCOVY ROAD - SKC 115 kV RECONDUCTOR	6/1/2025
216	18492	MITCHELL - NORTH TIFTON 230kV RECONDUCTOR	5/1/2025
202	20464	NORCROSS 230kV BUS 1-3 SERIES BUS TIE BREAKER INSTALLATION	6/1/2025
216	19631	PINE GROVE PRIMARY 115 kV DUAL STAGE CAPACITOR BANK	6/1/2025
219	19523	SAV: CC - HYUNDAI MOTORS SAVANNAH AKA. PROJECT EA	1/1/2025
219	20067	SAV: DEPTFORD - MAGNOLIA 115kV RECONDUCTOR	6/1/2025
219	17075	SAV: LITTLE OGEECHEE 230-115kV: RELAY MODERNIZATION	12/31/2025

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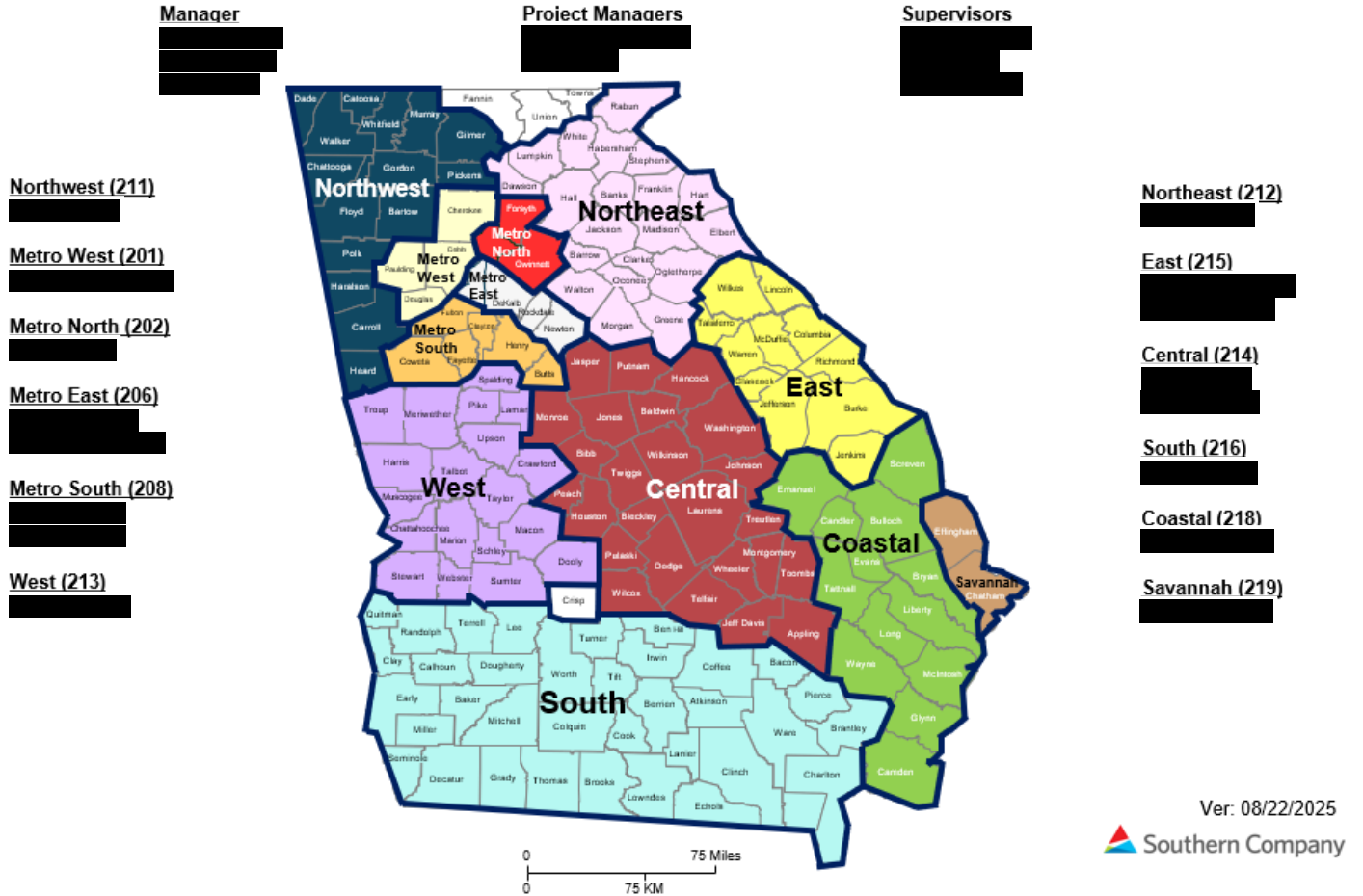
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219	20277	SAV: MCINTOSH - PURRYSBURG 230kV REACTORS	6/1/2026
214	20466	SMART VALVE INSTALLATION	6/1/2025
218	21046	THALMANN AND COLERAIN 230kV LINE RELAY PANEL UPGRADES	6/1/2025
211	20431	VILLA RICA LOW SIDE BREAKER	6/1/2025

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Figure 1 SCS Transmission Planning - East Responsibilities



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II. TRANSMISSION PLANNING PROCESS DESCRIPTION

A. Annual Planning Process and Base Cases

Southern Company Services (SCS) conducts an iterative Transmission Planning process for the 10-year planning horizon. This process ensures Georgia Integrated Transmission System (ITS) Participants receive all necessary information to address identified system limitations. It enables them to develop projects that comply with NERC planning standards and align with each participant's budget and scheduling requirements. The ITS Joint Committee for Planning and Operations determines which ITS Participant will assume construction and ownership responsibilities, considering factors such as facility ownership and the ITS parity forecast.

This report summarizes planning studies conducted by SCS specifically for the Georgia ITS in its role as Planning Coordinator (PC) and Transmission Planner (TP). These studies follow the *Guidelines for Planning Transmission System Facility Improvements* and are consistent with the NERC TPL-001-5 Standard ("Standard").

The following sections provide an overview of maintaining system models, the detailed studies performed, which includes steady state, stability, and short circuit studies, and the resulting Projects and Operating Guides for the mitigation of identified system deficiencies.

Maintaining System Models

The base cases include the following [Requirement 1]: Detailed studies are performed using transmission system models ("base cases") that are updated annually to reflect the current 10-year forecast for load and generation within the Southern Balancing Authority Area (SBAA). These base cases use data consistent with the NERC MOD-032 standard and are supplemented by other sources as needed, including items from the Corrective Action Plan (CAP) and projected system conditions. Each base case also incorporates the latest available external representation of the Eastern Interconnection, typically obtained from the Multi-Regional Modeling Working Group (MMWG) or the SERC Reliability Corporation (SERC) Long-Term Study Group.

In accordance with [Requirement 1], the base cases include:

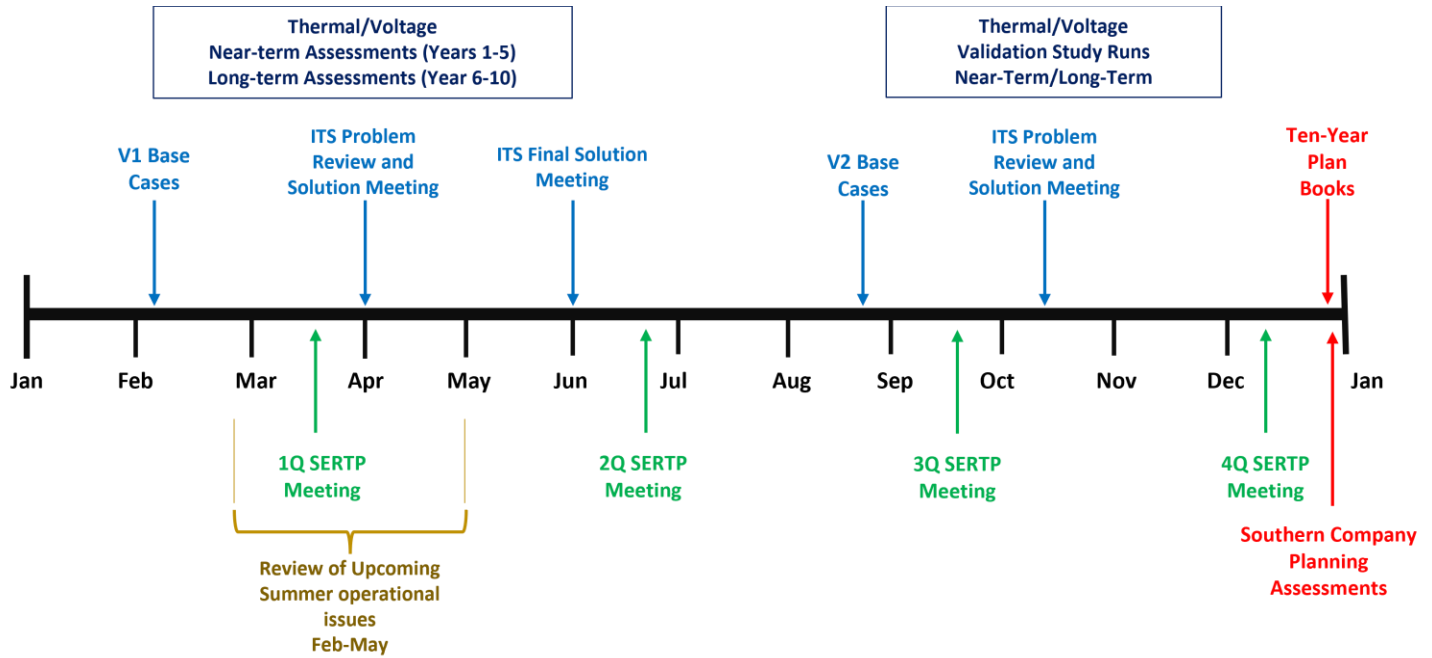
1. Existing facilities.
2. Known outages of generation or transmission facilities lasting at least six months. All such outages in the near-term Transmission Planning horizon are modeled with the impacted equipment out of service, as described in Attachment 1 of the MOD-032 Standard.
3. New planned facilities and changes to existing facilities, rated per NERC Reliability Standard FAC-008-3.
4. Real and reactive load forecasts provided by each Load Serving Entity within the SBAA.
5. Known commitments for Firm Transmission Service and Interchange.
6. Resources required to serve load.

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The SBAA model is constantly evolving. The base cases are created as needed and at least twice annually as shown in the schedule of Figure 2. This approach ensures that newly identified projects are incorporated into future-year analyses.

Figure 2 Annual Base Case Release and Study Schedule



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Load Forecast

Refer to the Load Forecast table below for summer peak load projections by year.

Table 5 2025 Series ITS Load Forecast

2025 SERIES LOAD FORECAST											
Summer Coincident Peak											
Last Update: 5/12/2025											
YEAR	(A)	GPC	(B)	DALTON	(C)	MEAG	(D)	GTC	(E)	Total ITS	(F)
	Coincident	Large Load	Coincident	Large Load	Coincident	Large Load	Coincident	Large Load	Coincident	Coincident	Total ITS Coincident
	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast	Load Forecast (organic) @ Sub High-side
											% growth MW Growth
2025											
2026											
2027											
2028											
2029											
2030											
2031											
2032											
2033											
2034											
2035											

*Transmission loss has already been accounted for in the forecast targets above

A = GPC Coincident Peak Load (supplied by SCS,I)

B = DALTON Coincident Peak Load (supplied by GPC)

C = MEAG Coincident Peak Load (supplied by MEAG)

D = OPC Coincident Peak Load (supplied by GTC)

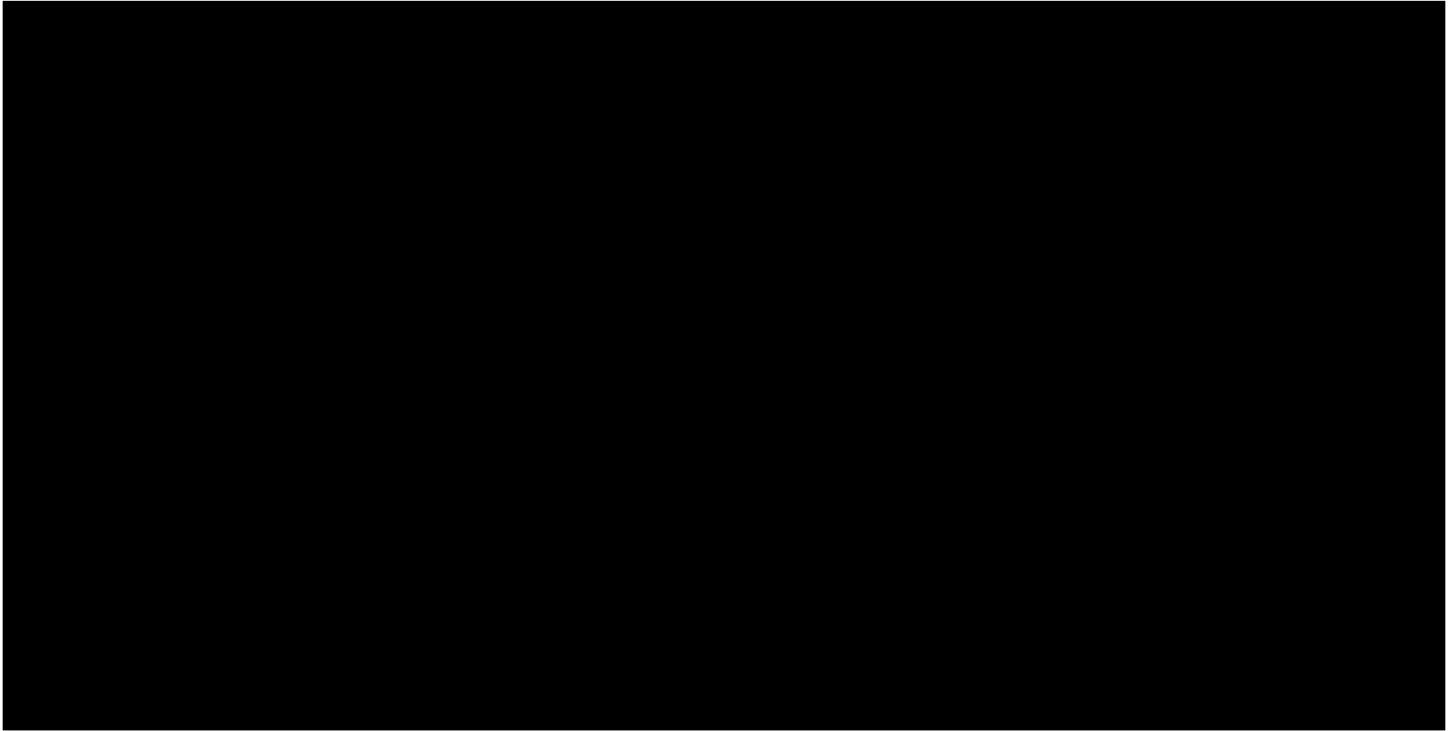
E = A + B + C + D (Total ITS forecast target @Substation High Side)

F = E (since transmission loss has already been accounted for; in general, F = E - Transmission loss, when E is the MW @ Generator)

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Figure 3 Total 2025 Series ITS Summer Coincident Load Forecast



Generation

Another key modeling assumption made in case development is the generation resources. Future generation assumptions for native load resources for Southern Company, GTC, MEAG, and Dalton are shown in the table in Section VI Generation Assumptions. This table lists both owned units and Power Purchase Agreements for all parties at the beginning of the year. The dispatch program first commits sufficient resources to meet load and reserve requirements for each company in each base case or unit-out scenario. It then adjusts generator output levels in the most economical manner.

Normal Open Points

The ITS evaluates normal open point configurations on the Summer Cases. Some loads with radial service have alternative transmission paths that can be used if the primary path is out of service. These alternative paths cannot remain closed while the primary path is also closed because the resulting configuration would compromise system protection and could create network load flow constraints.

If a change to a normal open point is requested, Operations and Planning will review the proposed configuration to confirm that the system can accommodate the change before reconfiguration occurs.

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III. PERFORMANCE CRITERIA

A. Steady State Analysis

Steady state analyses were conducted to address TPL-001-5 Table 1 Category P0–P7 Planning Events and Extreme Events for both near-term and long-term planning horizons. These evaluations included peak and off-peak loading models. The System Peak loading model represents summer conditions. System Shoulder loading models represent 85% of summer peak demand, with hydro generation motoring off-line, and include scenarios where solar facilities are either on or off-line. This load assumption was anticipated to result in the highest system stress outside of a full summer peak scenario, as many energy-limited resources were projected to be off-line. Additionally, System Off-Peak cases representing 70% of the summer peak demand were evaluated. All System Peak, Shoulder, and Off-Peak cases are evaluated using Rate B (95°F ambient temperature) in accordance with [Requirement 2 Parts 2.1.1, 2.1.2, and 2.2.1].

A Hot Weather case representing 107% of system peak was also evaluated under ITS procedures using Rate A (104°F ambient temperature) for all equipment ratings.

Based on these analyses, all projects required to address identified deficiencies have been added to Section IV-E, Steady State Project Details.

Table 6 Steady State Transmission Planning Criteria below provides an overview of the methodology used to meet TPL-001-5 Table 1 contingency requirements:

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Table 6 Steady State Transmission Planning Criteria (TPL-001-5 Table 1)

Category	Initial Condition	Event	Fault Type	Study Performed – The CAP addresses facilities that did not meet the appropriate criteria
P0 No contingency	Normal System	None	N/A	Thermal and voltage analysis was performed on the SBAA System model assuming no additional outages other than those already modeled as described in the “Base Case Development” section (N-0).
P1 Single Contingency	Normal System	Loss of one of the following:	3Ø	
		1. Generator		PSS/E generator transformer branches were removed for each generator as part of N-1 contingency analysis. In some instances, more than one generator is removed in this analysis due to the outage associated with a common collector bus.
		2. Transmission Circuit		Each PSS/E branch of the SBAA System model is removed from service one at a time. This has been compared to opening breaker to breaker and found to produce the same or more severe results for the SBAA System.
		3. Transformer		Each PSS/E transformer branch of the SBAA System model is removed from service one at a time.
		4. Shunt Device		Each PSS/E shunt device of the SBAA System is removed from service one at a time.
		5. Single Pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
P2 Single Contingency	Normal System	1. Opening of a line section w/o a fault	N/A	Each PSS/E branch circuit of the SBAA System model is removed from service one at a time.
		2. Bus Section Fault	SLG	Manually defined contingencies on the SBAA System model that simulate a bus section fault are removed from service one at a time.
		3. Internal Breaker Fault (non-Bus-tie Breaker)	SLG	Manually defined contingencies on the SBAA System model that simulate an internal breaker fault (non-bus-tie breaker) are removed from service one at a time.
		4. Internal Breaker Fault (Bus-tie Breaker)	SLG	Manually defined contingencies on the SBAA System model that simulate an internal breaker fault (bus-tie breaker) are removed from service one at a time.

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Category	Initial Condition	Event	Fault Type	Study Performed – The CAP addresses facilities that did not meet the appropriate criteria
P3 Multiple Contingency	Loss of generator unit followed by System adjustments	Loss of one of the following:	3Ø	
		1. Generator		A list of the two largest generators on the SBAA System model per kV level found at any one location is developed. From this list, a set of singular unit out cases is developed and then using these cases, each one of the remaining generators on the list is removed from service one at a time resulting in an N-G-G.
		2. Transmission Circuit		A set of singular unit out cases is developed from the SBAA System model. Using these cases, each branch segment is removed from service one at a time.
		3. Transformer		A set of singular unit out cases are developed from the SBAA System model. Using these cases, each branch segment that includes a transformer is removed from service one at a time.
		4. Shunt Device		A set of singular unit out cases is developed from the SBAA System model. Using these cases, each shunt device is removed from service one at a time.
		5. Single pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
P4 Multiple Contingency (Fault plus stuck breaker)	Normal System	Loss of multiple elements caused by a stuck breaker (non-Bus-tie Breaker) attempting to clear a Fault on one of the following:	SLG	
		1. Generator		Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (non-bus-tie breaker) attempting to clear a Fault on a generator are removed from service one at a time.
		2. Transmission Circuit		Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (non-bus-tie breaker) attempting to clear a Fault on a transmission circuit are removed from service one at a time.
		3. Transformer		Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (non-bus-tie breaker) attempting to clear a Fault on a transformer are removed from service one at a time.
		4. Shunt Device		Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (non-bus-tie breaker) attempting to clear a Fault on a shunt device are removed from service one at a time. Only shunt devices expected to impact the BES are modeled as branch segments.
		5. Bus Section		Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (non-bus-tie breaker) attempting to clear a Fault on a bus section are removed from service one at a time.
		6. Loss of multiple elements caused by a stuck breaker (Bus-tie Breaker) attempting to clear a Fault on the associated bus	SLG	Manually defined contingencies that simulate the loss of multiple elements caused by a stuck breaker (bus-tie breaker) attempting to clear a Fault on the associated bus are removed from service one at a time.

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Category	Initial Condition	Event	Fault Type	Study Performed – The CAP addresses facilities that did not meet the appropriate criteria
P5 Multiple Contingency (Fault plus relay failure to operate)	Normal System	Delayed Fault Clearing due to the failure of a non-redundant relay protecting the Faulted element to operate as designed, for one of the following:	SLG	
		1. Generator		This contingency was not analyzed because a review by Southern Company Subject Matter Experts (SMEs) concluded that the most severe contingency would be a P5.5 since it would clear the entire bus. This contingency is expected to be very similar to the P5.5 contingency.
		2. Transmission Circuit		This contingency was not analyzed because a review by Southern Company SMEs concluded that the most severe contingency would be a P5.5 since it would clear the entire bus. This contingency is expected to be very similar to the P5.5 contingency.
		3. Transformer		This contingency was not analyzed because a review by Southern Company SMEs concluded that the most severe contingency would be a P5.5 since it would clear the entire bus. This contingency is expected to be very similar to the P5.5 contingency.
		4. Shunt Device		This contingency was not analyzed because a review by Southern Company SMEs concluded that the most severe contingency would be a P5.5 since it would clear the entire bus. This contingency is expected to be very similar to the P5.5 contingency.
		5. Bus Section		Simulations were run to determine which elements would open to clear the fault if a protection system failure occurred. This information was used to simulate the contingency in the steady state case.
P6 Multiple Contingency (Two overlapping singles)	Loss of one of the following followed by System adjustments. 1. Transmission Circuit 2. Transformer 3. Shunt Device 4. Single pole of a DC line	Loss of one of the following:	3Ø	
		1. Transmission Circuit		PSSE is used to rank and remove from service combinations of elements based on the severity of the impact of the loss of these combinations on the SBAA portion of the planning model.
		2. Transformer		PSSE is used to rank and remove from service combinations of elements based on the severity of the impact of the loss of these combinations on the SBAA portion of the planning model.
		3. Shunt Device		PSSE is used to rank and remove from service combinations of elements based on the severity of the impact of the loss of these combinations on the SBAA portion of the planning model. Only shunt devices expected to impact the BES are modeled as branch segments.
		4. Single pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.

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Category	Initial Condition	Event	Fault Type	Study Performed – The CAP addresses facilities that did not meet the appropriate criteria
P7 Multiple Contingency (Common Structure)	Normal System	The loss of:	SLG	
		1. Any two adjacent (vertically or horizontally) circuits on common structure		Manually defined contingencies on the SBAA System model that simulate the loss of any two adjacent (vertically or horizontally) circuits on a common structure are removed from service one at a time. These contingencies were developed by SMEs to ensure that all are captured.
		2. Loss of a bipolar DC line		Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
Extreme Events	Normal System	Variable	Variable	Extreme events with significant potential impacts were reviewed and options to mitigate the impacts identified. Events evaluated included: 1. Planning events that were mitigated using specific System adjustments. However, it was assumed the adjustments did not occur. Studies were then performed to simulate the next fault with normal clearing before the System adjustments were made. 2. Local area events affecting the Transmission System, as defined by Subject Matter Experts, including: a. Loss of a tower line with three or more circuits. b. Loss of all Transmission lines on a common Right-of-Way. c. Loss of a switching station or substation (loss of the one voltage level plus transformers). d. Loss of all generating units at a generating station. 3. No wide area events affecting the SBAA System were identified.

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Where Table 6 Steady State Transmission Planning Criteria required a generation outage as a portion of the contingency, a summary of key unit outs considered was developed and can be found in Section VI B, Generation Assumptions. This table identifies the units considered and the cases in which they were applied. Some outages were unnecessary in certain cases because the unit was already off-line due to expected dispatch. These generating units, which impose greater stress on the system, have been identified through years of power flow analysis based on factors such as size, location, and system impact.

Steady State Sensitivity Analysis

The standard requires sensitivity studies to demonstrate the impact of changes to base-case assumptions. The selected sensitivity was the availability of hydroelectric generation, evaluated using TPL-001-5 Table 1 criteria. Analyses were performed for all years in the Near-Term and Long-Term Planning Horizons under off-peak conditions with hydro generation available and under System Shoulder conditions (85% of system peak) with hydro generation unavailable. [Requirement 2 Part 2.1.4]

Steady State Equipment Sparing Analysis

The Transmission Equipment Sparing Strategy is reviewed annually to identify transmission equipment without a spare and with a replacement lead time greater than one year. Each piece of equipment was individually modeled as unavailable and evaluated for P0, P1, and P2 events using system peak, off-peak, and the sensitivity cases. [Requirement 2 Part 2.1.5]

B. Stability Analysis

Stability studies were conducted to consider P1 - P7 Planning Events and Extreme Events in the Near-Term planning horizon. Simulations were conducted for system peak load and off-peak load (approximately 50% of peak) for one of the five Near-Term years. System Peak cases included a dynamic load model representing expected induction motor behavior. The light load level of 50% of peak was chosen as a worst-case scenario for angular stability because base-load units operate at maximum output.

All projects resulting from the stability analysis to address any identified deficiencies have been added to the list of projects in Section IV B, Stability Project Details.

Table 7 Stability Transmission Planning Performance briefly describes the Transmission Planning stability study methodology to meet TPL-001-5 Table 1 performance requirements:

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Table 7 Stability Transmission Planning Performance Requirements (TPL-001-5 Table 1)

Category	Initial Condition	Event	Fault Type	Study Performed – The CAP addresses facilities that did not meet the appropriate performance requirements
P1 Single Contingency	Normal System	Loss of one of the following:	3Ø	A study was conducted which applied a normally-cleared, three-phase fault on each generator (P1.1), transmission circuit (P1.2), transformer (P1.3), and shunt device (P1.4) in the applicable parties' systems that fall under the BES definition.
		1. Generator		
		2. Transmission Circuit		
		3. Transformer		
		4. Shunt Device		
		5. Single Pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
P2 Single Contingency	Normal System	1. Opening of a line section w/o a fault	N/A	Opening a line end without a fault will never cause a stability concern that has not already been identified by a category P1 event.
		2. Bus Section Fault	SLG	Planning events P2.2, P2.3, and P2.4 require single line to ground faults to be applied to bus sections or internal to breakers. These are expected to be less severe than a single line to ground fault with a stuck breaker which will be covered by the P4 specified in TPL-001-5.1 Table 1. When results from P4 event simulations indicated that P2.2, P2.3, or P2.4 events may violate associated criteria, they were investigated and appropriate corrective action included as needed.
		3. Internal Breaker Fault (non-Bus-tie Breaker)	SLG	
		4. Internal Breaker Fault (Bus-tie Breaker)	SLG	
P3 Multiple Contingency	Loss of generator unit followed by System adjustments	Loss of one of the following:	3Ø	P6 planning events with a loss of Generator Step Up transformers prior to the event (P6.2) are applicable to P3 analyses as these P6.2 planning events result in the loss of at least one generating unit. See studies performed for P6 planning events. Studies were conducted to ensure that there is Non-Consequential Load Loss and interruption of Firm Transmission Service did not occur or led to corrective action or System adjustments as needed.
		1. Generator		
		2. Transmission Circuit		
		3. Transformer		
		4. Shunt Device		
		5. Single pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
P4 Multiple Contingency (Fault plus stuck breaker)	Normal System	Loss of multiple elements caused by a stuck breaker (non-Bus-tie Breaker) attempting to clear a Fault on one of the following:	SLG	Planning events P4.1 through P4.6 require single line to ground faults to be applied to generators, Transmission circuits, transformers, shunt devices, and bus sections with delayed clearing due to a stuck breaker. These will always be less severe than a three-phase fault which will be covered by Extreme Events specified in TPL-001-5 Table 1 Stability events 2.a through 2.d. When a three-phase fault scenario considered in the extreme events result in instability, a solution will generally be included in the CAP. If a situation should occur where the CAP is not used to address three-phase faults which result in instability, then the single line to ground fault was investigated and the appropriate corrective action was included as needed.
		1. Generator		
		2. Transmission Circuit		
		3. Transformer		
		4. Shunt Device		
		5. Bus Section		
		6. Loss of multiple elements caused by a stuck breaker (Bus-	SLG	

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		tie Breaker) attempting to clear a Fault on the associated bus		
P5 Multiple Contingency (Fault plus relay failure to operate)	Normal System	Delayed Fault Clearing due to the failure of a non-redundant component of a Protection System protecting the Faulted element to operate as designed, for one of the following:	SLG	Planning events P5.1 through P5.5 require single-line-to-ground faults to be applied to generators, Transmission circuits, transformers, shunt devices, and bus sections with Delayed Fault Clearing due to a non-redundant component of a Protection System. These will always be less severe than three-phase faults, which will be covered by Extreme Events specified in TPL-001-5.1 Table 1 Stability events 2.e through 2.h. When the three-phase faults evaluated in the R4.5 extreme events resulted in instability, a solution was included in the CAP. In situations where the CAP was not used to address three-phase faults which resulted in instability, the single line to ground fault was investigated and appropriate corrective action included as needed.
		1. Generator		
		2. Transmission Circuit		
		3. Transformer		
		4. Shunt Device		
		5. Bus Section		
P6 Multiple Contingency (Two overlapping singles)	Loss of one of the following followed by System adjustments. 1. Transmission Circuit 2. Transformer 3. Shunt Device 4. Single pole of a DC line	Loss of one of the following:	3Ø	Studies were performed with a Transmission element (P6.1, P6.2, and P6.3) out of service at generating plants on the System. Then a three-phase, normally cleared fault was studied on another element at the generating plant. If the System did not remain stable for this contingency, then a System adjustment or a CAP project was implemented to make sure that the System remained stable.
		1. Transmission Circuit		
		2. Transformer		
		3. Shunt Device		
		4. Single pole of a DC line	SLG	Not applicable as HVDC lines are not currently installed in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
P7 Multiple Contingency (Common Structure)	Normal System	The loss of:	SLG	Three-phase faults will be simulated on two transmission lines at a generating plant that shares a common tower for distances greater than one mile, which will be more severe than single line to ground faults. When a three-phase fault event results in instability, single line to ground faults will be simulated. The circuits to be studied were ones within two network substations of generating plants, which are expected to have the most impact on stability.
		1. Any two adjacent (vertically or horizontally) circuits on common structure		Not applicable as HVDC lines are not currently utilized in the SBAA System and no HVDC lines outside of the SBAA have been identified by adjacent PCs and TPs as affecting the SBAA System in the planning horizon.
		2. Loss of a bipolar DC line		
Extreme Events				Lists of contingencies which are expected to produce more severe System impacts for extreme events were created for evaluation in the stability studies. These events were divided into two categories: 1. Planning events that were mitigated using specific System adjustments (resulting in temporary SOL's for Operations). Those adjustments should be assumed not to have occurred. Studies were made of the consequences of having the next three-phase fault with normal clearing before the System adjustments are made. 2. Three-phase faults with delayed clearing due to a stuck breaker or a failure of a non-redundant component of a Protection System. These contingencies were applied to generators, Transmission circuits, transformers, shunt devices, and bus sections at or near generating plants. These are expected to have the most severe impact to the stability of the System.

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Stability Sensitivity Analysis (Near-Term Planning Horizon)

Requirement R2.4.3 of the Standard requires additional sensitivity studies to demonstrate the effects of various modeling assumptions. For the system stability studies completed using the standard base case, the following sensitivities were evaluated:

- For 50% System peak load cases, local generation was increased to maximum output.
- For System peak load cases, the percentage of induction motor load that was modeled at each bus with a dynamic load model was increased.

For studies evaluating area generator output sensitivity, generator output was modified beyond the base dispatch, dispatching all generation near the study area at full output, whether the unit had firm service for full output or not. This approach produced the most conservative results; therefore, no additional sensitivities were required. The sensitivity analysis revealed no new constraints. [Requirement R2.4.3]

Steady State Coordination with Adjacent Systems

In addition to contingencies on the GA ITS system, contingencies provided by neighboring systems are analyzed annually in accordance with TPL-001-5 Requirement 3.4.1. Neighboring systems are monitored during all studies to determine if ITS contingencies could impact them. If potential impacts are identified, the affected neighbor is notified per the requirement.

Long-Term Stability Analysis

Stability studies were also conducted as needed in the Long-Term planning horizon to address the impact of material generation additions or changes in that time frame. Forecasted generation in the Long-Term transmission planning horizon that does not have firm service or has not been designated by an entity does not require a stability study. Only new generation with a firm commitment to build requires a unit-specific stability study. [Requirement 2.5]

C. Short Circuit Analysis

The short circuit (breaker duty) assessment was performed by Southern Company Services Protection & Control Applications for the Near-Term planning horizon. The base case model used for this assessment included all existing facilities (transmission and generation) and planned facilities based on forecasted generation and future years' transmission expansion plan. The real and reactive load forecasts and known commitments for Firm Transmission Service and Interchange were not represented in the models as they were not relevant to this assessment. The methodology uses the Siemens APA "Advanced Protection Assessment" Short Circuit Analysis program to calculate the margin between fault interrupting device capability and short circuit levels. Short circuit currents are evaluated under maximum generation conditions with no outages (N-0 contingency), as this represents the highest fault level. [Requirement 2 Part 2.3]

The assessment is conducted annually for the Near-Term planning horizon to ensure that the fault interrupting devices can successfully interrupt the expected short circuit currents consistent with the Standard and *Guidelines for Short Circuit System Modeling and Short Circuit Assessment of The Southern Company Electric Transmission System*.

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All projects resulting from that analysis to address any identified deficiencies have been added to the list of projects in Section IV C, Short Circuit Project Details. [Requirement 2 Parts 2.3, 2.6 and 2.8]

D. Interface Transfer Capability Assessments

Transfer capability assessments identify transmission facilities that may limit ITS Participants' ability to maintain long-term firm obligations across SBAA interfaces. Transfers are simulated incrementally in addition to firm transactions modeled in base cases. To minimize sensitivity to local generation dispatch, transfers are simulated by scaling load uniformly across participating areas. Transfer Distribution Factors (TDFs) and System Operating Limits (SOLs) are considered when identifying limiting facilities.

Results, including assumptions, system models, and limiting facilities, are documented in a report provided to Transmission Planning for inclusion in this document. Interfaces are evaluated annually to ensure the Southern Balancing Authority meets all firm transmission commitments and reliability reserve margins.

All projects resulting from that analysis to address any identified deficiencies have been added to the list of projects in Section IV D, Interface Transfer Capability Project Details.

Northern Interface

For the Northern interfaces with MISO, TVA, Duke Energy, Santee Cooper, and Dominion Energy – South Carolina, transferring power across one interface may mutually impact the ability to transfer power across other interfaces. Therefore, transfer capability assessments for the “northern” interfaces are evaluated in such a way as to ensure not only that there is sufficient transfer capability to accommodate all firm transactions across a particular interface, but also that there is sufficient transfer capability to accommodate all firm obligations simultaneously across all the “northern” interfaces. Furthermore, these assessments do not consider impacts due to transfer of directionally opposing flow(s) (i.e. “netting”). If transfers of opposing flow are allowed to remain in the assessment cases, potential problems may be masked in certain real-time situations when the transfers of opposing flow are not scheduled. Therefore, these opposing flow transfers may be removed to ensure that the most conservative screens are performed.

Florida Interface

The SBAA – FRCC interface consists of ties with multiple companies within FRCC: Florida Power and Light Company (FPL), DUKE Energy of Florida (DEF), JEA, and the City of Tallahassee (TAL); collectively “Florida.” It is important to note that the Florida interface is fundamentally radial from the SBAA and the transmission facilities in the connecting balancing authorities have a high-level of interdependence. To ensure the most conservative screens are performed, impacts from “netting” are considered in the same manner as the

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IV. ANALYSIS RESULTS

A. Operating Guides

Operating guides are often a viable alternative to system improvements. When considering an operating guide, factors such as operator action time and procedure complexity must be assessed to determine its effectiveness in addressing the specific issue. If, for any reason, the use of an operating guide results in a violation of the aforementioned risk assessment factors, then the operating guide is not used.

All operating guides identified and tested by Transmission Planning are reviewed by the Georgia Power Transmission Operations team. The only exception occurs when an operating guide is developed for future use after significant system upgrades, and Operations cannot replicate projected conditions.

Operating guides are re-evaluated during each planning cycle to confirm their continued appropriateness or to determine if they should be replaced by a project. If a project is deemed more suitable, sufficient time must be allowed for implementation.

To support this process, the following table lists the thermal and voltage operating guides used in developing the ten-year plan.

Table 8 Thermal and Voltage Operating Guides

Line Name (Breaker to Breaker)	OG Start Date	OG End Date	Operating Guide Procedure
Albany Primary - Palmyra 115 kV	6/1/2029	6/1/2030	[REDACTED]
Arkwright - Forrest Road 115kV (Pre-Contingency)	6/1/2028	5/30/2029	[REDACTED]
Arkwright-Lloyd Shoals 115kV Line (Pre-Contingency)	6/1/2026	5/30/2027	[REDACTED]
Arkwright-Lloyd Shoals 115kV Line (Pre-Contingency)	6/1/2028	5/30/2029	[REDACTED]
Arlington Primary - Dawson Primary 115kV	6/1/2027	6/1/2029	[REDACTED]
Arlington Primary - Giles 115 kV	6/1/2029	6/1/2030	[REDACTED]
Athena - Union Point Primary 115kV	6/1/2026	6/1/2027	[REDACTED]
Aultman Road - Perry 115 kV	6/1/2026	06/01/2027	[REDACTED]
Avalon Junction - Pooles Creek - Bio 115kV	6/1/2026	6/1/2029	[REDACTED]

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Barnesville Primary - South Griffin 115kV	6/1/2026	5/31/2029	[REDACTED]
Bay Creek - Monroe 115kV	6/1/2027	6/1/2028	[REDACTED]
Big Shanty - West Marietta 230kV	6/1/2029	6/1/2030	[REDACTED]
Bio - Center Primary 230kV	6/1/2026	6/1/2030	[REDACTED]
Blakely Primary - Lower River Road 115 kV	6/1/2029	6/1/2030	[REDACTED]
Bonaire Primary - Butler 230kV	6/1/2028	5/31/2029	[REDACTED]
Bonaire Primary - Eastman Primary 115 kV (Pre-Contingency)	6/1/2026	5/30/2027	[REDACTED]
Bonaire Primary - Echeconnee 115 kV	6/1/2027	8/31/2031	[REDACTED]
Branch - Tiger Creek (Black) 230 kV	6/1/2026	5/30/2027	[REDACTED]
Broadway - South Macon 115 kV (Pre-Contingency)	6/1/2027	5/30/2028	[REDACTED]
Brumbley Creek - South Bainbridge 115 kV	6/1/2026	6/1/2028	[REDACTED]
Center Primary - Commerce Primary 115kV (Pre-Contingency)	6/1/2027	6/1/2029	[REDACTED]
Clarksboro-Winder Primary 230kV	6/1/2027	6/1/2029	[REDACTED]
Coosawattee - East Dalton 115 kV	6/1/2027	5/31/2029	[REDACTED]
Corn Crib - Lagrange 115kV	6/1/2027	6/1/2029	[REDACTED]
Corn Crib - Thomaston 115kV	6/1/2028	6/12029	[REDACTED]
Cornelia - Tallulah Lodge 115kV	6/1/2026	6/1/2029	[REDACTED]

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Cotton Primary - Scooter 230 kV	6/1/2029	6/1/2030	[REDACTED]
Daisy - West Valdosta 230 kV	6/1/2026	6/1/2027	[REDACTED]
Dawson Crossing - Gainesville #1	6/1/2026	6/1/2027	[REDACTED]
Dawson Crossing - Nelson (White) 115kV	6/1/2026	6/1/2029	[REDACTED]
Dorsett - Forrest Road 115 kV	6/1/2029	5/30/2031	[REDACTED]
Douglasville - Factory Shoals Road 115kV (Pre-Contingency)	6/1/2026	6/1/2030	[REDACTED]
Douglasville - Villa Rica Primary 230kV	6/1/2026	6/1/2028	[REDACTED]
Dyer Road - East Roanoke (APC) 115 kV	6/1/2028	5/31/2029	[REDACTED]
Dyer Road - South Coweta 115kV	6/1/2026	6/1/2028	[REDACTED]
East Point - Morrow 115 kV	6/1/2028	6/1/2029	[REDACTED]
East Point - Union City 230kV (Black)	6/1/2028	6/1/2029	[REDACTED]
East Point - Union City 230kV (White)	6/1/2028	6/1/2030	[REDACTED]
East Social Circle - East Watkinsville 230kV	6/1/2027	6/1/2028	[REDACTED]
East Watkinsville - Russell Dam 230kV	6/1/2026	6/1/2030	[REDACTED]
Echeconnee - Wellston 115 kV (Pre-Contingency)	6/1/2027	5/30/2028	[REDACTED]

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Evans Primary - Thomson Primary 115 kV (Pre-Contingency)	6/1/2026	6/1/2029	[REDACTED]
Fortson - Goat Rock 230kV	6/1/2029	6/1/2030	[REDACTED]
Fortson - Lagrange 230kV	6/1/2025	6/1/2028	[REDACTED]
Fortson - Talbot Co #2 230kV	6/1/2029	5/31/2031	[REDACTED]
Glenwood Springs - Porterdale Primary	6/1/2026	6/1/2027	[REDACTED]
Glenwood Springs 321318 - Lake Oconee 115kV (Pre-Contingency)	10/1/2026	1/15/2030	[REDACTED]
Goldens Creek - Warrenton Primary 230 kV	6/1/2026	6/1/2029	[REDACTED]
Gordon - Sandersville #1 115 kV	6/1/2027	5/30/2029	[REDACTED]
Hammond - Weiss Dam (APC) 115 kV	6/1/2028	5/31/2029	[REDACTED]
Hickory Level - Post Road 115 kV	6/1/2028	5/31/2029	[REDACTED]
Jack McDonough - Northwest (Black)	6/1/2028	6/1/2029	[REDACTED]
Jefferson Road - Winder Primary 115kV (Pre-Contingency)	6/1/2027	6/1/2029	[REDACTED]
Kathleen - Pitts 230 kV (Pre-Contingency)	6/1/2028	5/31/2031	[REDACTED]

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Kathleen 230/115kV Bank A (Pre-Contingency)	6/1/2028	5/31/2031	[REDACTED]
Kettle Creek Primary - Pine Grove Primary 115 kV (Pre-Contingency)	6/1/2027	6/1/2029	[REDACTED]
Kia Motors - Pittman Rd 115kV	6/1/2030	5/31/2031	[REDACTED]
Klondike - Scherer 500kV	6/1/2026	6/1/2027	[REDACTED]
Kraft 230/115 kV Bank B	6/1/2026	12/15/2028	[REDACTED]
Kraft 230/115 kV Bank C	4/15/2028	7/15/2028	[REDACTED]
Lamar County Industrial - Rumble Rd 115kV	6/1/2026	6/1/2030	[REDACTED]
Lawrenceville – Moon Road	6/1/2026	6/1/2027	[REDACTED]
Line Creek - South Coweta 115kV	6/1/2026	6/1/2030	[REDACTED]
Line Creek - Yates 230 kV	6/1/2029	6/1/2030	[REDACTED]
McDonough - South Griffin 115 kV (Pre-Contingency)	6/1/2027	6/1/2028	[REDACTED]
McEver Road - Shoal Creek 115kV (Pre-Contingency)	6/1/2026	6/1/2029	[REDACTED]
Mcintosh 230/115 kV Bank A	10/16/2027	12/15/2028	[REDACTED]
Mile 131 - Perry 115 kV	6/1/2028	5/30/2029	[REDACTED]
Mitchell - Raccoon Creek 230 kV	6/1/2026	6/1/2029	[REDACTED]
Mitchell - Raccoon Creek 230 kV (Pre-Contingency)	6/1/2029	6/1/2030	[REDACTED]
Moultrie - Thomasville 115 kV	6/1/2026	6/1/2027	[REDACTED]
Moultrie - Thomasville 115 kV	6/1/2029	6/1/2030	[REDACTED]

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Newborn Rd - M Hornet 230 kV (Pre-Contingency)	6/1/2028	6/1/2030	[REDACTED]
North Americus - Palmyra 230kV	6/1/2029	6/1/2030	[REDACTED]
North Tifton - Pitts 230 kV	5/31/2029	6/1/2030	[REDACTED]
Ohara B2 - Ohara B1 115 kV Bus Tie	6/1/2026	6/1/2035	[REDACTED]
Ohara B2 230/115 kV Banks	6/1/2026	6/1/2035	[REDACTED]
Pittman Rd - West Point (APC) 115	6/1/2030	5/31/2031	[REDACTED]
Porterdale 230/115 kV Bank D	6/1/2026	6/1/2027	[REDACTED]
Ray Place Road - Warrenton Primary 115 kV	6/1/2026	6/1/2027	[REDACTED]
S Macon 230/115kV Bank D (Pre-Contingency)	6/1/2026	5/30/2028	[REDACTED]
S Macon 230/115kV Bank F (Pre-Contingency)	6/1/2026	5/31/2028	[REDACTED]
Sandersville #1 - Sandersville #8 230 kV	6/1/2030	5/30/2031	[REDACTED]
Sandersville #1 - Wadley Primary 230 kV	6/1/2030	5/30/2031	[REDACTED]
Sandersville #8 - Tiger Creek 230 kV	6/1/2030	8/31/2031	[REDACTED]
South Coweta - South Griffin 115kV Line	6/1/2027	6/1/2028	[REDACTED]
South Coweta 230/115kV Bank A	6/1/2026	6/1/2027	[REDACTED]

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Tallulah Lodge - Toccoa 115kV (Pre-Contingency)	6/1/2026	6/1/2029	[REDACTED]
Thomasville 230/115 kV Bank #4 (Pre-Contingency)	6/1/2026	6/1/2028	[REDACTED]
Thomson Primary - Warrenton Primary (Black) 115 kV	6/1/2026	6/1/2027	[REDACTED]
Thomson Primary 230/115kV Bank C	6/1/2026	6/1/2027	[REDACTED]
Thornton Rd - Tributary 230kV	6/1/2029	6/1/2030	[REDACTED]
Union City - Yates (Black) 230kV	6/1/2027	6/1/2028	[REDACTED]
Villa Rica Primary - Wansley 500 kV	6/1/2028	5/31/2029	[REDACTED]
Westover - Gillionville 115 kV	6/1/2029	6/1/2030	[REDACTED]

B. Stability Project Details

The following group of projects are the result of the Stability studies conducted as needed in the Long-Term Planning Horizon to address the impact of material generation additions or changes for the TPL-001-5 Table 1.

The following information is included for each project:

- 1) project justification,
- 2) schedule for implementation (start date), and
- 3) expected required in-service date.

For transmission improvements, the start date is to provide necessary lead time to ensure the expected required in-service date can be met.

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EAST POINT RELAY MODERNIZATION

Teams # 20491

Need Date 06/01/2026 Start Date 01/01/2024

Description

Upgrade protection on 230kV buses, 115kV buses, and 230/115kV auto transformer at the East Point station. Add adequate monitoring on DC supply.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No Change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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GRADY 230/115kV RELAY MODERNIZATION

Teams # 20474

Need Date 06/01/2026 Start Date 01/01/2024

Description

Upgrade protection on 230kV bus, all 115kV buses, and both 230/115kV auto transformers at Grady. Add adequate monitoring on DC supply. Install a 230kV breaker and associated switches on the high side of Grady 230/115kV auto transformer D.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No Change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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KLONDIKE RELAY MODERNIZATION

Teams # 20490

Need Date 06/01/2026 Start Date 01/01/2024

Description

Upgrade protection on 230kV buses at the Klondike station. Add adequate monitoring on DC supply.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No Change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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MORROW 115kV RELAY UPGRADE

Teams # 20300

Need Date 06/01/2026 Start Date 06/01/2024

Description

Upgrade protection scheme on all three 115kV buses at Morrow.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No Change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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SCOTTDALE RELAY MODERNIZATION

Teams # 20489

Need Date 06/01/2026 Start Date 01/01/2024

Description

Upgrade protection on 230kV bus and 230/115kV auto transformers at the Scottdale station. Add adequate monitoring on DC supply.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No Change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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OHARA LINE PROTECTIVE RELAYING REPLACEMENT

Teams # 20668

Need Date 12/01/2026 Start Date 12/01/2024

Description

On the O'Hara - Wansley 500kV line, replace the protective relay panels at O'Hara associated with the 500kV line terminal facing Dresden.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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ANTHONY SHOALS STATCOM SYSTEM

Teams # 20326

Need Date 12/31/2026 Start Date 08/04/2023

Description

Install a STATCOM at the Anthony Shoals substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2025 to 2026

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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MEAG: FORTSON SUBSTATION MODERNIZATION

Teams # 18832

Need Date 01/13/2027 Start Date 01/01/2025

Description

Complete modernization and replacement of obsolete equipment and relays for the 500kV, 230kV, and 115kV yards. Add a redundant relay scheme at Fortson.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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JONESBORO - MORROW RELAY PROTECTION UPGRADE

Teams # 21573

Need Date 03/01/2027 Start Date 03/01/2026

Description

Upgrade the Jonesboro - Morrow 115kV line relay protection schemes.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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OLIVER DAM & BULL CREEK 115kV PROTECTION RELAY UPGRADE

Teams # 21575

Need Date 03/01/2027 Start Date 10/01/2025

Description

At Bull Creek and Oliver Dam 115kV substations, replace the protection on the Fortson 115kV line with standard SEL - 421 / 311C1 DCUB panel, capable of providing 7 cycle clearing time or less. Install Line traps and associated carrier equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: MCINTOSH 230 kV BREAKER CONTROL RELAY UPGRADES

Teams # 21275

Need Date 11/01/2028 Start Date 11/01/2026

Description

Replace existing [20] 230kV breaker control relays with [20] high speed breaker control relays (SEL - 451) to achieve 8 cycle total breaker failure clearing time at McIntosh 230kV bus.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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C. Short Circuit Project Details

The following group of projects are the result of the Short Circuit analyses performed by the Southern Company Services Protection and Control Department.

The following information is included for each project:

- 1) project justification,
- 2) schedule for implementation (start date), and
- 3) expected required in-service date.

For transmission improvements, the start date is to provide necessary lead time to ensure the expected required in-service date can be met.

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OHARA 115kV BREAKER REPLACEMENT

Teams # 21022

Need Date 10/01/2026 Start Date 10/01/2025

Description

Replace breaker on the Ohara - Tara 115kV Line at the Ohara substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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LINE CREEK 115kV BREAKER REPLACEMENTS

Teams # 21528

Need Date 06/01/2027 Start Date 12/31/2025

Description

The breaker duty margin will become negative for two 115kV breakers. Replace with 115kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GRADY 115kV BREAKER REPLACEMENTS

Teams # 21526

Need Date 12/31/2027 Start Date 12/01/2025

Description

The breaker duty margin will become negative for two 115kV breakers. Replace them with 115kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GORDON OVERSTRESSED 115kV BREAKERS REPLACEMENT

Teams # 21421

Need Date 05/15/2028 Start Date 06/01/2026

Description

The breaker duty margin will become negative for two 115kV breakers. Replace them with 115kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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SAV: WEST MCINTOSH REPLACE 230kV LS BREAKERS

Teams # 21257

Need Date 11/01/2028 Start Date 11/01/2026

Description

Replace (2) 230kV low side breakers at West McIntosh with higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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OHARA 115kV: TARGETED EQUIPMENT REPLACEMENT

Teams # 19788

Need Date 12/31/2028 Start Date 05/15/2026

Description

The breaker duty margin will become negative for one 115kV breaker. Replace it with a 115kV higher rated breaker.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: UNION CITY PRIMARY 230kV BREAKER REPLACEMENTS

Teams # 21533

Need Date 04/01/2029 Start Date 06/01/2027

Description

At Union City Primary, the breaker duty margin will become negative for eleven 230kV breakers.
Replace them with 230kV higher rated breakers.

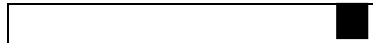
Supporting Statement

[REDACTED]

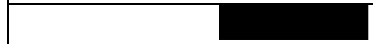
Change From Previous Ten-Year Plan

New Project

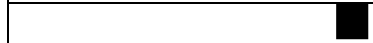
Estimated Cost – GPC



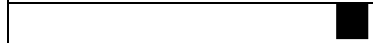
Estimated Cost – GTC



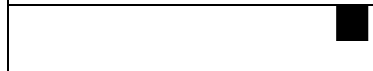
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DRESDEN 230kV BREAKER REPLACEMENTS

Teams # 21523

Need Date 06/01/2029 Start Date 01/01/2026

Description

At Dresden, the breaker duty margin will become negative for five 230kV breakers. Replace them with 230kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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MORROW 115kV BREAKER REPLACEMENTS

Teams # 21529

Need Date 06/01/2029 Start Date 06/01/2026

Description

At Morrow, the breaker duty margin will become negative for one 115kV breaker. Replace the breaker with a higher rated breaker.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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EAST POINT 230kV BREAKER REPLACEMENTS

Teams # 21525

Need Date 06/01/2030 Start Date 06/01/2027

Description

At East Point, the breaker duty margin will become negative for one 230kV breaker. Replace it with a 230kV higher rated breaker.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: HEARD COUNTY 500kV BREAKER REPLACEMENTS

Teams # 21527

Need Date 06/01/2030 Start Date 10/01/2026

Description

The breaker duty margin will become negative for four 500kV breakers. Replace them with higher rated 500kV breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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LINE CREEK 230kV IPO BREAKER UPGRADES

Teams # 21379

Need Date 06/01/2030 Start Date 06/01/2027

Description

Replace nine 230kV breakers at Line Creek.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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SWITCH WAY 230kV BREAKER REPLACEMENTS

Teams # 21530

Need Date 06/01/2030 Start Date 06/01/2028

Description

The breaker duty margin will become negative for two 230kV breakers. Replace them with 230kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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WANSLEY OVERSTRESSED 500KV BREAKER REPLACEMENTS

Teams # 21515

Need Date 06/01/2030 Start Date 06/01/2026

Description

The breaker duty margin will become negative for ten 500kV breakers. Replace them with 500kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SPC: WANSLEY 500kV BREAKER REPLACEMENTS

Teams # 21516

Need Date 12/01/2031 Start Date 06/01/2026

Description

The breaker duty margin will become negative for six 500kV breakers. Replace them with 500kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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TENASKA 500kV BREAKER REPLACEMENTS

Teams # 21517

Need Date 12/01/2031 Start Date 06/01/2026

Description

The breaker duty margin will become negative for five 500kV breakers.
Replace the breakers with 500kV higher rated breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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D. Interface Transfer Capability Project Details

The following projects are the result of the Interface Transfer Capability Assessments analyses performed by the Southern Company Services Transmission Planning OATT Studies & Regional Planning Department.

The following information is included for each project:

- 1) project justification,
- 2) schedule for implementation (start date), and
- 3) expected required in-service date.

For transmission improvements, the start date is to provide necessary lead time to ensure the expected required in-service date can be met.

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GTC: CASH CREEK - HARTWELL ENERGY 230kV LINE

Teams # 21113

Need Date 06/01/2030 Start Date 02/01/2026

Description

Construct a new 230kV line, approx. 35 miles, from Hartwell Energy to Middle Fork, using (2) 200C 1351 ACSS conductor. Expand Hartwell Energy 230kV and Middle Fork 230kV substations for the new line termination.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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HARTWELL DAM - HARTWELL ENERGY 230kV SERIES REACTORS

Teams # 21111

Need Date 06/01/2030 Start Date 06/01/2027

Description

Replace the series reactors on the Hartwell Dam - Hartwell Energy 230kV line with larger size.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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E. Steady State Project Details

The following projects are the result of the Steady State analyses for the TPL-001-5 Table 1 Category P0, P1, and P2.3 EHV Planning Events in both the near-term and longer-term planning horizons for both peak and off-peak loading models.

The following information is included for each project:

- 1) project justification,
- 2) schedule for implementation (start date), and
- 3) expected required in-service date.

For transmission improvements, the start date is to provide necessary lead time to ensure the expected required in-service date can be met.

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CC - EMBLEM RIVERSIDE CUSTOMER SUB

Teams # 20509

Need Date 03/01/2026 Start Date 06/01/2025

Description

A Fiber ICON ring is being built to help with communication and for better protection of the transmission system in the area.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2027 to 2026.

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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GTC: LIZARD LOPE - WESTOVER 115kV NEW LINE

Teams # 18691

Need Date 03/01/2026 Start Date 06/01/2021

Description

Construct two new 115kV stations, Lizard Lope and Westover, and build a new 19.8 miles of 115kV line with 100C Drake 795 ACSR conductor from Lizard Lope to Gillionville substation with 100C Drake 795 ACSR conductor.

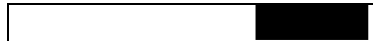
Supporting Statement

[REDACTED]

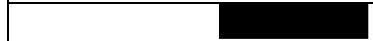
Change From Previous Ten-Year Plan

No change

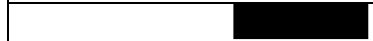
Estimated Cost – GPC



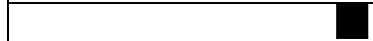
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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CC - FAYETTEVILLE AREA TRANSMISSION NEEDS

Teams # 20018

Need Date 04/01/2026 Start Date 06/01/2023

Description

Build a new 500/230kV substation (Ashley Park) splitting the Ohara - Union City 500kV line. Install two 500/230kV auto transformers at the Ashley Park station. Build two new 230kV lines (6 miles each) from Ashley Park to the high side of the customer substations. The new lines will be built with bundled 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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ADAMSVILLE - BUZZARD ROOST 230kV REBUILD AND JUMPER UPGRADE

Teams # 19597

Need Date 06/01/2026 Start Date 06/01/2024

Description

Rebuild the line sections from Adamsville to Boat Rock Road (7.2 miles) on the Adamsville - Buzzard Roost 230kV line with 200C 1351 ACSS Martin conductor. Replace the limiting jumpers on the line at Adamsville, Bakers Ferry, and Boat Rock with higher rated jumpers. Replace limiting line switches at Boat Rock with higher rated switches.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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ARKWRIGHT BUS AND JUMPER REPLACEMENT

Teams # 20767

Need Date 06/01/2026 Start Date 06/01/2025

Description

Replace the 115kV bus at Arkwright and replace the jumper on the Arkwright - Forrest Rd (Macon) 115kV line with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2033 to 2026

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BIG SHANTY JUMPER AND BUS REPLACEMENT 230kV

Teams # 21654

Need Date 06/01/2026 Start Date 12/15/2025

Description

Upgrade limiting elements for auto transformer B at Big Shanty substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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BLANKETS CREEK - WOODSTOCK 115kV LINE REBUILD

Teams # 18960

Need Date 06/01/2026 Start Date 01/21/2025

Description

Rebuild the 7.1 miles of the Blankets Creek - Woodstock 115kV line with 200C 795 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BONAIRE PRIMARY - KATHLEEN 230kV LINE REBUILD

Teams # 20512

Need Date 06/01/2026 Start Date 01/01/2024

Description

Rebuild the Bonaire Primary - Kathleen 230kV line (approximately 6 miles) with 200C 1351 ACSS conductor. Upgrade limiting elements at substation along the Kathleen - Pitts 230kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BRUNSWICK – MCMANUS 115kV LINES RE-TERMINATION

Teams # 21249

Need Date 06/01/2026 Start Date 06/01/2025

Description

Re-terminate the Brunswick-McManus 115kV (Black or White) line to Bus 1.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

* The ITS Assigned designation is for parity forecast purposes only

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CC - STONEWALL TELL ROAD

Teams # 20216

Need Date 06/01/2026 Start Date 01/01/2025

Description

Build a 4 miles 230kV line segment, using 200C 1351 ACSS Martin conductor, to loop in the Stonewall Tell Road station into the East Point - Union City 230kV (White) line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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DU: EAST DALTON - OOSTANAULA 115kV REBUILD

Teams # 18679

Need Date 06/01/2026 Start Date 06/01/2023

Description

Rebuild 7.4 miles of East Dalton - Oostanaula and Dalton - East Dalton 115kV double circuit lines between East Dalton substation and the Dalton substation frame with 200C 795 ACSS This project also rebuilds the Dalton - East Dalton 115kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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DU: LOOPERS FARM - SOUTH DALTON 230kV NETWORK UPGRADES

Teams # 13188

Need Date 06/01/2026 Start Date 06/01/2024

Description

Build new 230kV networked switching station on the Loopers Farm - South Dalton 230kV line, radialize South Dalton 230kV station, and build a new 230kV line from Loopers Farm - Jobs Creek with 200C 1351 ACSS Martin conductor

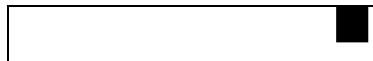
Supporting Statement

[REDACTED]

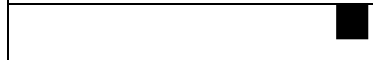
Change From Previous Ten-Year Plan

New project

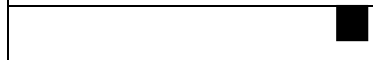
Estimated Cost – GPC



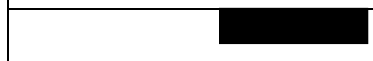
Estimated Cost – GTC



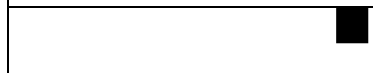
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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FENWICK STREET - SAND BAR FERRY 115kV RECONDUCTOR

Teams # 16007

Need Date 06/01/2026 Start Date 09/01/2022

Description

Rebuild approximately 2.72 miles of 115kV line sections of the Fenwick Street - Sand Bar Ferry 115kV line with 1351 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GORDON-N DUBLIN 115kV (GORDON-ENGL MCI J) REBUILD

Teams # 19618

Need Date 06/01/2026 Start Date 10/01/2023

Description

Rebuild approximately 6 miles of the Gordon - North Dublin 115kV line with 200C ACSS 795 conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GRID-GAINESVILLE #2 230/115kV AUTO TRANSFORMERS REPLACEMENT

Teams # 19706

Need Date 06/01/2026 Start Date 12/31/2024

Description

Replace two 230/115kV auto transformers (Bank C and D) at Gainesville #2 with a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: CC – CORNISH MOUNTAIN - LAKE VARNER 230kV (NETWORK IMPROVEMENTS)

Teams # 21701

Need Date 06/01/2026 Start Date 3/1/2025

Description

To construct the Lake Varner 230kV substation and a new 6-mile 230 kV transmission line from Cornish Mountain to Lake Varner with 200C 1351 ACSS conductor.

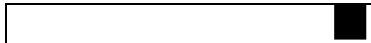
Supporting Statement

[REDACTED]

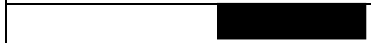
Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



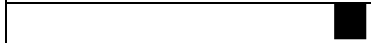
Estimated Cost – GTC



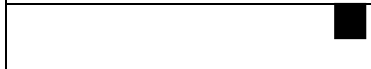
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DRESDEN JUMPER REPLACEMENT

Teams # 19598

Need Date 06/01/2026 Start Date 06/01/2024

Description

Upgrade the limiting jumpers at Dresden on the Dresden - LaGrange 230kV line with higher rated jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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GTC: ROBINS SPRING 115kV BUS REPLACEMENT

Teams # 19999

Need Date 06/01/2026 Start Date 06/01/2023

Description

Upgrade limiting 115kV bus at the substation.

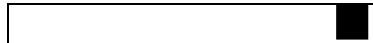
Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



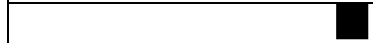
Estimated Cost – GTC



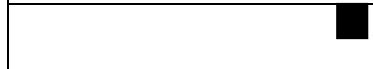
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: ROBINS SPRING 115kV CAPACITOR BANK INSTALLATION

Teams # 20001

Need Date 06/01/2026 Start Date 01/01/2023

Description

Install a 115kV 2 - stage capacitor bank at the substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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HAMMOND - WEISS DAM 115kV LINE REBUILD

Teams # 19636

Need Date 06/01/2026 Start Date 06/01/2023

Description

Rebuild 11.2 miles of Hammond - Weiss Dam 115kV from Hammond to the APC border with 200C 795 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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MEAG: AULTMAN ROAD - BONAIRE PRIMARY 115 kV REBUILD

Teams # 13787

Need Date 06/01/2026 Start Date 06/01/2023

Description

MEAG: Rebuild the 1.99 miles of Sleepy Hollow - Peach Blossom 115kV line section of the Aultman Road - Bonaire Primary 115kV line with 100C 795 ACSR.
GTC: Replace the jumpers at Sleepy Hollow with 1590 AAC.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2025 to 2026

Estimated Cost – GPC



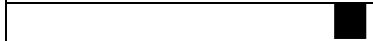
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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PALMYRA REACTOR REMOVAL

Teams # 18690

Need Date 06/01/2026 Start Date 05/01/2023

Description

Remove reactor at the Palmyra Substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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SAV: BOULEVARD - DEPTFORD 115kV RECONDUCTOR

Teams # 20066

Need Date 06/01/2026 Start Date 06/01/2023

Description

Reconductor the Boulevard - Deptford 115kV line (approximately 8 miles) using 973.1 C7 ACCS (Everglades) conductor. Upgrade main bus and jumpers at Bolton substation with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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SAV: CC - BIG OGEECHEE 500/230kV (NETWORK IMPROVEMENTS)

Teams # 19966

Need Date 06/01/2026 Start Date 06/01/2023

Description

Construct a new substation near Little Ogeechee, adjacent to the 500kV and 230kV McCall Road - Thalmann 500kV and the Little Ogeechee - Meldrim 230kV Black and White lines. The new substation will loop in the existing McCall Road - Thalmann 500kV line, the existing Little Ogeechee - Meldrim 230kV lines, and accommodate a new 500/230kV auto transformer with an additional 230kV connection to Little Ogeechee.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAW MILL ROAD - VIDALIA 115kV SWITCH REPLACEMENT

Teams # 21309

Need Date 06/01/2026 Start Date 06/01/2025

Description

Replace the limiting switch at Vidalia substation with a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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UNION CITY - YATES 230kV (WHITE) LINE REBUILD

Teams # 17900

Need Date 06/01/2026 Start Date 06/01/2023

Description

Rebuild 23.4 miles of the Union City - Yates 230kV (White) line with bundled 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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UNION CITY - YATES 230kV (WHITE) SWITCH AND TRAP REPLACEMENT

Teams # 20691

Need Date 06/01/2026 Start Date 05/15/2024

Description

Replace the limiting elements at Union City and Yates substations along the Union City - Yates 230kV (White) line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: DRESDEN 500kV BUS EXPANSION

Teams # 20273

Need Date 12/01/2026 Start Date 12/01/2024

Description

GTC will expand and reconfigure the Dresden 500kV bus. Loop the O'Hara - Wansley 500kV line into the Dresden 500kV substation and allow for future Dresden - Talbot 500kV line termination.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: GORDON - SANDERSVILLE #1 115kV LINE REBUILD

Teams # 20002

Need Date 12/01/2026 Start Date 02/01/2023

Description

Rebuild approximately 1.87 miles of the Gordon - Sandersville #1 115kV line with 100C ACSR 795 conductor.

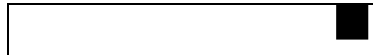
Supporting Statement

[REDACTED]

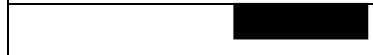
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



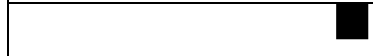
Estimated Cost – GTC



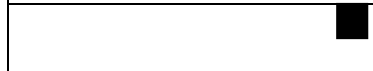
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: LAGRANGE - NORTH OPELIKA 230 kV NEW LINE

Teams # 19334

Need Date 12/01/2026 Start Date 06/01/2023

Description

Build a new 230kV line from Lagrange to North Opelika (APC), 29.4 miles, with 200C ACSS 1351.5 Martin Conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed within 2026

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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WANSLEY RELAY WORK AND NEW FIBER

Teams # 21174

Need Date 12/01/2026 Start Date 12/01/2024

Description

On the O'Hara - Wansley 500kV line, replace the protective relay panels at Wansley associated with the 500kV line terminal facing Dresden.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BARTLETTS FERRY 1-4 REPLACEMENT SUB

Teams # 18979

Need Date 12/31/2026 Start Date 11/9/2023

Description

Replace the jumpers at Bartletts Ferry, on the Bartletts Ferry - West Point (APC) 115kV line, with higher rated jumpers. Rebuild the substation to new configuration to accommodate existing 115kV lines and existing generation interconnection.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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CC - CASS PINE 230/25kV NEW SUB IMPROVEMENTS

Teams # 20151

Need Date 12/31/2026 Start Date 06/01/2024

Description

Build a new 230/25kV networked substation named Cass Pine in Bartow County that will interconnect between new Great Valley and Hill View 230kV substations.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - GARRETT ROAD 230kV SS (NETWORK IMPROVEMENTS)

Teams # 20243

Need Date 12/31/2026 Start Date 04/30/2023

Description

Build the new Garrett Road 230kV switching station splitting the Villa Rica - West Marietta 230kV line. Build a new 230kV line from the Trae Lane substation to the Garrett Road switching substation with bundled 100C 1351 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed within 2026

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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MORROW - MOUNTAIN VIEW 115 kV REBUILD

Teams # 19363

Need Date 12/31/2026 Start Date 01/01/2024

Description

Rebuild the 1.7 miles Mountain View - Barnett Road section of the Morrow - Mountain View 115kV line with 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: HICKORY LEVEL - VILLA RICA 230kV LINE RECONDUCTOR

Teams # 19635

Need Date 05/01/2027 Start Date 05/01/2024

Description

Reconductor 8.6 miles Hickory Level - Villa Rica 230kV line with 160C 1351 ACSS and replace the 230kV line trap at Villa Rica

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MORROW - YATES COMMON 115kV LINE REBUILD

Teams # 19601

Need Date 05/01/2027 Start Date 05/01/2024

Description

On the Fife - Fairburn SW - Line Creek sections of the Morrow - Yates Common 115kV line, rebuild approximately 5.1 miles with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BROADWAY - ECHECONNEE 115kV LINE RECONDUCTOR

Teams # 21047

Need Date 06/01/2027 Start Date 01/01/2025

Description

Reconductor the 4.9 miles Griffin Rd to Echeconnee segment of the Broadway - Echeconnee 115kV line with 210C 636 ACCR conductor. Replace the limiting jumper with higher rated jumper.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2029 to 2027

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - GULLATT ROAD TRANSMISSION IMPROVEMENTS

Teams # 20771

Need Date 06/01/2027 Start Date 06/01/2024

Description

Rebuild the Morrow - Yates Common 115kV line from Line Creek to the new Gullatt Road substation.
Rebuild the Line Creek - Fairburn #2 115kV line from Line Creek to the new Gullatt Road substation.
Remove the Owens Corning Tap Connection on the Morrow - Yates Common 115kV line and rebuild the line from North Coweta to Str 1. Build new line section from Str 1 to the new Gullatt Road substation. All rebuilds will be done with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - HILL VIEW & GRASSY HOLLOW SUB - IMPROVEMENTS

Teams # 20150

Need Date 06/01/2027 Start Date 06/01/2023

Description

Build two 230kV switching stations (Hill View and Grassy Hollow) looping into the Cartersville - McGrau Ford 230kV line. Build two new 230kV lines: Cass Pine - Great Valley and Great Valley - Grassy Hollow.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced within 2027

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - PROJECT SPEEDWAY (NETWORK IMPROVEMENTS)

Teams # 21332

Need Date 06/01/2027 Start Date 06/01/2025

Description

Construct a new 500/230kV substation and loop in the Ohara - Scherer 500kV line. Install two 500/230kV auto transformers and build two new 1-mile 230kV lines each to Speedway #1 and Speedway #2, utilizing 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - SHUGART (NETWORK IMPROVEMENTS)

Teams # 18736

Need Date 06/01/2027 Start Date 12/31/2022

Description

GPC will rebuild and reconfigure the Line Creek 230kV substation and connect the Morrow - Yates 230kV line and the Union City - Yates 230kV White and Black lines into Line Creek. Build two short lines from Line Creek to Shugart Farms (0.3 miles each) with 100C 1351 ACSR Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - SUMMER LAKE - VILLA RICA 230kV REBUILD (IMPROVEMENTS)

Teams # 20781

Need Date 06/01/2027 Start Date 06/01/2025

Description

Rebuild a 2.5 miles portion of the Summer Lake - Villa Rica 230kV line with bundled 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - TA REALTY ELLENWOOD NETWORK IMPROVEMENTS

Teams # 20736

Need Date 06/01/2027 Start Date 06/01/2024

Description

Rebuild and Reconductor the Austin Drive - Morrow 115kV line. Rebuild with 200C 1351 ACSS Martin on the Austin Drive - Rainbow Drive section. Reconductor with 180C 973 ACCS between Rainbow Drive - River Road - Williamson Road and 180C 1780 ACCS between Williamson Road - Ellenwood - Morrow. At Austin Drive 115kV, replace the 230/115kV auto transformer along with upgrades of other limiting elements at the station. Remove limiting elements at River Road, Rainbow Drive, Ellenwood and Morrow.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

Estimated Cost – GTC

Estimated Cost – MEAG

Estimated Cost – DU

Estimated Cost – ITS

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GTC: ADAMSVILLE - BUZZARD ROOST 230kV REBUILD

Teams # 20858

Need Date 06/01/2027 Start Date 06/01/2025

Description

Rebuild approximately 5 miles of the Adamsville - Buzzard Roost 230kV line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DOUGLASVILLE - VILLA RICA 230kV REBUILD (CC NET IMPRVT)

Teams # 20776

Need Date 06/01/2027 Start Date 06/01/2025

Description

Rebuild a 2.5 miles section of the Villa Rica - Douglasville 230kV line with bundled 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

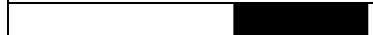
Change From Previous Ten-Year Plan

No change

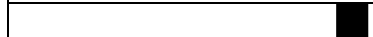
Estimated Cost – GPC



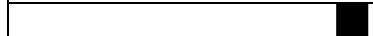
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DOYLE - WINDER PRIMARY 230kV LINE JUMPER REPLACEMENT

Teams # 20778

Need Date 06/01/2027 Start Date 12/31/2025

Description

Replace the limiting jumper with higher rated equipment at Doyle on the Doyle - Winder Primary 230kV line.

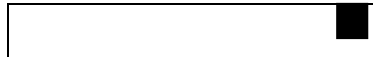
Supporting Statement

[REDACTED]

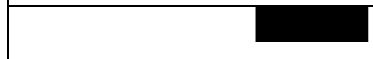
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



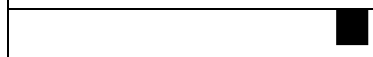
Estimated Cost – GTC



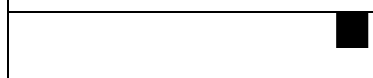
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: EAST MOULTRIE - HIGHWAY 37 230kV LINE

Teams # 19358

Need Date 06/01/2027 Start Date 06/01/2022

Description

Build 27 miles of new 230kV line between HWY 37 and East Moultrie substations with 100C 1351 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: EAST WALTON 500/230kV PROJECT

Teams # 09662

Need Date 06/01/2027 Start Date 06/01/2023

Description

GTC:

- Construct the East Walton 500/230kV substation
- Construct the Bostwick 230kV switching station
- Construct the East Walton - Rockville 500kV line
- Construct the Bethabara - East Walton 230kV line
- Construct the Bostwick - East Walton 230kV line
- Construct the East Walton - Jack's Creek 230kV line
- At Bethabara, terminate the East Walton 230kV line
- Loop the East Social Circle - East Watkinsville 230kV line into Bostwick
- Replace line trap at East Watkinsville on the Bostwick 230kV line

GPC:

- Construct the Rockville 500kV switching station
- Loop the Scherer - Warthen 500kV line into Rockville
- Loop the Doyle - LG&E Monroe 230kV line into Jack's Creek.

MEAG:

- Construct the Jack's Creek 230kV switching station

Supporting Statement



Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

Estimated Cost – GTC

Estimated Cost – MEAG

Estimated Cost – DU

Estimated Cost – ITS

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GTC: GARRETT RD - V. RICA 230kV LINE RECONDUCTOR NETWORK IMPROV

Teams # 20505

Need Date 06/01/2027 Start Date 01/01/2026

Description

Reconductor the section from East Villa Rica Switching station to Garrett Rd with 160C 1351 ACSS on 11.5 miles of the Garrett Road - Villa Rica 230kV line. Additionally, the 2.5 miles section from East Villa Rica Switching Station to Villa Rica will be rebuilt with bundled 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

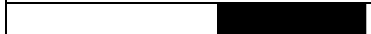
Change From Previous Ten-Year Plan

No change

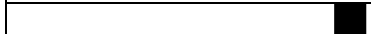
Estimated Cost – GPC



Estimated Cost – GTC



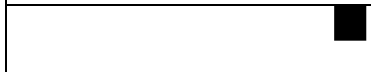
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: JACKSON 115kV BUS AND JUMPER UPGRADES

Teams # 21284

Need Date 06/01/2027 Start Date 02/01/2026

Description

Upgrade limiting elements on the 115kV bus at Jackson to a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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GTC: MORNING HORNET - STANTON SPRINGS 115kV

Teams # 20015

Need Date 06/01/2027 Start Date 06/01/2024

Description

Add a second 230/115kV auto transformer at Morning Hornet substation. Also, build a new 115kV line from Morning Hornet to Stanton Springs approximately 2.4 miles, with 100C 1351 ACSR conductor. GPC: Rebuild 0.1-mile segment of the Stanton Springs - Thumbs Up 115kV line with 200C 795 ACSS.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2026 to 2027

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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GTC: RIDDLEVILLE 115kV BUS REPLACEMENT

Teams # 19622

Need Date 06/01/2027 Start Date 01/09/2023

Description

Replace the main 115kV bus at the substation with higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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GTC: SKC 115kV BUS AND JUMPER REPLACEMENT

Teams # 19606

Need Date 6/1/2027 Start Date 06/01/2025

Description

Upgrade limiting elements at the SKC substation to a higher rating.

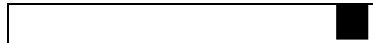
Supporting Statement

[REDACTED]

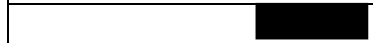
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



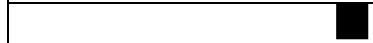
Estimated Cost – GTC



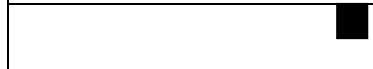
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: SWITCH WAY - THORNTON ROAD 230kV LINE REBUILD

Teams # 20506

Need Date 06/01/2027 Start Date 01/01/2025

Description

Rebuild the Switch Way - Thornton Road 230kV line, approximately 1.3 mi, with minimum rating of 160C 1033 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



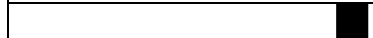
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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JESUP - OFFERMAN 115kV REBUILD

Teams # 18668

Need Date 06/01/2027 Start Date 04/06/2021

Description

Rebuild approximately 20 miles of the Jesup - Offerman 115kV line with 100C 795 ACSR Drake conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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LAWRENCEVILLE - WINDER PRIMARY 230kV LINE REBUILD

Teams # 10481

Need Date 06/01/2027 Start Date 06/01/2024

Description

Rebuild the entire Lawrenceville - Winder Primary 230kV line, approximately 19.4 miles, with 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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LLOYD SHOALS: REMOVE LIMITING ELEMENTS ON 115kV

Teams # 21283

Need Date 06/01/2027 Start Date 02/01/2026

Description

Upgrade limiting elements on the 115kV bus at Lloyd Shoals to a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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MEAG: LAWRENCEVILLE #3 BUS AND JUMPER REPLACEMENT

Teams # 21688

Need Date 06/01/2027 Start Date 06/01/2026

Description

Upgrade bus and jumpers at Lawrenceville #3 station.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New Project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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MEAG: RAY PLACE RD - WASHINGTON 115kV LINE REBUILD

Teams # 20270

Need Date 06/01/2027 Start Date 01/01/2024

Description

Rebuild approximately 17.4 miles of the Ray Place Rd - Washington 115kV line using 100C 795 ACSR conductor and upgrade limiting elements at substation along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2026 to 2027.

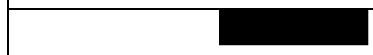
Estimated Cost – GPC



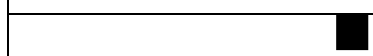
Estimated Cost – GTC



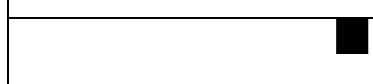
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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MEAG: RAY PLACE RD - WASHINGTON (WASHNGTN - WASHNGTN 3) 115kV

Teams # 20271

Need Date 06/01/2027 Start Date 06/01/2025

Description

Rebuild approximately 1.6 miles of the Ray Place Rd - Washington 115kV line using 100C 1351 ACSR conductor. Upgrade limiting element at substation along the line.

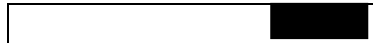
Supporting Statement

[REDACTED]

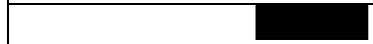
Change From Previous Ten-Year Plan

Delayed from 2026 to 2027

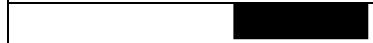
Estimated Cost – GPC



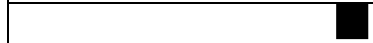
Estimated Cost – GTC



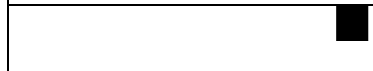
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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MEAG: RAY PLACE RD - WARRENTON PRIMARY 115kV RECONDUCTOR

Teams # 20264

Need Date 06/01/2027 Start Date 01/01/2026

Description

Reconductor approximately 10 miles of the Ray Place - Warrenton Primary 115kV line with 170C ACSS conductor. Upgrade limiting element at substation along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC: NORTH SPA 230kV (NETWORK IMPROVEMENTS)

Teams # 21093

Need Date 06/01/2027 Start Date 01/01/2025

Description

This project includes the following scope of work:
Build a new 230kV switching station north of Oasis with 4 - breakers.
Loop in the East Social Circle - Oasis (White) 230kV line.
Build new Alcovy Trestle 230kV switching Station.
Build new 7 miles, 230kV line from North Spa to Alcovy Trestle with (2) 200C 1351 ACSS.
Build new 6 miles, 230kV line from Morning Hornet to Alcovy Trestle with (2) 200C 1351 ACSS.
Build (2) lines from Alcovy Trestle to customer substation with (2) 200C 1351 ACSS approximately 3.5 and 4 miles long.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2030 to 2027

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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SANDERSVILLE #1 - WADLEY PRI. 115kV REBUILD

Teams # 19248

Need Date 06/01/2027 Start Date 02/15/2022

Description

Rebuild approximately 24.3 miles of the Sandersville #1 - Wadley Primary 115kV line with 100C 1351 ACSR Drake conductor. Replace limiting elements in substations along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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SAV: GOSHEN (SAV) - KRAFT 115kV LINE RECONDUCTOR

Teams # 20785

Need Date 06/01/2027 Start Date 06/01/2024

Description

Rebuild a 3.48 miles section of the Goshen - Kraft 115kV line from 100C 795 ACSR Drake to 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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SOUTH MACON 115kV BUSES 1 & 2 REPLACEMENT

Teams # 20768

Need Date 06/01/2027 Start Date 01/15/2025

Description

Replace the 115kV buses 1 and 2 at South Macon with higher rating. Replace the limiting elements on the station with higher rating equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2028 to 2027

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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GRID: ARKWRIGHT - LLOYD SHOALS 115kV LINE REBUILD

Teams # 18573

Need Date 07/30/2027 Start Date 06/01/2021

Description

Rebuild the Arkwright - Lloyd Shoals 115kV line, approximately 37 miles, with 100C 795 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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CC - TOMOCHICHI 500/230kV SOLUTION (NETWORK IMPROVEMENTS)

Teams # 20717

Need Date 09/15/2027 Start Date 06/01/2024

Description

Build the new Tomochichi 500/230kV station splitting the Ohara - Scherer 500kV line. Build two 230kV lines from the new Tomochichi substation to the new Towaliga River 230kV substation with bundled 200C 1351 ACSS Martin. One will be 6 miles, and one will be 5 miles. Also adjust the tap settings on the 500/230kV transformer to address high voltage concerns on the 230kV system.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed within 2027

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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GTC: GLENWOOD SPRINGS - LICK CREEK 115kV REBUILD

Teams # 20591

Need Date 12/01/2027 Start Date 10/01/2023

Description

Rebuild approximately 7.5 miles of the Glenwood Springs - Lick Creek 115kV line section with 100C 795 ACSR conductor.

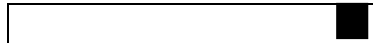
Supporting Statement

[REDACTED]

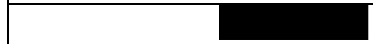
Change From Previous Ten-Year Plan

No change

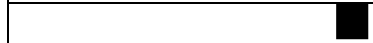
Estimated Cost – GPC



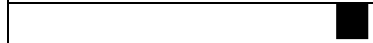
Estimated Cost – GTC



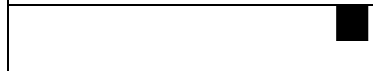
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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ATHENA - EAST WATKINSVILLE 115 kV REBUILD

Teams # 17977

Need Date 12/31/2027 Start Date 08/01/2024

Description

Rebuild approximately 8.47 miles of the Athena - East Watkinsville 115kV line with 100C ACSR 1033 conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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JESUP - WEST BRUNSWICK 115 kV REBUILD

Teams # 18624

Need Date 12/31/2027 Start Date 12/31/2025

Description

Rebuild the Jesup - West Brunswick 115kV line, approximately 31.44 miles, with 100C 795 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BARTLETTS FERRY - BACKWATER TAP 115kV REBUILD

Teams # 21287

Need Date 06/01/2028 Start Date 06/01/2026

Description

Rebuild the Bartlett's Ferry - Backwater Tap section of the Bartletts Ferry - West Point (APC) 115kV line with 200C 1351 AAC conductor. Replace switch with higher rated switch.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BIG SOUTH GRIFFIN - TOMOCHICHI 230kV NEW LINE

Teams # 21580

Need Date 06/01/2028 Start Date 06/01/2026

Description

Build a 7 miles 230kV line from Tomochichi to South Griffin using 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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CARTERSVILLE - EMERSON 230kV LINE REBUILD

Teams # 21292

Need Date 06/01/2028 Start Date 06/01/2026

Description

Rebuild 5.3 mile of the Cartersville to Emerson 230kV line and replace limiting line elements

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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CC - DEER CREEK 500/230kV SOLUTION (NETWORK IMPROVEMENTS)

Teams # 21419

Need Date 06/01/2028 Start Date 01/01/2026

Description

Build a 500/230kV station (Deer Creek) splitting the Bonaire Primary - Scherer 500kV line. Install two 500/230kV auto transformers and build 2 bundled 200C 1351 ACSS Martin 230kV lines from Deer Creek to Little Deer Creek.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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CC - EAST VILLA RICA SWITCHING STATION (IMPROVEMENTS)

Teams # 20797

Need Date 06/01/2028 Start Date 06/01/2025

Description

Build a switching station along the right of way of the (3) 230kV lines about 2.5 miles East of Villa Rica. All three lines will terminate into this station.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - VILLA RICA UPGRADES (NETWORK IMPROVEMENTS)

Teams # 20774

Need Date 06/01/2028 Start Date 06/01/2025

Description

Add a new 500/230kV auto transformer at Villa Rica, and loop in and out the Bowen - Union City 500kV line into Villa Rica. Reconfigure the 230kV yard.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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CORN CRIB - LAGRANGE 115kV RECONDUCTOR

Teams # 21324

Need Date 06/01/2028 Start Date 12/01/2025

Description

Reconductor a 14.1 miles section of the Corn Crib - LaGrange 115kV line with C7 Tortuga conductor.
Replace limiting elements at Corn Crib.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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DYER ROAD - EAST ROANOKE 115kV REBUILD

Teams # 20024

Need Date 06/01/2028 Start Date 06/01/2025

Description

Rebuild 20.7 miles from Dyer Road to Wansley tap on the Dyer Road - East Roanoke (APC) 115kV line with advanced conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2027 to 2028

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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FITZGERALD - PITTS 115kV LINE PARTIAL REBUILD

Teams # 21048

Need Date 06/01/2028 Start Date 06/01/2025

Description

Rebuild the Pitts to Whittle segment, 9.1 miles of the Fitzgerald - Pitts 115kV line with 200C 1351 ACSS conductor and reconductor the Whittle to HWY 233 segment with 100 762 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: BARNEYVILLE - EAST MOULTRIE 115kV NEW LINE

Teams # 20503

Need Date 06/01/2028 Start Date 06/01/2025

Description

Build a new 20 miles of 115kV line with 200C 1351 ACSS from Barneyville to East Moultrie. Add 115kV breakers to Barneyville and East Moultrie substations.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: BOSTWICK - EAST SOCIAL CIRCLE 230kV RECONDUCTOR

Teams # 19992

Need Date 06/01/2028 Start Date 12/31/2024

Description

Reconductor approximately 10.8 miles of the East Social Circle - East Watkinsville 230kV line from 1033 ACSR Curlew conductor to 1033 ACCR 200C conductor.

Supporting Statement

[REDACTED]

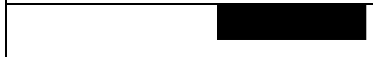
Change From Previous Ten-Year Plan

No change

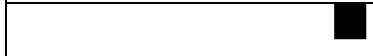
Estimated Cost – GPC



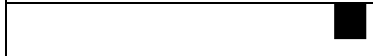
Estimated Cost – GTC



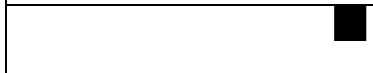
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: CC - BOBCAT PROJECT (NETWORK IMPROVEMENTS)

Teams # 21695

Need Date 06/01/2028 Start Date 11/15/2024

Description

Construct 3 load serving substations (Ward Creek, Pittman Lake, and Gourd Branch) in support of the Bobcat customer load. Construct 2 230 kV substations named Brandon Farms and Emerson. Construct 3 230 kV transmission lines from Brandon Farms (11 miles), Emerson (5.5 miles), and Dabb Bridge (4.5 miles) into the Bobcat load serving stations with (2) 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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GTC: MCDONOUGH - SOUTH GRIFFIN 115kV REBUILD

Teams # 21282

Need Date 06/01/2028 Start Date 12/01/2025

Description

In 2028, rebuild 5.8 miles from McDonough to Locust Grove to Luella Jct using 200C 1351 ACSS Martin. Replace all limiting elements including switches and jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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GTC: NEW HAMPTON 230/115kV SUB

Teams # 21567

Need Date 06/01/2028 Start Date 12/01/2025

Description

Construct a new 230/115kV substation next to the existing Hampton 115kV substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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GTC: SMARR 500kV TRANSMISSION SERVICE

Teams # 21345

Need Date 06/01/2028 Start Date 06/01/2025

Description

Construct the Rum Creek 500kV switching station. Loop in the existing Bonaire Primary - Scherer and O'Hara - Scherer 500kV lines. Terminate the new Big Smarr - Rum Creek 500kV line. Construct the new line using 100C (3) 1113 ACSR Bluejay conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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HAMMOND 230 & 115kV REACTORS

Teams # 21274

Need Date 06/01/2028 Start Date 06/01/2026

Description

Install a new 3% reactor at Hammond on the 230kV bus for the Anniston - Hammond 230kV line.
Install a 2% reactor at Hammond on the 115kV bus for the Hammond - Weiss Dam 115kV line

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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HAMPTON AREA 115 TO 230kV LINE CONVERSIONS

Teams # 21566

Need Date 06/01/2028 Start Date 12/15/2025

Description

Convert Hampton – Ohara 115kV and Jonesboro – Ohara 115kV to create a new Jonesboro – Hampton 230kV line. Convert Hampton – South Griffin 115kV to 230kV operation. Loop in Jonesboro - Ohara 115kV through Bonanza so it is not radial. Install a new 230/115kV auto transformer at Jonesboro.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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HAMPTON - HILLS BRIDGE 230kV NEW LINE

Teams # 21582

Need Date 06/01/2028 Start Date 06/01/2026

Description

Build a 6 miles 230kV line from Hills Bridge to Hampton using 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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HILLS BRIDGE - SOUTH COWETA 230kV NEW LINE

Teams # 21674

Need Date 06/01/2028 Start Date 06/01/2026

Description

Build a 13 miles 230kV line from Hills Bridge to South Coweta using 200C 1351 ACSS Martin conductor. Install a second 230/115kV auto transformer at South Coweta.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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LINE CREEK TERMINAL EQUIPMENT REPLACEMENT

Teams # 21605

Need Date 06/01/2028 Start Date 06/01/2026

Description

At Line Creek, upgrade terminal equipment associated with Yates, Union City and Morrow 230kV lines with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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LLOYD SHOALS - PORTERDALE PRIMARY 115kV REBUILD

Teams # 21141

Need Date 06/01/2028 Start Date 03/01/2026

Description

Rebuild a portion of the Lloyd Shoals - Porterdale Primary 115kV line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2029 to 2028

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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MCDONOUGH - TOMOCHICHI 230kV NEW LINE

Teams # 21581

Need Date 06/01/2028 Start Date 06/01/2026

Description

Build a 13 miles 230kV line from Tomochichi to McDonough using 200C 1351 ACSS Martin conductor.
Install a 230/115kV auto transformer at McDonough.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: BIG SOUTH GRIFFIN 230/115kV SUBSTATION

Teams # 21568

Need Date 06/01/2028 Start Date 12/01/2025

Description

Build a new 230/115kV substation and relocate all lines except for the South Coweta and Griffin #1 115kV lines from the existing South Griffin substation. Terminate the newly converted Hampton - South Griffin 230kV line. Install two 230/115kV auto transformers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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MEAG: BRUMBLEY CREEK - SOUTH BAINBRIDGE 115kV REBUILD

Teams # 19629

Need Date 06/01/2028 Start Date 01/01/2024

Description

Rebuild 2.1 miles segment from line tap into Roddenberry Station on the South Bainbridge - Thomasville 115kV line from 50C ACSR TW 762.8 to 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

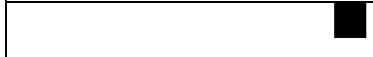
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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MEAG: THOMASVILLE 230/115kV AUTO TRANSFORMER REPLACEMENT

Teams # 19630

Need Date 06/01/2028 Start Date 06/01/2027

Description

Replace the 230/115kV auto transformer #4 at Thomasville substation with higher rated equipment.

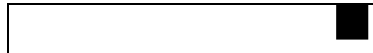
Supporting Statement

[REDACTED]

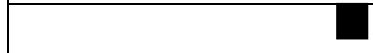
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



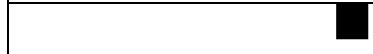
Estimated Cost – GTC



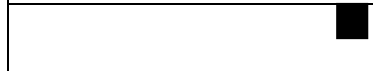
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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MORROW: REMOVE LIMITING ELEMENTS ON AUTO TRANSFORMER A

Teams # 21279

Need Date 06/01/2028 Start Date 02/01/2026

Description

At Morrow, upgrade the 115kV switch on the low side of auto transformer to a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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PITTMAN ROAD - WEST POINT DAM (USA) 115kV RECONDUCTOR

Teams # 20482

Need Date 06/01/2028 Start Date 06/01/2025

Description

Reconductor the Pittman Road - West Point Dam (USA) 115kV line with 336 ACSS 200C conductor.
Replace AAC 750 jumper at Pittman Road 115kV with 1590 AAC.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

Estimated Cost – GTC

Estimated Cost – MEAG

Estimated Cost – DU

Estimated Cost – ITS

Assigned*

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PUBLIC DISCLOSURE

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PLANT YATES SUBSTATION REBUILD

Teams # 20656

Need Date 06/01/2028 Start Date 05/01/2024

Description

Rebuild the Yates 6 & 7 230kV substation and upgrade the configuration.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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RAINBOW DRIVE AREA CAPACITOR

Teams # 21319

Need Date 06/01/2028 Start Date 06/01/2026

Description

Install a 115kV capacitor bank at Ellenwood substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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SAV: COLEMAN - DEAN FOREST 115kV LINE RECONDUCTOR

Teams # 20783

Need Date 06/01/2028 Start Date 06/01/2025

Description

Rebuild the entire Coleman - Dean Forest 115kV line, approximately 6.7 miles of 100C 477 Hawk with 200C 1351 ACSS Martin. At Chatham County, upgrade jumpers and bus. At Dean Forest, remove limiting elements by upgrading jumpers. Rebuild approximately 1.7 miles of the Coleman – Meldrim line section.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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SAV: GOSHEN (SAV) - MCINTOSH 115kV LINE REBUILD

Teams # 20065

Need Date 06/01/2028 Start Date 06/01/2025

Description

Rebuild the Goshen (Savannah) - Georgia Pacific (Rincon) section, approximately 6.7 miles, of the Goshen (Sav) - McIntosh 115kV line using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2027 to 2028

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SMART VALVES AT EAST VILLA RICA SWITCHING STATION

Teams # 21069

Need Date 06/01/2028 Start Date 06/01/2026

Description

Install Advanced Power Flow Controllers at the new East Villa Rica Switching Station on the Douglasville - Villa Rica 230kV and Summer Lake - Villa Rica 230kV lines.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

Estimated Cost – GTC

Estimated Cost – MEAG

Estimated Cost – DU

Estimated Cost – ITS

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UNION CITY - YATES 230kV (BLACK) LINE REBUILD

Teams # 20274

Need Date 06/01/2028 Start Date 06/01/2025

Description

Rebuild the Union City - Yates 230kV (Black) line with bundled 200C 795 ACSS Martin conductor.
Replace limiting elements at Union City, Fairburn #1 and Line Creek substations.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BOWEN NETWORK UPGRADES

Teams # 21179

Need Date 09/01/2028 Start Date 6/1/2025

Description

Install 3 new 2% series reactors on the low side of the 500/230kV auto transformer, install two 230kV breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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SAV: RICE HOPE NEW AUTO TRANSFORMER 230/115kV

Teams # 20989

Need Date 11/01/2028 Start Date 06/01/2025

Description

Install a new 230/115kV auto transformer at Rice Hope and loop in the Crossgate - McIntosh 230kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2029 to 2028

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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FIRST AVENUE - NORTH COLUMBUS 115kV LINE REBUILD

Teams # 13166

Need Date 12/01/2028 Start Date 06/01/2025

Description

Rebuild 0.9 mile of the North Columbus - First Avenue 115kV line with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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AMERICUS - THRILL HILL 115kV REBUILD

Teams # 19958

Need Date 06/01/2029 Start Date 11/01/2025

Description

Rebuild 18.2 miles of the Americus - Thrill Hill 115kV line with 200C 1351 ACSS conductor. Replace jumpers at Americus and West Americus substations with higher rated jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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ASHLEY PARK-WANSLEY 500kV LINE

Teams # 21062

Need Date 06/01/2029 Start Date 12/01/2024

Description

Construct approximately 35 miles of 500kV line from Ashley Park to Wansley with 100C (3) 1113 Bluejay ACSR.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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BIG TAZEWELL – PLANT FARLEY (APC) 500kV LINE

Teams # 21063

Need Date 06/01/2029 Start Date 12/01/2024

Description

Construct a new 500kV line from Big Tazewell - Farley (APC) to substation, approximately 120 miles long. Construct a 500kV switching station to loop in the Blacksmith - Talbot 500kV line, terminate the new Farley - Tazewell 500kV and Talbot #2 - Tazewell 500kV lines.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2030 to 2029.

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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BOULEVARD - VIRGINIA AVENUE 230kV LINE RECONDUCTOR

Teams # 21293

Need Date 06/01/2029 Start Date 06/01/2026

Description

Reconductor 0.94 miles of the Boulevard - Virginia Avenue 230kV line with 180C Everglades C7.
Replace the limiting elements on the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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BUZZARD ROOST - FACTORY SHOALS 230kV NEW LINE

Teams # 21036

Need Date 06/01/2029 Start Date 06/01/2026

Description

Build 2 miles of new 230kV line from Buzzard Roost to Factory Shoals with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

Estimated Cost – GTC

Estimated Cost – MEAG

Estimated Cost – DU

Estimated Cost – ITS
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CONYERS - KLONDIKE 230kV SECOND LINE

Teams # 21142

Need Date 06/01/2029 Start Date 06/01/2026

Description

Build a new 7.2 miles line from Conyers to Klondike with 200C (2) 1351 ACSS Martin conductor. Build one new 230kV breaker terminal at Conyers and one new 230kV terminal at Klondike.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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EAST POINT - MORROW 115kV LIMITING ELEMENTS REMOVAL

Teams # 21628

Need Date 06/01/2029 Start Date 06/01/2026

Description

Remove limiting elements at the substation terminals for the East Point - Morrow 115kV lines. This involves upgrading associated switches and jumpers with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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GOAT ROCK REACTORS INSTALLATION

Teams # 21128

Need Date 06/01/2029 Start Date 06/01/2026

Description

Install 1% series reactors on the Fortson - Goat Rock (Black) 230kV and Fortson - Goat Rock (White) 230kV.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2030 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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GRADY - MORROW (WHITE) 115kV REBUILD

Teams # 21139

Need Date 06/01/2029 Start Date 06/01/2024

Description

Rebuild 1.76 miles of line from Grady - Moreland Way with 200C 1351 ACSS conductor. Rebuild 3.5 miles of line from Fayetteville Rd Jct - Conley Creek Jct with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2026 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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GRID - OFFERMAN-THALMANN (BLACK) 230kV

Teams # 21428

Need Date 06/01/2029 Start Date 12/01/2025

Description

Rebuild the Offerman - Thalmann (Black) 230kV line, approximately 31 miles, using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GRID: OFFERMAN-THALMANN (WHITE) 230kV

Teams # 21429

Need Date 06/01/2029 Start Date 12/01/2025

Description

Rebuild the Offerman - Thalmann (White) 230kV, approximately 31 miles, line using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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GTC: BARNESVILLE - BIG SOUTH GRIFFIN 230kV PROJECT

Teams # 08458

Need Date 06/01/2029 Start Date 01/01/2026

Description

Construct a new 19 miles, 230kV line from South Griffin substation - Barnesville Primary substation with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2028 to 2029

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: BARNESVILLE PRIMARY - THOMASTON 230kV

Teams # 21112

Need Date 06/01/2029 Start Date 06/01/2027

Description

Rebuild 13.24 miles of the Barnesville Primary - Thomaston 230kV line with 200C 1351 ACSS conductor. Replace line switches and jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: BAY CREEK 230/115kV SECOND AUTO TRANSFORMER

Teams # 10814

Need Date 06/01/2029 Start Date 06/01/2026

Description

Install a second 230/115kV auto transformer at the Bay Creek substation.

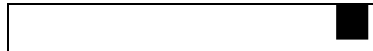
Supporting Statement

[REDACTED]

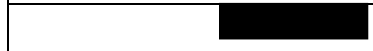
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



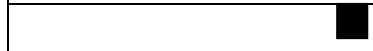
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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GTC: BIG TAZEWELL - TALBOT COUNTY - 500kV LINE

Teams # 21076

Need Date 06/01/2029 Start Date 12/01/2024

Description

Build a new 500kV line from Big Tazewell to Talbot #2, approximately 20 miles. Make all necessary accommodations at Big Tazewell and Talbot #2 for the new 500kV breakers and line termination.

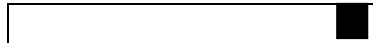
Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2030 to 2029

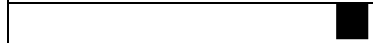
Estimated Cost – GPC



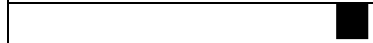
Estimated Cost – GTC



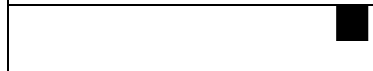
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: BUZZARD ROOST - THORNTON ROAD 230kV REBUILD

Teams # 21610

Need Date 06/01/2029 Start Date 06/01/2027

Description

Rebuild the Buzzard Roost - Thornton Road 230kV line, approximately 1 mile, with 200C 1351 ACSS conductor.

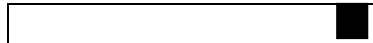
Supporting Statement

[REDACTED]

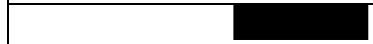
Change From Previous Ten-Year Plan

New project

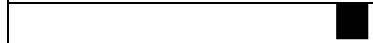
Estimated Cost – GPC



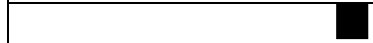
Estimated Cost – GTC



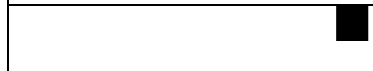
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: CLARKSBORO - WINDER PRIMARY 230kV REBUILD

Teams # 20773

Need Date 06/01/2029 Start Date 06/01/2026

Description

Rebuild approximately 14 miles of the Clarksboro - Winder 230kV line with 200C 1351 ACSS conductor.

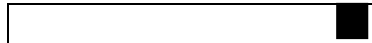
Supporting Statement

[REDACTED]

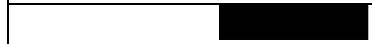
Change From Previous Ten-Year Plan

Advanced from 2033 to 2029

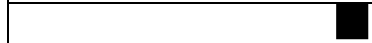
Estimated Cost – GPC



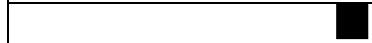
Estimated Cost – GTC



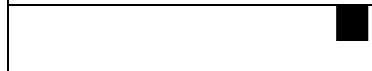
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: CLIFTONDALE - LINE CREEK 230kV LINE

Teams # 20849

Need Date 06/01/2029 Start Date 06/01/2026

Description

Build a new 11.6 miles 230kV line is being built from Cliftondale to Line Creek with 200C 1351 ACSS Martin.

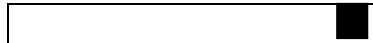
Supporting Statement

[REDACTED]

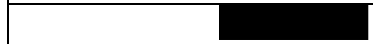
Change From Previous Ten-Year Plan

No change

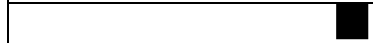
Estimated Cost – GPC



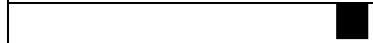
Estimated Cost – GTC



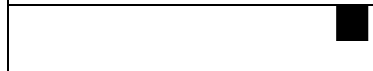
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DAWSON CROSSING - NELSON (BLACK) 115kV REBUILD

Teams # 21034

Need Date 06/01/2029 Start Date 06/01/2026

Description

Rebuild approximately 7.5 miles from Nelson to McClain Mountain to Big Canoe on the Dawson Crossing - Nelson (Black) 115kV line.

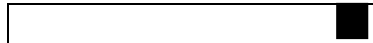
Supporting Statement

[REDACTED]

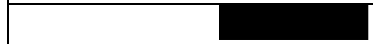
Change From Previous Ten-Year Plan

New project

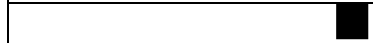
Estimated Cost – GPC



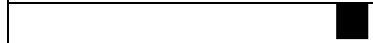
Estimated Cost – GTC



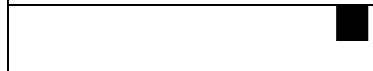
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DRESDEN - TALBOT 500kV LINE

Teams # 19950

Need Date 06/01/2029 Start Date 06/01/2025

Description

New 500kV line will be built from new Talbot substation to Dresden along with a new 500/230kV substation using 100C 3-1113 ACSR Bluejay conductor.

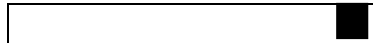
Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

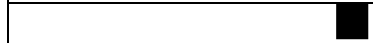
Estimated Cost – GPC



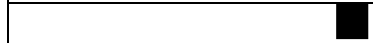
Estimated Cost – GTC



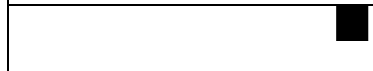
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: OHARA - SOUTH GRIFFIN 230kV LINE RECONDUCTOR

Teams # 21594

Need Date 06/01/2029 Start Date 06/01/2026

Description

Reconductor 23 miles of the Ohara - South Griffin 230kV line section using 200C 1351 ACSS Martin.

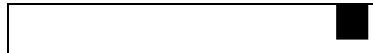
Supporting Statement

[REDACTED]

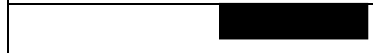
Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



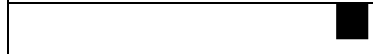
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: TALBOT COUNTY 500/230 kV CONVERSION

Teams # 21700

Need Date 06/01/2029 Start Date 06/01/2025

Description

Convert the 230kV Talbot County #1 and Talbot County #2 into a new 500/230kV facility and accommodate the new Big Tazewell - Talbot County 500kV line.

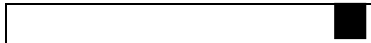
Supporting Statement

[REDACTED]

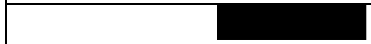
Change From Previous Ten-Year Plan

New project

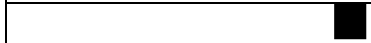
Estimated Cost – GPC



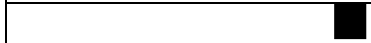
Estimated Cost – GTC



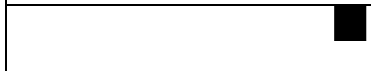
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: TENASKA - WANSLEY 500kV NEW LINE

Teams # 21123

Need Date 06/01/2029 Start Date 12/01/2024

Description

Construct 5 miles of 500kV line between Tenaska and Wansley. Make necessary accommodations at Tenaska for the line termination and reconfigure Wansley substation

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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HICKORY LEVEL - POST RD 115kV RECONDUCTOR

Teams # 21051

Need Date 06/01/2029 Start Date 06/01/2026

Description

Phase 1: Rebuild the 1.15 miles portion from Hickory Level to South Villa Rica J with 200C 1351 ACSS Martin.
Phase 2: In 2031, rebuild 4.5miles from Post Road to South Villa Rica J with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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KETTLE CREEK PRIMARY - PINE GROVE PRIMARY 115kV REBUILD

Teams # 20284

Need Date 06/01/2029 Start Date 06/02/2026

Description

Rebuild approximately 38.04 miles of the Kettle Creek - Pine Grove Primary 115kV line using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Project advanced from 2030 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MCEVER ROAD - SHOAL CREEK 115kV REBUILD

Teams # 19621

Need Date 06/01/2029 Start Date 12/31/2024

Description

Rebuild approximately 3.05 miles of the McEver Road - Shoal Creek 115kV line with 200C 1351 ACSS conductor using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: AULTMAN ROAD - FORT VALLEY #1 115kV REBUILD

Teams # 17706

Need Date 06/01/2029 Start Date 06/01/2026

Description

Rebuild approximately 8 miles of the Aultman Road - Fort Valley #1 115kV line with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: SLAPPEY DRIVE - WESTOVER 115kV LINE REBUILD

Teams # 11051

Need Date 06/01/2029 Start Date 06/01/2026

Description

Rebuild 2.92 miles from Slappey Drive to Albany #9 with 200C 1351 ACSS.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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NORCROSS - NORTH DRUID HILLS 115kV REBUILD

Teams # 20757

Need Date 06/01/2029 Start Date 01/01/2025

Description

Rebuild approximately 3.9 miles of the Norcross - North Druid Hills 115kV line with 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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POSSUM BRANCH - YATES COMMON 115KV REBUILD (YATES TO CLEM)

Teams # 15879

Need Date 05/01/2029 Start Date 06/01/2025

Description

Rebuild approximately 11 miles section of the Possum Branch - Yates 115kV line and replace limiting elements along the line with a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2027 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: BOULEVARD - MAGNOLIA - TRUMAN PARKWAY 115kV REBUILDS

Teams # 20407

Need Date 06/01/2029 Start Date 06/01/2025

Description

Rebuild 3 miles of the Magnolia - Truman Parkway with 200C 1351 ACSS Martin conductor. Upgrade switches at Magnolia substation to a higher rating switches and jumpers at Truman Parkway. Rebuild the entire Boulevard to Magnolia 115kV line, approx. 4.56 miles with 200C 1351 ACSS Martin or higher rated conductor. At Magnolia, replace a switch with a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2028 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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SAV: COLEMAN - MELDRIM 115kV LINE RECONDUCTOR

Teams # 20784

Need Date 06/01/2029 Start Date 06/01/2025

Description

Rebuild the Coleman - Meldrim 115kV line from Four Lakes - Structure 76A, approximately 8.1 miles, using 200C 1351 ACSS Martin. Upgrade two switches at Quacco Rd to a higher rating.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2032 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: DEAN FOREST - LITTLE OGEECHEE 230kV RECONDUCTOR

Teams # 21023

Need Date 06/01/2029 Start Date 01/01/2026

Description

Rebuild the entire line from Little Ogeechee - Salt Creek and Salt Creek - Dean Forest, approximately 8 miles, using 200C 1351 ACSS/Martin. Upgrade jumpers at the Little Ogeechee terminal.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

* The ITS Assigned designation is for parity forecast purposes only

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SAV: LITTLE OGEECHEE 230/115kV AUTO TRANSFORMER REPLACEMENT

Teams # 20787

Need Date 06/01/2029 Start Date 06/01/2025

Description

Replace South auto transformer 230/115kV auto transformer.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2034 to 2029

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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THOMASTON 230kV NETWORK AREA IMPROVEMENT

Teams # 16887

Need Date 06/01/2029 Start Date 01/01/2025

Description

Rebuild the radial Thomaston - Butler 115kV line to 230kV network operation. Build a new 230kV switching station to replace end of life equipment. Make all necessary upgrades and accommodations at the substation and along the line. Retire all 230kV equipment at Thomaston, except the 230/115kV auto transformers. All 230kV lines into Thomaston will terminate at Smokey Hollow.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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VIRGINIA AVENUE - WABASH AVENUE 230kV LINE RECONDUCTOR

Teams # 21296

Need Date 06/01/2029 Start Date 06/01/2026

Description

Reconductor 1.5 miles of the Virginia Avenue - Wabash Avenue 230kV line with 180C Everglades C7 conductor. Replace the limiting elements on the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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ASHLEY PARK 500kV BREAKERS INSTALLATION

Teams # 21160

Need Date 06/01/2029 Start Date 06/01/2026

Description

At Wansley, install three new 500kV breakers and associated equipment to accommodate for the new Ashley Park and Villa Rica lines.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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GTC: EASTMAN PRIMARY 230/115 kV AUTO TRANSFORMER REPLACEMENT

Teams # 21699

Need Date 12/01/2029 Start Date 06/01/2027

Description

Replace the Eastman Primary 230/115kV transformer with a higher rating transformer.

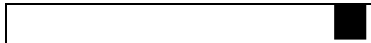
Supporting Statement

[REDACTED]

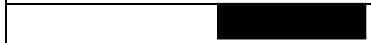
Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



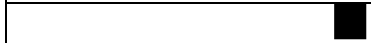
Estimated Cost – GTC



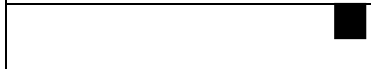
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: RUM CREEK - TOMOCHICHI (BLACK) 500kV LINE

Teams # 21073

Need Date 12/01/2029 Start Date 12/01/2024

Description

Construct a second 500kV line from Rum Creek to Tomochichi (Black) which is approximately 30 miles long with 100C (3) 1113 ACSR Bluejay conductor. Make the necessary modifications at Rum Creek and Tomochichi to add breakers and terminate the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Advanced from 2030 to 2029

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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ALBANY PRIMAY - PALMYRA 115kV NEW LINE

Teams # 21679

Need Date 06/01/2030 Start Date 06/01/2026

Description

Build a new 13.6 miles Albany Primary - Palmyra 115kV line using 200C ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BIG SHANTY 500/230kV SINGLE PHASE AUTO (SPARE)

Teams # 21655

Need Date 06/01/2030 Start Date 06/01/2026

Description

Install a new spare auto transformer at Big Shanty.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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BOWEN - JUDY MOUNTAIN 230kV REBUILD

Teams # 21497

Need Date 06/01/2030 Start Date 01/01/2027

Description

Rebuild the Bowen - Judy Mountain 230kV line, 32.79 miles, with (2) 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BOWEN-BRANDON FARM RD 230kV REBUILD

Teams # 16903

Need Date 06/01/2030 Start Date 06/01/2028

Description

Rebuild the 0.05 mile section outside Bowen on the Bowen - Pegamore 230kV line and replace limiting elements.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BROADWAY - ECHECONNEE 115kV REBUILD

Teams # 21625

Need Date 06/01/2030 Start Date 06/01/2026

Description

Rebuild the Griffin Rd to Broadway section of the Broadway - Echeconnee 115kV line, approximately 11.5 miles, with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BROADWAY-SOUTH MACON 115kV REBUILD

Teams # 21096

Need Date 06/01/2030 Start Date 06/01/2026

Description

Rebuild 3.7 miles of the Broadway - South Macon 115kV line with 200C 1351 ACSS conductor.
Replace limiting elements along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BUZZARD ROOST - TRIBUTARY 230kV REBUILD

Teams # 21098

Need Date 06/01/2030 Start Date 06/01/2027

Description

Rebuild the 2.8 miles Tributary - Thornton Road 230kV line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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CAVENDER DRIVE - WANSLEY 500kV LINE

Teams # 21496

Need Date 06/01/2030 Start Date 01/01/2026

Description

Build a new 500kV line approximately 37 miles long from Cavender Drive to Wansley long with bundled (3) 100C Bluejay 1113.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CC - NORTH GEORGIA NETWORK UPGRADES

Teams # 21130

Need Date 06/01/2030 Start Date 06/01/2026

Description

Construct approximately 7 miles of 115kV line with minimum 170C 1351 ACSS conductor on the North Jackson - Lawrence Smith 46kV ROW that is to be retired. Disconnect the East Maysville 115kV tap at Midway 115kV and terminate the new Pond Fork - Midway 115kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CORNELIA - TALLULAH LODGE 115kV REBUILD

Teams # 10478

Need Date 06/01/2030 Start Date 06/01/2027

Description

Rebuild approximately 9.7 miles of the Cornelia - Tallulah Lodge 115kV line with 200C 795 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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DU: DAWSON CROSSING - NELSON (WHITE) 115 kV REBUILD

Teams # 18669

Need Date 06/01/2030 Start Date 12/31/2024

Description

Rebuild approximately 15.7 miles of the Dawson Crossing - Nelson (White) 115kV line with 200C 1351 ACSS Martin.

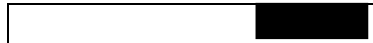
Supporting Statement

[REDACTED]

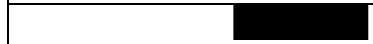
Change From Previous Ten-Year Plan

No change

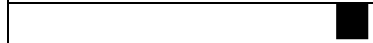
Estimated Cost – GPC



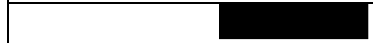
Estimated Cost – GTC



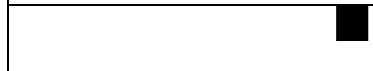
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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EAST POINT - TRIBUTARY 230kV REBUILD

Teams # 21097

Need Date 06/01/2030 Start Date 06/01/2027

Description

Reconductor the 4.2 miles section from Cavender Drive to Tributary with bundled C7 Everglades conductor on the East Point - Tributary 230kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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EAST POINT SWITCH REPLACEMENT

Teams # 21304

Need Date 06/01/2030 Start Date 06/01/2027

Description

At East Point, replace the switches and jumpers associated with the East Point - Tributary 230kV line with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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ECHECONNEE-WELLSTON 115kV

Teams # 19627

Need Date 06/01/2030 Start Date 06/01/2023

Description

Rebuild approximately 1.5 miles of the North Warner Robins - South Warner Robins segment of the Echeconnee - Wellston 115kV line with 200C 1351 ACSS conductor and the limiting elements along the line with higher ratings. Replace the Bus and jumper at North Warner Robins with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GLENWOOD SPRINGS - LAKE OCONEE 115KV LINE REBUILD

Teams # 20298

Need Date 06/01/2030 Start Date 06/01/2027

Description

Rebuild the Glenwood Springs - Putnam Sawmill Jct - North Eatonton Junction section of the line with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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GOLDENS CREEK - WARRENTON PRIMARY 230kV REBUILD

Teams # 19996

Need Date 06/01/2030 Start Date 06/01/2028

Description

Rebuild approximately 0.34 miles of the Goldens Creek - Warrenton Primary 230kV line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: BONAIRE PRIMARY - EASTMAN PRIMARY 115kV LINE REBUILD

Teams # 21140

Need Date 06/01/2030 Start Date 01/01/2026

Description

Rebuild 41.08 miles of the Bonaire Primary - Eastman Primary 115kV Line with 200C 1351 ACSS Martin conductor and upgrade the limiting bus with a higher rating.

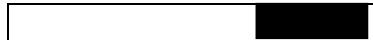
Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2029 to 2030

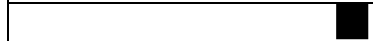
Estimated Cost – GPC



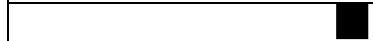
Estimated Cost – GTC



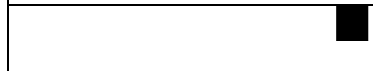
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: BUZZARD ROOST – ROCKHOUSE RD 230kV REBUILD

Teams # 21620

Need Date 06/01/2030 Start Date 06/01/2028

Description

Rebuild the Buzzard Roost – Rockhouse Road 230kV line circuit 2, approximately 0.81 mile, with 200C 1351 ACSS conductor.

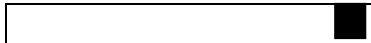
Supporting Statement

[REDACTED]

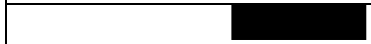
Change From Previous Ten-Year Plan

New project

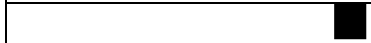
Estimated Cost – GPC



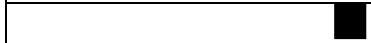
Estimated Cost – GTC



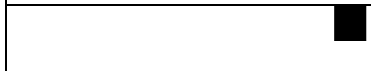
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: CAVENDER DRIVE 500/230kV AUTO TRANSFORMER

Teams # 21013

Need Date 06/01/2030 Start Date 06/01/2026

Description

Cavender Drive will become a 500/230kV station looping in the Villa Rica - Union City 500kV line and installing a 500/230kV auto transformer.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



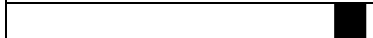
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DOUGLASVILLE - EAST VILLA RICA SS 230kV REBUILD

Teams # 21271

Need Date 06/01/2030 Start Date 06/01/2027

Description

Rebuild 8.2 miles of the Douglasville - East Villa Rica 230kV line with 200C 1351.0 ACSS Martin conductor.

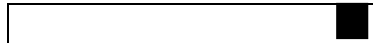
Supporting Statement

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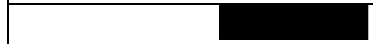
Change From Previous Ten-Year Plan

New project

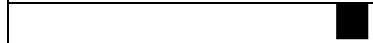
Estimated Cost – GPC



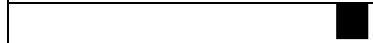
Estimated Cost – GTC



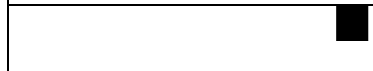
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DYER ROAD - SOUTH COWETA 115kV REBUILD PHASE 1

Teams # 21261

Need Date 06/01/2030 Start Date 06/01/2025

Description

Rebuild the 9.2 miles section on the Dyer Road - South Coweta 115kV line from Dyer Road to Madras with 200C 1351 ACSS Martin and replace limiting elements at Dyer Road and Madras.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: EAST WATKINSVILLE 230kV REACTOR REPLACEMENT

Teams # 20375

Need Date 06/01/2030 Start Date 06/01/2028

Description

Replace reactors at East Watkinsville on the Russell Dam 230kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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GTC: GORDON-SANDERSVILLE #1 115kV LINE REBUILD (DEEPSTEP-SAND #6)

Teams # 20428

Need Date 06/01/2030 Start Date 12/01/2023

Description

Rebuild 10.49 miles of the Deepstep - Robins Spring, Robins Spring - Kaolin Jct., and Kaolin Jct. - Sandersville #6 line sections of the Gordon - Sandersville #1 115kV line with 100C ACSR 795 conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: POND FORK - MIDWAY 115kV LINE

Teams # 21131

Need Date 06/01/2030 Start Date 06/01/2026

Description

Construct approximately 6 miles of 115kV line with minimum 170C 1351 ACSS conductor utilizing the existing GTC owned portion of the North Jackson - Lawrence Smith 46kV ROW. Add a second 230/115kV auto transformer at Pond Fork substation.

Supporting Statement

[REDACTED]

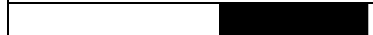
Change From Previous Ten-Year Plan

No change

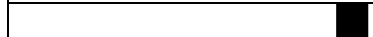
Estimated Cost – GPC



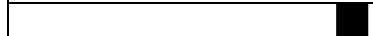
Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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GTC: ROCKVILLE -MINK CREEK -WARTHEN 500KV LINES

Teams # 21077

Need Date 06/01/2030 Start Date 12/01/2024

Description

Build the new 500kV line from Rockville to Mink Creek and Mink Creek to Warthen, approximately 20 miles and 9 miles long respectively with 100C (3) 1113 ACSR Bluejay conductor. Build the new 500kV Mink Creek substation. Make all necessary accommodations at Warthen and Rockville for the new 500kV breakers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: THORNTON RD- CAVENDER DRIVE 230kV NEW LINE

Teams # 21014

Need Date 06/01/2030 Start Date 06/01/2026

Description

Build a new 7 miles 230kV line from Cavender Drive to Buzzard Roost with 200C 1351 ACSS Martin.

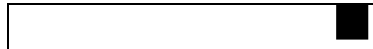
Supporting Statement

[REDACTED]

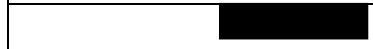
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



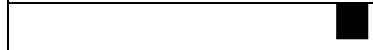
Estimated Cost – GTC



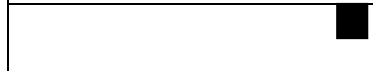
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: UNION CITY LINE TRAP UPGRADE

Teams # 21322

Need Date 06/01/2030 Start Date 06/01/2027

Description

Replace limiting elements at Union City for the Ashley Park 500kV line with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



Assigned*

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GTC: YATES - LINE CREEK 230kV (GREEN) REBUILD

Teams # 21298

Need Date 06/01/2030 Start Date 06/01/2026

Description

Rebuild 16.5 miles of the Yates - Line Creek (Green) 230kV line using 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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GTC: YATES - LINE CREEK 230kV (RED) REBUILD

Teams # 21321

Need Date 06/01/2030 Start Date 06/01/2026

Description

Rebuild 16.5 miles of the Yates - Line Creek (Red) 230kV line using 200C 1351 ACSS Martin.

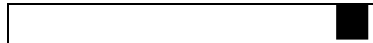
Supporting Statement

[REDACTED]

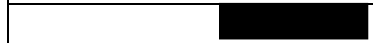
Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



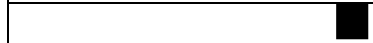
Estimated Cost – GTC



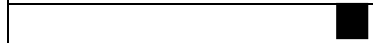
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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KATHLEEN - PERRY 115kV LINE REBUILD

Teams # 12680

Need Date 06/01/2030 Start Date 12/01/2026

Description

Rebuild the Kathleen - Perry 115kV line with 200C 1351 ACSS martin conductor. Replace the jumpers and switches along the Kathleen - Perry 115kV line with higher rated ones.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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KIA MOTORS - PITTMAN RD 115kV LINE RECONDUCTOR

Teams # 21326

Need Date 06/01/2030 Start Date 06/01/2028

Description

Rebuild a section of the Kia Motors - Pittman Rd 115kV line with 200C 1351 ACSS conductor. Replace limiting elements at Pittman Rd.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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LAWRENCEVILLE - WINDER PRIMARY 115kV LINE REBUILD

Teams # 10143

Need Date 06/01/2030 Start Date 10/15/2026

Description

Rebuild approximately 1.2 miles of the Lawrenceville - Winder 115kV line from Johns Manville to Winder Primary with 200C 795 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2027 to 2030

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: ATHENA - WARRENTON 230kV CONVERSION

Teams # 21118

Need Date 06/01/2030 Start Date 06/01/2025

Description

Reconductor, rebuild, and convert as necessary the 115kV lines from Athena - Union Point - Ray Place Road - Warrenton Primary to 230kV operation. Expand Athena 230kV bus for new line termination, construct 230kV bus at Union Point, and expand 230kV bus at Warrenton Primary for new line termination. Install 230/115kV auto transformers at Union Point Primary and Ray Place Road. Replace limiting network equipment at substations along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: FORTSON - TALBOT CO #2 230kV REBUILD

Teams # 21289

Need Date 06/01/2030 Start Date 06/01/2027

Description

Rebuild the Fortson - Talbot County #2 230kV line with 200C 1351 ACSS conductor and replace associated jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

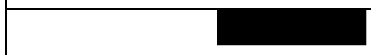
Estimated Cost – GPC



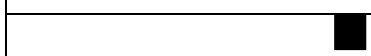
Estimated Cost – GTC



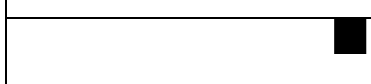
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
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MEAG: GOSHEN AREA STRATEGIC SOLUTION

Teams # 21116

Need Date 06/01/2030 Start Date 06/01/2025

Description

GPC: Construct a 230kV switching station on the Waynesboro - Wilson 230kV line.

MEAG: Build a new 230kV line between the switching station and Goshen, approximately 12.3 miles using 200C 1351 ACSS conductor.

GTC: Reconfigure Goshen substation and provide accommodations for the new 230kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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TALLULAH LODGE - TOCCOA 115kV REBUILD

Teams # 19995

Need Date 06/01/2030 Start Date 12/31/2025

Description

Rebuild the Tallulah Lodge - Toccoa 115kV Line with 100C 795 ACSR conductor (total of 10.3 miles).
Replace limiting elements in substations along the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

* The ITS Assigned designation is for parity forecast purposes only

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THOMSON PRIMARY 500/230kV SECOND TRANSFORMER

Teams # 21656

Need Date 06/01/2030 Start Date 06/01/2029

Description

Install a second 500/230kV auto transformer at Thomson Primary.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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WARTHEN 500kV SUBSTATION RECONFIGURATION

Teams # 21624

Need Date 06/01/2030 Start Date 01/01/2026

Description

Reconfigure the Warthen 500kV substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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ATKINSON - TILFORD YARDS 115kV REBUILD

Teams # 20761

Need Date 12/01/2030 Start Date 06/01/2027

Description

Rebuild 1.2 miles of the Atkinson - Tilford Yards 115kV line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed within 2030

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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BAINBRIDGE TRANSMISSION: EAST RIVER ROAD, EAST BAINBRIDGE

Teams # 18848

Need Date 12/31/2030 Start Date 06/01/2023

Description

This project will construct a new 115kV substation a mile north of the East Bainbridge substation. East Bainbridge will be simplified to a 115kV straight bus with two transmission lines for service to load, a generation interconnection and a capacitor bank.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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GLENWOOD SPRINGS 115kV CAP BANK

Teams # 19626

Need Date 12/31/2030 Start Date 01/01/2028

Description

Install a 115kV two stage capacitor bank at Glenwood Springs substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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BARNESVILLE AREA 115kV NETWORK SOLUTION

Teams # 21328

Need Date 06/01/2031 Start Date 06/01/2026

Description

On the Lloyd Shoals - S. Griffin 115kV line, replace conductor between Forsyth #2 - Stokes Store Rd (8.2 miles) and add a breaker to change network configuration. Also replace conductor between Stokes Store Rd - Jackson (8.7 miles). On the Barnesville Primary - S. Griffin 115kV line, replace jumpers and conductors from Barnesville Pri - N. Zebulon - Upper Pike - Griffin #3 Jct. (18.2 miles)

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BIG SHANTY 500kV BREAKER

Teams # 21270

Need Date 06/01/2031 Start Date 06/01/2026

Description

Install a 500kV breaker at Big Shanty substation.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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BOWEN #10 500/230kV AUTO TRANSFORMER REPLACEMENT

Teams # 10811

Need Date 06/01/2031 Start Date 06/01/2025

Description

Replace the existing Bowen #10 500/230kV auto transformer with a higher rated auto transformer.
Replace associated bus work and jumpers with higher rated equipment

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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DUM JON - SOUTH AUGUSTA 230kV LINE

Teams # 21641

Need Date 06/01/2031 Start Date 06/01/2028

Description

Build a new 6 miles line from Dum Jon substation to South Augusta substation using 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GAINESVILLE #2 - MCEVER ROAD 115kV REBUILD

Teams # 12120

Need Date 06/01/2031 Start Date 12/31/2025

Description

Rebuild approximately 5.3 miles of the Gainesville #2 - McEver Rd 115kV line with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2030 to 2031

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: ACHORD ROAD - NORTH DUBLIN 115kV LINE

Teams # 21618

Need Date 06/01/2031 Start Date 06/01/2026

Description

Rebuild the Achord Road to North Dublin 115kV line (approximately 9.84 miles) with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: AVERY - HOPEWELL 115kV RECONDUCTOR

Teams # 19632

Need Date 06/01/2031 Start Date 01/01/2028

Description

Reconductor approximately 3.3 miles of the Avery - Hopewell 115kV line with 100C 1033 ACSR conductor. Replace substation equipment along the section of the line.

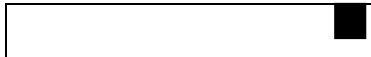
Supporting Statement

[REDACTED]

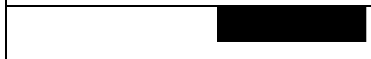
Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC



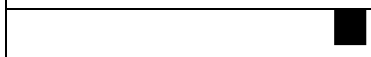
Estimated Cost – GTC



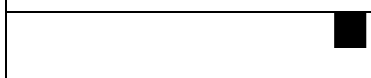
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: BONAIRE PRIMARY - ECHECONNEE 115kV LINE

Teams # 19610

Need Date 06/01/2031 Start Date 06/01/2026

Description

Rebuild the Bonaire Primary - Echeconnee 115kV line, approximately 19 miles with 200C 1351 ACSS conductor.

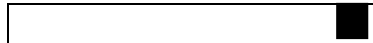
Supporting Statement

[REDACTED]

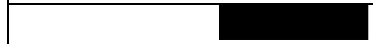
Change From Previous Ten-Year Plan

New project

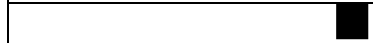
Estimated Cost – GPC



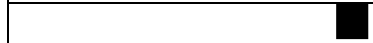
Estimated Cost – GTC



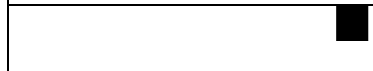
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: DRESDEN JUMPER REPLACEMENT

Teams # 21626

Need Date 06/01/2031 Start Date 06/01/2028

Description

Replace the jumpers at Dresden limiting the Dresden - Yates 230kV line with higher rated jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS



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GTC: OLA - PORTERDALE 115kV REBUILD

Teams # 21616

Need Date 06/01/2031 Start Date 06/01/2028

Description

Rebuild the Porterdale - Salem Road 115kV line segment, approximately 2.76 miles, using 200C 1351 ACSS Martin. Replace the limiting elements on the line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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HATCH - WADLEY 500 kV LINE STRATEGIC PROJECT

Teams # 20756

Need Date 06/01/2031 Start Date 07/03/2024

Description

Construct a new 500kV line from Hatch - Wadley Primary with (3) 100C 1113 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MEAG: PIO NONO 230/115kV AREA SOLUTION

Teams # 21099

Need Date 06/01/2031 Start Date 01/01/2025

Description

Build a 230kV/115kV substation to terminate 230kV lines from Dorsett, South Griffin, and Pitts. Install an auto transformer and terminate a line from Broadway. Make all necessary modifications to accommodate the necessary 230kV and 115kV lines terminations.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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NORTH TIFTON - PITTS 230kV LINE REBUILD

Teams # 21675

Need Date 06/01/2031 Start Date 06/01/2027

Description

Rebuild the overloaded section (approximately 11 miles) of the North Tifton - Pitts 230kV line with 200C 1351 ACSS martin conductor and replace the limiting switches at Pitts with higher rating switches.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	[REDACTED]
Estimated Cost – GTC	[REDACTED]
Estimated Cost – MEAG	[REDACTED]
Estimated Cost – DU	[REDACTED]
Estimated Cost – ITS Assigned*	[REDACTED]

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PITTMAN RD - WEST POINT (APC) 115kV REBUILD

Teams # 13040

Need Date 06/01/2031 Start Date 01/01/2028

Description

Rebuild 4.3 miles of the Pittman Road - West Point (APC) 115kV line with 200C 1351 ACSS conductor. Replace the bus and associated jumpers at West Point #2 with higher rated bus work and jumpers.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: GOSHEN (SAV) - KRAFT 115kV LINE REBUILD

Teams # 21297

Need Date 06/01/2031 Start Date 06/01/2027

Description

Rebuild 3.04 miles of the Goshen - Kraft 115kV line from 100C 795 ACSR Drake to 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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BAY CREEK - CONYERS 230kV REBUILD

Teams # 20248

Need Date 12/31/2031 Start Date 06/01/2027

Description

Rebuild the Rockdale to Bay Creek segment, approximately 15.29 miles, of the Bay Creek - Conyers 230kV line using 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Project delayed from 2029 to 2031

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
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[REDACTED]

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ADAMSVILLE – EAST POINT 230kV UPGRADE AND LIMITING ELEMENTS REPLACEMENT

Teams # 21598

Need Date 06/01/2032 Start Date 06/01/2029

Description

Upgrade the Adamsville - East Point 230kV line to 100C. At East Point, replace vendor rated adaptor and (2) 230kV switches with higher rated switches.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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ATKINSON - NORTHSIDE DRIVE 115kV REBUILD

Teams # 20764

Need Date 06/01/2032 Start Date 06/01/2027

Description

Rebuild a portion of the Atkinson – Northside Dr. 115kV line, approximately 3.2 miles from Atkinson to Chattahoochee with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2030 to 2032

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: DYER ROAD - SOUTH COWETA 115kV REBUILD PHASE 2

Teams # 21262

Need Date 06/01/2032 Start Date 06/01/2029

Description

Rebuild the 3.2 miles section on the Dyer Road - South Coweta 115kV line from South Coweta to McIntosh Trail with 200C 1351 ACSS Martin and replace limiting elements at South Coweta and McIntosh Trail.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

* The ITS Assigned designation is for parity forecast purposes only

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JUDY MOUNTAIN - ROME 115kV LINE REBUILD

Teams # 14681

Need Date 06/01/2032 Start Date 06/01/2029

Description

Rebuild the 4.9 miles Judy Mountain - Rome 115kV Line with 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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BAY CREEK - CONYERS 230kV LIMITING ELEMENT REPLACEMENT

Teams # 20758

Need Date 06/01/2033 Start Date 06/01/2031

Description

Replace equipment such as jumpers, switches, and traps at the Bay Creek, Rockdale, and Conyers substations with higher rating equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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CASH CREEK - MCGRAU FORD 500kV NEW LINE

Teams # 09661

Need Date 06/01/2033 Start Date 06/01/2026

Description

Construct a new 500kV line from McGrau Ford to the new Cash Creek facility with (3) 100C 1113 ACSR conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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EAST POINT - MOUNTAIN VIEW 115kV REBUILD

Teams # 21335

Need Date 06/01/2033 Start Date 06/01/2031

Description

Rebuild a portion of the East Point - Mountain View 115kV line, approximately 2.4 miles of 100C 397.5 ACSR between East Point - College Park # 3 Junction using 200C 1351 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: CASH CREEK - EAST WALTON 500kV NEW LINE

Teams # 21075

Need Date 06/01/2033 Start Date 12/01/2024

Description

Construct a new 500kV line from East Walton to the new Cash Creek substation, approximately 45 miles long with (3) 100C 1113 ACSR conductor. Make all necessary accommodations for new 500kV breakers at East Walton. Build a new Cash Creek 500kV facility in close proximity to Middle Fork substation to terminate the two new 500kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

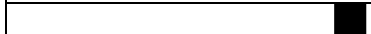
Estimated Cost – GPC



Estimated Cost – GTC



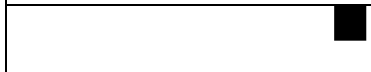
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: CENTER PRIMARY - CLARKSBORO 230kV REBUILD

Teams # 12217

Need Date 06/01/2033 Start Date 06/01/2028

Description

Rebuild the Center Primary - Clarksboro Primary 230kV line (approx. 8.3 miles) with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

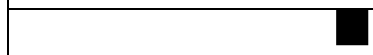
Estimated Cost – GPC



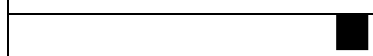
Estimated Cost – GTC



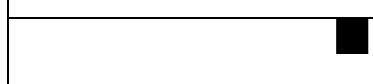
Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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GTC: EAST SOCIAL CIRCLE - SNELLVILLE 230kV EQUIPMENT UPGRADE

Teams # 12147

Need Date 06/01/2033 Start Date 06/01/2030

Description

Replace limiting elements on the East Social Circle - Snellville 230kV line with higher rated equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: SHOAL CREEK - SOUTH HALL 230kV REBUILD

Teams # 20791

Need Date 06/01/2033 Start Date 06/01/2029

Description

Rebuild approximately 7.9 miles of the Shoal Creek - South Hall 230kV line. Upgrade limiting elements on the line with 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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MCEVER ROAD - SHOAL CREEK 115kV REBUILD

Teams # 21053

Need Date 06/01/2033 Start Date 06/01/2030

Description

Rebuild approximately 2.9 miles of the McEver Road - Shoal Creek 115kV line, using 200C 1351 ACSS conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: MELDRIM 230/115kV AUTO TRANSFORMER D REPLACEMENT

Teams # 20796

Need Date 06/01/2033 Start Date 06/01/2030

Description

Replace Meldrim 230/115kV auto transformer.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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WINDER PRIMARY 230kV BREAKER INSTALLATION

Teams # 20759

Need Date 06/01/2033 Start Date 06/01/2031

Description

Install a 230kV breaker at the Winder Primary Station.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

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PINE GROVE PRIMARY - WEST VALDOSTA 115 kV REBUILD

Teams # 10487

Need Date 12/31/2033 Start Date 12/31/2029

Description

Rebuild 3.7 miles of 100C 4/0 ACSR conductor with 200C 795 ACSS Drake on the Bemis - Pine Grove Primary section of the Pine Grove Primary - West Valdosta 115kV line.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

No change

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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BULL SLUICE- POWERS FERRY 230kV LINE REBUILD

Teams # 21301

Need Date 06/01/2034 Start Date 06/01/2029

Description

Rebuild approximately 5.17 miles of line using 200C 1351 ACSS Martin conductor. Replace jumpers and OHGW.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: CUMMING - DAWSON CROSSING 115kV LINE REBUILD

Teams # 21291

Need Date 06/01/2034 Start Date 06/01/2030

Description

Rebuild approximately 12.7 miles of the Cumming - Dawson Crossing 115kV Line with 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC	
Estimated Cost – GTC	
Estimated Cost – MEAG	
Estimated Cost – DU	
Estimated Cost – ITS Assigned*	

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HOLLY SPRINGS - NELSON 115kV REBUILD

Teams # 21268

Need Date 06/01/2034 Start Date 06/01/2031

Description

Rebuild 8.1 miles from Nelson to Cherokee Water Jct. to North Keithsburg Jct. with 200C 1351.0 ACSS Martin.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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SAV: MELDRIM NEW 230/115kV AUTOTRANSFORMER

Teams # 21300

Need Date 04/15/2035 Start Date 06/01/2032

Description

Install a second 230/115kV auto transformer at Meldrim with associated station equipment.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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EAST POINT - UNION CITY (WHITE) 230kV REBUILD

Teams # 20690

Need Date 05/01/2035 Start Date 06/01/2028

Description

Rebuild 4.5 miles of 230kV line on the East Point - Union City 230kV (White) line with 200C 1351.5 ACSS Martin

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

Delayed from 2031 to 2035

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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DECATUR - SCOTSDALE 115kV LINE JUMPER REPLACEMENT

Teams # 21295

Need Date 06/01/2035 Start Date 06/01/2034

Description

Replace the limiting jumper along the Decatur - Scottdale 115kV line with higher rated jumper.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS

[REDACTED]

Assigned*

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EAST POINT - MORROW 115kV REBUILD

Teams # 21303

Need Date 06/01/2035 Start Date 06/01/2030

Description

Rebuild a 3 miles section of the East Point - Morrow 115kV line, 1.4 mile from East Point to College Point Tap and 1.5 mile from Morrow to Forest Park with 200C 1351 ACSS Martin. Also rebuild portions of Morrow - Mountain View and East Point - Mountain View 115kV lines.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC

[REDACTED]

Estimated Cost – GTC

[REDACTED]

Estimated Cost – MEAG

[REDACTED]

Estimated Cost – DU

[REDACTED]

Estimated Cost – ITS
Assigned*

[REDACTED]

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GTC: AVERY - HOLLY SPRINGS 115kV REBUILD

Teams # 21269

Need Date 06/01/2035 Start Date 06/01/2033

Description

Rebuild 2.43 miles section of the Avery - Holly Springs 115kV line with 200C 1351 ACSS Martin conductor.

Supporting Statement

[REDACTED]

Change From Previous Ten-Year Plan

New project

Estimated Cost – GPC



Estimated Cost – GTC



Estimated Cost – MEAG



Estimated Cost – DU



Estimated Cost – ITS
Assigned*



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F. Expansion Generation Units Details

The following projects are the result of the addition of Proxy Generation onto the ITS system.

The following information is included for each project:

- 1) project justification,
- 2) schedule for implementation (start date), and
- 3) expected required in-service date.

For transmission improvements, start dates are established to allow sufficient lead time to meet the required in-service date.

It is currently unknown where new generation resources will be located after 2029. To balance load and generation in the base cases as demand grows and existing fossil units retire, assumptions must be made regarding the locations of future generation assets. When creating cases, the expansion units listed in Table 9 are included as needed. These sites are selected where fossil units have been or are expected to be retired, as existing transmission connections are adequate and therefore expected to introduce minimal additional constraints.

No projects were attributed to the expansion units included in the base cases as shown below.

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Table 9 Expansion Unit Locations

Case Type	APC (MW)	MPC (MW)	GPC (MW)	Total (MW)	Version Cases
Winter 2029					V1
Winter 2030					V1
Winter 2031					V1
Winter 2032					V1
Winter 2033					V1
Winter 2034					V1
Winter 2035					V1
Hot Weather 2029					V1
Hot Weather 2030					V1
Hot Weather 2031					V1
Hot Weather 2032					V1
Hot Weather 2033					V1
Hot Weather 2034					V1
Hot Weather 2035					V1
Dusk Shoulder 2029					V1
Dusk Shoulder 2030					V1
Dusk Shoulder 2031					V1
Dusk Shoulder 2032					V1
Dusk Shoulder 2033					V1
Dusk Shoulder 2034					V1
Dusk Shoulder 2035					V1
Daylight Shoulder 2031					V1
Daylight Shoulder 2032					V1
Daylight Shoulder 2033					V1
Daylight Shoulder 2034					V1
Daylight Shoulder 2035					V1
Summer Peak 2032					V1

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Case Type	APC (MW)	MPC (MW)	GPC (MW)	Total (MW)	Version Cases
Summer Peak 2033	█	█	██████████	██	V1
Summer Peak 2034	█	█	██████████	██	V1
Summer Peak 2035	█	█	██████████	██	V1
Summer Peak 2030-35	█	█	██████████	██	V2
Dusk Shoulder 2030-35	█	█	██████████	██	V2
Offpeak 2030-35	█	█	██████████	██	V2
Dusk Shoulder Peak 2030-35	█	█	██████████	██	V2
Hot Weather 2030-35	█	█	██████████	██	V2
Winter 2030-35	█	█	██████████	██	V2

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V. ADDITIONAL SYSTEM ANALYSIS NOTES

Several additional studies are conducted throughout the year involving the Southern Company System as a whole. These studies are performed by the Transmission Planning – Bulk Transmission Group and may result in improvements to the Southern Company Transmission System, including the Georgia ITS. If system enhancements are identified, their impacts are incorporated into the annual planning cycle.

A. Interface Analysis

Interfaces within the Southern Balancing Authority Area (SBAA) are evaluated annually as part of the planning process. This analysis ensures that the SBAA can maintain all long-term firm transmission commitments and reliability reserve margins.

Northern Interface and Florida Interface Studies

The Northern Interface Study and Florida Interface Study assess the import and export capability of these interfaces while ensuring compliance with long-term transmission commitments and reserve margins. When a transmission project is identified through an Interface Study, the recommendation is included in the analysis results referenced above.

B. Nuclear Final Safety Offsite Power Report (FSAR) Study

The FSAR analysis is a requirement of the NUC-001 Nuclear Plant Interface Coordination for Southern Nuclear Operating Company and Transmission Planning. For GPC, this analysis is performed annually for Plant Vogtle and Plant Hatch and the results are communicated to Southern Nuclear.

C. Designation Studies

Designation Studies identify transmission system improvements needed to provide firm transmission capability for resources designated to serve native load customers and wholesale network customers.

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VI. APPENDIX

A. Validation Files / Reports

The transmission projects and operating guides listed were justified by data output from the report files listed below.

Table 10 PSSE Output Results

Version	File Location
v1C - STRE (2026-2035)	T:\TP-East\2025_TPE_Workplan\Screens\v1C
v2B - VAL (2026-2035)	T:\TP-Exp\2025\Version 2 Screens

Table 11 Thermal Problem Reports

Version	File Location
v1C - STRE (2026-2035)	T:\TP-East\2025_TPE_Workplan\Screens\V1C\Reports
v2B - VAL (2026-2035)	T:\TP-Exp\2025\Version 2 Screens\Reports\GPC

Table 12 Voltage Problem Reports

Version	File Location
v1C - STRE (2026-2035)	T:\TP-East\2025_TPE_Workplan\Screens\V1C\Reports
v2B - VAL (2026-2035)	T:\TP-Exp\2025\Version 2 Screens\Reports\GPC

Table 13 Study Reports

Study Type	File Location
P-Events	T:\TP-OATT_RegionalPlanning\Misc. Studies\25-001_TPL-001_Compliance
Extreme Events	T:\TP-OATT_RegionalPlanning\Misc. Studies\25-001_TPL-001_Compliance\ExtremeEvents
Northern Interface	T:\TP-OATT_RegionalPlanning\Interface\2025\NIS
Florida Interface	T:\TP-OATT_RegionalPlanning\Interface\2025\FIS
Nuclear FSAR - Hatch	T:\TP-OATT_RegionalPlanning\Misc. Studies\25-002_NUC-001-FSAR\Reports
Nuclear FSAR - Vogtle	T:\TP-OATT_RegionalPlanning\Misc. Studies\25-002_NUC-001-FSAR\Reports
Stability Studies	T:\TP-Stab\Compliance_(3.009-ACT)\TPL-001
Designation Studies	T:\TP-Strategic\2025

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B. Generation Assumptions

Base Case Definitions

Table 14 Base Case Definitions

2025 Steady State Case Definitions							
Name	Prefix	Suffix	Load Level	Solar	Hydro	Battery	MISO Transfer
Summer Peak	S	SNWE	Summer Peak	On	On	Discharge	1000 S->N
Summer NS Regional Flows	S	NSEW	Summer Peak	On	On	Discharge	1000 N->S
Summer SN Max Regional Flows	S	SNmaxWE	Summer Peak	On	On	Discharge	2500 S->N
Summer NS Max Regional Flows	S	NSmaxEW	Summer Peak	On	On	Discharge	3000 N->S
Off Peak	O	SNWE	Off Peak (70%)	On	Motor	8hr Charge	1000 S->N
Off Peak NS Regional Flows	O	NSEW	Off Peak (70%)	On	Motor	8hr Charge	1000 N->S
Off Peak SN Max Regional Flows	O	SNmaxWE	Off Peak (70%)	On	Motor	8hr Charge	2500 S->N
Off Peak NS Max Regional Flows	O	NSmaxEW	Off Peak (70%)	On	Motor	8hr Charge	3000 N->S
Daylight Shoulder	D	SNWE	Shoulder (85%)	On	Motor	8hr Charge	1000 S->N
Daylight Shoulder NS Regional Flows	D	NSEW	Shoulder (85%)	On	Motor	8hr Charge	1000 N->S
Daylight Shoulder SN Max Regional Flows	D	SNmaxWE	Shoulder (85%)	On	Motor	8hr Charge	2500 S->N
Daylight Shoulder NS Max Regional Flows	D	NSmaxEW	Shoulder (85%)	On	Motor	8hr Charge	3000 N->S
Shoulder	H	SNWE	Shoulder (85%)	Off	50%	Discharge	1000 S->N
Shoulder NS Regional Flows	H	NSEW	Shoulder (85%)	Off	50%	Discharge	1000 N->S
Shoulder SN Max Regional Flows	H	SNmaxWE	Shoulder (85%)	Off	50%	Discharge	2500 S->N
Shoulder NS Max Regional Flows	H	NSmaxEW	Shoulder (85%)	Off	50%	Discharge	3000 N->S
Hot Weather	T	SNWE	Hot Weather (107%)	On	On	Discharge	1000 S->N
Hot Weather NS Regional Flows	T	NSEW	Hot Weather (107%)	On	On	Discharge	1000 N->S
Winter	W	SNWE	Winter Peak	10%	On	Discharge	1000 S->N
Winter NS Regional Flows	W	NSEW	Winter Peak	10%	On	Discharge	1000 N->S
Winter SN Max Regional Flows	W	SNmaxWE	Winter Peak	10%	On	Discharge	2500 S->N
Winter NS Max Regional Flows	W	NSmaxEW	Winter Peak	10%	On	Discharge	3000 N->S
Spring Peak	Z	SNWE	Spring Peak	On	On	Off	As Provided
Valley	L	SNWE	Spring Valley	Off	Motor / Pump	8hr Charge	As Provided
Fall Peak	F	SNWE	Spring Peak	On	On	Off	As Provided

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Generation in Cases

Table 15 ITS Generation P_{max} in Cases

Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
ADDISON 1 (WEST GA)	GPC	PPA-CT		
ADDISON 2 (WEST GA)	GPC	PPA-CT		
ADDISON 3 (WEST GA)	GPC	PPA-CT		
ALBANY RENEWABLE ENERGY	GPC	PPA-Bio		
ALLA DAM	GPC	Hydro		
ALLIGATOR CREEK SOLAR	GPC	QF-Solar		
AMBER MEADOW SOLAR	GPC	Solar		
AMERICUS BESS	Undesignated	Battery		
AMERICUS 1	GPC	Hydro		
AMERICUS 2	GPC	Hydro		
AMERICUS 3	GPC	Hydro		
ASI CLASSIC 210 MW – US 1: RINCON SOLAR CENTER	GPC	PPA-Solar		
ASI CLASSIC 210 MW – US 2: BUTLER SOLAR FARM	GPC	PPA-Solar		
ASI CLASSIC 210 MW – US 2: DECATUR COUNTY SOLAR PROJECT	GPC	PPA-Solar		
ASI CLASSIC 210 MW – US 2: OLD MIDVILLE RD LLC	GPC	PPA-Solar		
ASI PRIME 525 MW – US 1: BUTLER SOLAR	GPC	PPA-Solar		
ASI PRIME 525 MW – US 1: DECATUR PARKWAY SOLAR PROJECT	GPC	PPA-Solar		
ASI PRIME 525 MW – US 1: LS PAWPAW	GPC	PPA-Solar		
ASI PRIME 525 MW – US 2: LIVE OAK SOLAR	GPC	PPA-Solar		
ASI PRIME 525 MW – US 2: WHITE OAK SOLAR	GPC	PPA-Solar		
ASI PRIME 525 MW – US 2: WHITE PINE SOLAR	GPC	PPA-Solar		
BARTLETT'S FERRY 1 HY	GPC	Hydro		
BARTLETT'S FERRY 2 HY	GPC	Hydro		
BARTLETT'S FERRY 3 HY	GPC	Hydro		
BARTLETT'S FERRY 4 HY	GPC	Hydro		
BARTLETT'S FERRY 5 HY	GPC	Hydro		
BARTLETT'S FERRY 6 HY	GPC	Hydro		
BEAVER CREEK SOLAR	GPC	Solar		
BIRD DOG PV	GPC	Hydro		
BLACK WATER SOLAR	GPC	PPA Solar		
BOULEVARD 1	GPC	Oil		

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
BOWEN 1	GPC	Coal	████	████
BOWEN 2	GPC	Coal	████	████
BOWEN 3	GPC	Coal	████	████
BOWEN 4	GPC	Coal	████	████
BOWEN 7	GPC	CC	██████	████
BOWEN 8	GPC	CC	██████	████
BOWEN BESS 1	GPC	Battery	████	████
BOWEN BESS 2	GPC	Battery	████	████
BUFORD DAM 1+3	GPC	Hydro	████	████
BUFOR DAM 2	GPC	Hydro	████	████
BULLDOG PV	GPC	PPA Solar	████	██
CAMILLA SOLAR	GPC	PPA Solar	████	██
██████████	████	██	████	██
CARTERS DAM 1	GPC	Hydro	████	████
CARTERS DAM 2	GPC	Hydro	████	████
CARTERS DAM 3	GPC	Hydro	████	████
CARTERS DAM 4	GPC	Hydro	████	████
████████████████████	████	██	████	████
████████████████████	████	██	████	████
████████████████████	████	██	████	████
██████████	████	██	██████████	████
██████████	████	██	██████████	████
██████████	████	██████	████	████
DAHLBERG 10	GPC	PPA-CT	████	████
DAHLBERG 2	GPC	PPA-CT	████	██
██████████	████	██████	████	████
DAHLBERG 4	GPC	PPA-CT	████	████
██████████	████	██████	████	████
DAHLBERG 6	GPC	PPA-CT	████	████
██████████	████	██████	████	██
DAHLBERG 8	GPC	PPA-CT	████	██
██████████	████	██████	████	████
DUBLIN B1	GPC	Bio	████	██
██████████	████	██	████	██
██████████	████	██	████	██
██████████	████	██	████	██
██████████	████	██	████	██
██████████	████	██	████	██
DRAWHORN SOLAR	GPC	Solar	████	██
DRY CREEK SOLAR	GPC	Solar	████	██

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EXELON HEARD 1	GPC	PPA-CT	[REDACTED]	[REDACTED]
EXELON HEARD 2	GPC	PPA-CT	[REDACTED]	[REDACTED]
EXELON HEARD 3	GPC	PPA-CT	[REDACTED]	[REDACTED]
EXELON HEARD 4	GPC	PPA-CT	[REDACTED]	[REDACTED]
EXELON HEARD 5	GPC	PPA-CT	[REDACTED]	[REDACTED]
EXELON HEARD 6	GPC	PPA-CT	[REDACTED]	[REDACTED]
FLINT RIVER 1 HY	GPC	Hydro	[REDACTED]	[REDACTED]
FLINT RIVER 2 HY	GPC	Hydro	[REDACTED]	[REDACTED]
FLINT RIVER 3 HY	GPC	Hydro	[REDACTED]	[REDACTED]
FLINT RIVER SOLAR (DECATUR SLR)	GPC	PPA-Solar	[REDACTED]	[REDACTED]
FORT BENNING SOLAR	GPC	Solar	[REDACTED]	[REDACTED]
FORT GORDON 1 SOLAR	GPC	Solar	[REDACTED]	[REDACTED]
FORT STEWART SOLAR	GPC	Solar	[REDACTED]	[REDACTED]
FORT VALLEY STATE UNIVERSITY	GPC	Solar	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
GASTON A	GPC	CT	[REDACTED]	[REDACTED]
GEORGE DAM 1	GPC	Hydro	[REDACTED]	[REDACTED]
GEORGE DAM 2	GPC	Hydro	[REDACTED]	[REDACTED]
GEORGE DAM 3	GPC	Hydro	[REDACTED]	[REDACTED]
GEORGE DAM 4	GPC	Hydro	[REDACTED]	[REDACTED]
GEORGIA RENEWABLE POWER FRANKLIN LLC	GPC	PPA-Bio	[REDACTED]	[REDACTED]
GEORGIA RENEWABLE POWER MADISON	GPC	PPA-Bio	[REDACTED]	[REDACTED]
GOAT ROCK 3 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GOAT ROCK 4 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GOAT ROCK 5 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GOAT ROCK 6 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GOAT ROCK 7 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GOAT ROCK 8 HY	GPC	Hydro	[REDACTED]	[REDACTED]
GREEN POWER SOLUTIONS	GPC	PPA-Bio	[REDACTED]	[REDACTED]
HAMMOND BESS 1	GPC	Battery	[REDACTED]	[REDACTED]
HAMMOND BESS 2	GPC	Battery	[REDACTED]	[REDACTED]
HARRIS 1 - GPC	GPC	PPA-CC	[REDACTED]	[REDACTED]
HARRIS 2 - GPC	GPC	CC	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
HATCH 1	GPC	Nuclear		
HATCH 2	GPC	Nuclear		
HICKORY SOLAR	GPC	Solar		
HOBNAIL SOLAR	GPC	Hydro		
INTERNATIONAL PAPER - FLINT RIVER	GPC	PPA-Bio		
INTERNATIONAL PAPER - PORT WENTWORTH	GPC	PPA-Bio		
JEFFERSONVILLE	GPC	Solar		
KINGS BAY SOLAR	GPC	Solar		
LAURENS COUNTY BESS	GPC	Battery		
LAURENS COUNTY SOLAR	GPC	Solar		
LLOYD SHOALS 1 HY	GPC	Hydro		
LLOYD SHOALS 2 HY	GPC	Hydro		
LLOYD SHOALS 3 HY	GPC	Hydro		
LLOYD SHOALS 4 HY	GPC	Hydro		
LLOYD SHOALS 5 HY	GPC	Hydro		
LLOYD SHOALS 6 HY	GPC	Hydro		
LSS 50 MW - SIMON SOLAR FARM	GPC	PPA-Solar		
MARINE CORPS LOGISTICS BASE	GPC	Solar		
MAS GEORGIA LFG - PINE RIDGE	GPC	PPA-Bio		
MAS GEORGIA LFG - RICHLAND CREEK	GPC	PPA-Bio		
MCDONOUGH 3A	GPC	CT		
MCDONOUGH 3B	GPC	CT		
MCDONOUGH 4	GPC	CC		
MCDONOUGH 5	GPC	CC		
MCDONOUGH 6	GPC	CC		
MCGRAU FORD BESS	GPC	Battery		
MCINTOSH 10	GPC	CC		
MCINTOSH 11	GPC	CC		
MCINTOSH 1A	GPC	CT		
MCINTOSH 2A	GPC	CT		
MCINTOSH 3A	GPC	CT		
MCINTOSH 4A	GPC	CT		

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
MCINTOSH 5A	GPC	CT	████	██
MCINTOSH 6A	GPC	CT	████	██
MCINTOSH 7A	GPC	CT	████	██
MCINTOSH 8A	GPC	CT	████	██
MCINTOSH 12	GPC	CC	██████	██
MCINTOSH BESS	GPC	Battery	████	██
MCMANUS 3A	GPC	CT	████	██
MCMANUS 3B	GPC	CT	████	██
MCMANUS 3C	GPC	CT	████	██
MCMANUS 4A	GPC	CT	████	██
MCMANUS 4B	GPC	CT	████	██
MCMANUS 4C	GPC	CT	████	██
MCMANUS 4D	GPC	CT	████	██
MCMANUS 4E	GPC	CT	████	██
MCMANUS 4F	GPC	CT	████	██
METTER SOLAR	GPC	Solar	████	██
MID GEORGIA COGEN	GPC	PPA-Cogen	████████	██
MITCHELL BESS	GPC	Battery	████	██
MITCHELL SOLAR	GPC	Solar	████	██
MONROE POWER	GPC	PPA-CT	██████	██
MOODY AFB	GPC	Solar	████	██
MORGAN FALLS 1 HY	GPC	Hydro	████	█
MORGAN FALLS 2 HY	GPC	Hydro	████	█
MORGAN FALLS 3 HY	GPC	Hydro	████	█
MORGAN FALLS 4 HY	GPC	Hydro	████	█
MORGAN FALLS 5 HY	GPC	Hydro	████	█
MORGAN FALLS 6 HY	GPC	Hydro	████	█
MORGAN FALLS 7 HY	GPC	Hydro	████	█
MOSSY BRANCH	GPC	PPA-BES	████	██
NORTH HIGHLANDS 1 HY	GPC	Hydro	████	██
NORTH HIGHLANDS 2 HY	GPC	Hydro	████	██
NORTH HIGHLANDS 3 HY	GPC	Hydro	████	██
NORTH HIGHLANDS 4 HY	GPC	Hydro	████	█
OLIVER 1 HY	GPC	Hydro	████	██
OLIVER 2 HY	GPC	Hydro	████	██
OLIVER 3 HY	GPC	Hydro	████	██
OLIVER 4 HY	GPC	Hydro	████	█
PIEDMONT GREEN POWER	GPC	PPA-Bio	████	██
PINEVIEW SOLAR	GPC	Solar	████	██
██████████	██	████	████	██

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
REDI 1400 MW - C&I: DOUGHERTY COUNTY SOLAR	GPC	PPA-Solar		
REDI 1400 MW - C&I: TANGLEWOOD SOLAR	GPC	PPA-Solar		
REDI 1400 MW - US 1: QUITMAN II SOLAR ENERGY CENTER	GPC	PPA-Solar		
REDI 1400 MW - US 1: QUITMAN SOLAR	GPC	PPA-Solar		
REDI 1400 MW - US 1: SOUTHERN OAK SOLAR	GPC	PPA-Solar		
REDI 1400 MW - US 1: TWIGGS COUNTY SOLAR	GPC	PPA-Solar		
REDI 1400 MW - US 2: BROKEN SPOKE (Hickory Park)	GPC	PPA-Solar		
REDI 1400 MW - US 2: COOL SPRINGS	GPC	PPA-Solar		
ROBINS AFB	GPC	Solar		
ROCK HOUSE SOLAR	GPC	Solar		
SANDERSVILLE SOLAR	GPC	Solar		
SCHERER 1	GPC	Coal		
SCHERER 2	GPC	Coal		
SCHERER 3	GPC	Coal		
SHAMROCK SOLAR	GPC	Solar		
SHORTLEAF SOLAR	GPC	Solar		

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
SINCLAIR 1 HY	GPC	Hydro		
SINCLAIR 2 HY	GPC	Hydro		
SONNY PV	GPC	Solar		
SOUTH HALL BESS	GPC	Battery		
STAGECOACH SOLAR	GPC	Solar		
TALLULAH 1 HY	GPC	Hydro		
TALLULAH 2 HY	GPC	Hydro		
TALLULAH 3 HY	GPC	Hydro		
TALLULAH 4 HY	GPC	Hydro		
TALLULAH 5 HY	GPC	Hydro		
TALLULAH 6 HY	GPC	Hydro		
TERRORA 1 HY	GPC	Hydro		
TERRORA 2 HY	GPC	Hydro		

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
THOMSON BESS	GPC	Battery	████	████
TIMBERLAND SOLAR	GPC	PPA-Solar	████	████
TUGALO 1 HY	GPC	Hydro	████	████
TUGALO 2 HY	GPC	Hydro	████	████
TUGALO 3 HY	GPC	Hydro	████	████
TUGALO 4 HY	GPC	Hydro	████	████
TWIGGS BESS	GPC	Battery	████	████
USMC SUPPLY	GPC	Biomass	████	████
VOGTLE 1	GPC	Nuclear	████	████
████	████	████	████	
████	████	████	████	
VOGTLE 2	GPC	Nuclear	████	████
████	████	████	████	
████	████	████	████	
VOGTLE 3	GPC	Nuclear	████	████
████	████	████	████	
████	████	████	████	
VOGTLE 4	GPC	Nuclear	████	████
████	████	████	████	
████	████	████	████	
WADLEY SOLAR	GPC	Solar	████	████
WALLACE DAM 1 PS	GPC	Pump Storage Hydro	████	████
WALLACE DAM 2 PS	GPC	Pump Storage Hydro	████	████
WALLACE DAM 3 HY	GPC	Hydro	████	████
WALLACE DAM 4 HY	GPC	Hydro	████	████
WALLACE DAM 5 PS	GPC	Pump Storage Hydro	████	████
WALLACE DAM 6 PS	GPC	Pump Storage Hydro	████	████
WALTON COUNTY	GPC	PPA-CT	████████	████
████████████████████	████	████	████████	
WALTON DISCOVER 2	GPC	CT	████	████
WALTON DISCOVER 2	GPC	CT	████	████
WANSLEY 1	GPC	Coal	████	████
████	████	████	████	
████	████	████	████	
WANSLEY 2	GPC	Coal	████	████
████	████	████	████	

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Unit Name	Recipient	Fuel Type	PSSE Bus Number	Net Installed (MW)
WANSLEY 10	GPC	CC		
WANSLEY 11	GPC	CC		
WANSLEY BESS	GPC	Battery		
WARNER ROBINS 1	GPC	CT		
WARNER ROBINS 2	GPC	CT		
WASHINGTON COUNTY	GPC	PPA-CT		
WASHINGTON COUNTY SOLAR	GPC	PPA-Solar		
WEST POINT DAM	GPC	Hydro		
WILSON 1A	GPC	CT		
WILSON 1B	GPC	CT		
WILSON 1C	GPC	CT		
WILSON 1D	GPC	CT		
WILSON 1E	GPC	CT		
WILSON 1F	GPC	CT		
WOLFSKIN SOLAR	GPC	Solar		
YATES 6 GAS	GPC	Oil/Gas Steam		
YATES 7 GAS	GPC	Oil/Gas Steam		
YATES 8 GAS	GPC	Oil/Gas Steam		
YATES 9 GAS	GPC	Oil/Gas Steam		
YATES 10 GAS	GPC	Oil/Gas Steam		
YATES BESS 1	GPC	Battery		
YATES BESS 2	GPC	Battery		
YONAH	GPC	Hydro		

FOOTNOTES:

1. VALUES FOUND IN TABLE MAY NOT REFLECT WHAT IS MODELED IN THE CASES. THE INFORMATION PROVIDED DOES NOT ALWAYS REFLECT OPERATIONAL LIMITS OR DESIGNATION AMOUNTS.

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Generation Scenario (Unit Off / Area Max) Cases

Table 16 Generation Scenario (Unit Off) By Case Type

[illegible]

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[illegible]

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[illegible]

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C. Strategic Projects

Cavender Drive - Wansley 500kV Line

TEAMS 21496

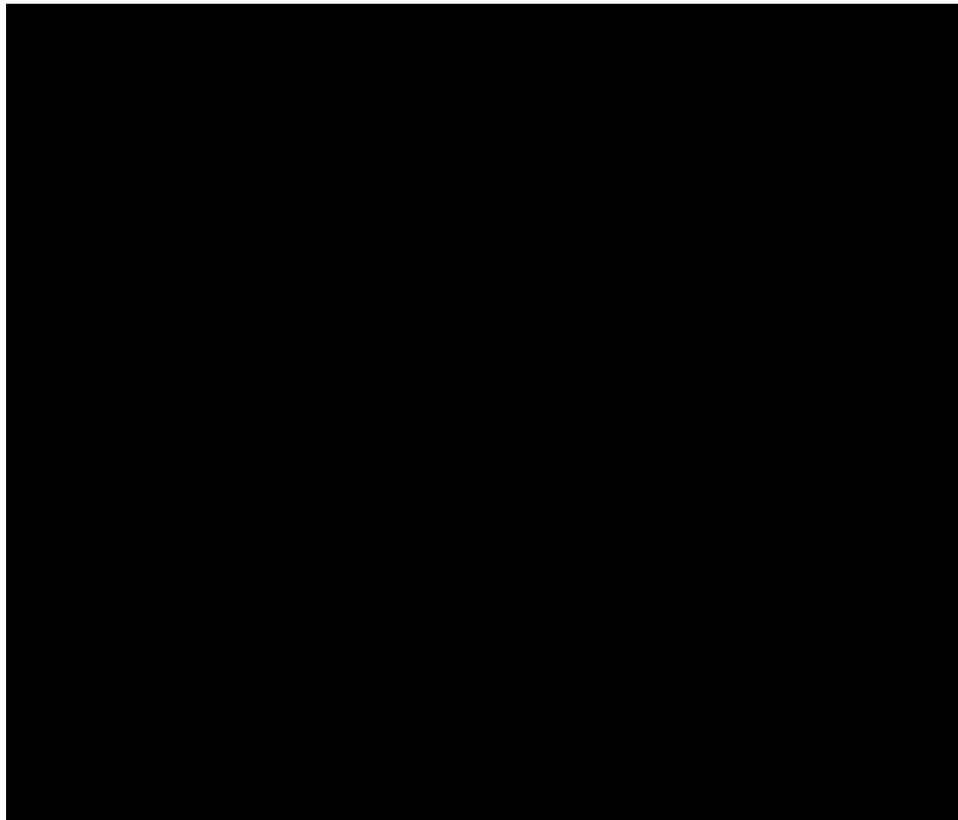
Project Need Date: June 1, 2030

Executive Summary

The construction of the Cavender Drive – Wansley 500kV Line aims to address the evolving dynamics within the Georgia Integrated Transmission System (ITS), primarily driven by the changes in generation and forecasted load growth. This project involves the construction of a new ~37-mile 500 kV line from Cavender Drive to Wansley as shown on the figure below.

The decision to undertake this project stems from the necessity to enhance available transmission capacity and mitigate facility thermal constraints resulting from 500 kV contingencies under NERC TPL-001-5 (Category P1 – Single Contingency Events). This project will reduce flows and increase available capacity on various circuits, thereby alleviating or reducing thermal constraints on critical circuits under contingency scenarios.

Figure 4 Area System Map



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Compliance Statement

This project addresses problems associated with Category P1, EHV P2.3 and P3 events. These problems were identified as part of Southern Company's Transmission Planning process in compliance with NERC Standard TPL-001-5.

Background and Problem Description

The Cavender Drive – Wansley 500kV line effectively reduces flows and increases available capacity on circuits overloaded above its facility rating shown in Table 1. Table 2 indicates capacity increases in relation to existing line ratings for tie lines.

Table 17 Load Flow Reductions – Overloaded Facilities

Facility Name	Facility Rating (MVA)	Loading Reduction
Ashley Park – Wansley 500kV	■	■
Dyer Road – East Roanoke (APC) 115kV	■	■
Villa Rica Primary – Wansley 500kV	■	■
Dresden – Yates 230kV	■	■
S Coweta 230/115kV Bank A	■	■

Table 18 Tie Line Capacity Increases – Reduced Loadings

Facility Name	Facility Rating (MVA)	Increased Capacity
Gaston (SEGCO) – Roopville 230kV	■	■
Anniston (APC) – Hammond 230kV	■	■

Study Assumptions

- Load Flow Cases: 2025 series V2
- Study Years: 2030 – 2035
- Case Seasons: Summer Peak, Off-Peak, Daylight Shoulder, Dusk Shoulder

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Discussion of Alternatives

The Preferred Plan (\$) consists of:

- Construction of the Cavender Drive - Wansley 500 kV Line (~37 miles) with (3) 100C 1113 ACSR conductor.
- Expand Cavender Drive and Wansley Primary 500 kV yards to connect & terminate the new 500kV line.
- Install necessary fiber and terminal protection and control equipment.

The preferred plan accomplishes the following:

- **High-Capacity Corridor:** Establishes a new 500 kV line from Cavender Drive to Wansley, enhancing system capacity in the northwest area.
- **Reduced Flows, Increased Capacity:** Decreases flows and increases available capacity on multiple circuits, improving system reliability.

Alternate Plans

- **Alternate Plan 1:** Do Nothing (\$). Constraints in the system are required to be corrected for compliance with NERC Standard TPL-001-5.
- **Alternate Plan 2:** Brute Force (\$). This involves the direct replacement or rebuild of the facilities in Table 1.

Table 19 Brute Force Estimate

Facility Name	Mileage	Planning Grade Estimate
South Coweta 500/230kV Bank Addition	N/A	\$
Dresden – Yates 230kV Rebuild	9.37	\$
Villa Rica - Wansley 500kV Second Line	26	\$
Total		\$

The main concern is to accommodate the necessary outages to facilitate construction activities along with maintaining system reliability.

Conclusion and Recommendations

The Cavender Drive – Wansley 500kV new line solves identified thermal constraints, provides additional 500kV corridor for generation power transfers, and minimizes outage impacts to the transmission system during construction.

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D. Fleet Transition Tables

This appendix provides a comparison between the transmission projects listed in the Unit Retirement Study contained within Technical Appendix Volume 2 of the 2022 Georgia Power Integrated Resource Plan (Docket 44160) and the transmission projects contained within the 2025 Georgia Integrated Transmission System Ten-Year Plan (2026 – 2035). For the Unit Retirement studies, the table below provides a breakdown of the studied generation scenarios.

Table 20 Unit Retirement Generation Scenarios

Scenario	Generation Units	Year Unavailable
Fleet 0	Wansley 1 & 2	2022
	Bowen 1 & 2	2027
Fleet 0A	Wansley 1 & 2	2022
	Bowen 1 & 2	2027
	Scherer 3	2022
Fleet 1	Wansley 1 & 2	2022
	Bowen 1 & 2	2027
	Scherer 1 - 3	2028
Fleet 2	Wansley 1 & 2	2022
	Bowen 1 & 2	2027
	Scherer 1 - 3	2028
	Bowen 3 & 4	2028

For the 2025 Ten-Year planning process, the coal generation units shown in table 21 were allowed to run throughout the planning horizon in both version 1 and version 2 of the transmission planning load flow cases.

Table 21 Coal Generation Units

Generation Units
Bowen 1 & 2
Scherer 3
Bowen 3 & 4

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Fleet Scenario 0:

Table 22 notes the required projects from the Unit Retirement studies along with the current project number and need year of the project in the 2025 GA ITS Ten-Year Plan.

Table 22 Projects Still Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
18153	BONAIRE PRIMARY - ECHECONNEE RECONDUCTOR 115kV (BONAIRE - RUSSELL PKWY) (F.K.A. BONAIRE PRIMARY - ECHECONNEE 115kV)	2030	2025	2025	COMPLETE				---
---	CAPITAL HEIGHTS - CARTER HILL ROAD - FISK ROAD 115kV (APC Project)	2026	2025	2025	COMPLETE				---
18800	ECHECONNEE - WELLSTON 115kV REBUILD (S WARNER ROBINS-WELLSTON) (F.K.A. ECHECONNEE - WELLSTON 115kV)	2024	2025	2025	COMPLETE				---
18774	GTC: HEARD COUNTY - TENASKA 500kV (NEW LINE) (F.K.A. TENASKA - HEARD CO 500kV (NEW LINE))	2024	2024	2025	COMPLETE				---
19334	GTC: LAGRANGE - NORTH OPELIKA 230kV (NEW LINE) (F.K.A. LAGRANGE - NORTH OPELIKA 230kV (NEW LINE))	2027	2026	2026	2026				
18573 (F.K.A. 12016)	ARKWRIGHT - LLOYD SHOALS 115kV	2024	2024	2027	2027				
18671	CORN CRIB - LAGRANGE PRIMARY 115kV RECONDUCTOR (F.K.A. CORN CRIB - LAGRANGE 115kV)	2027	2024	COMPLETE	---			---	---
18104 (F.K.A. 18772)	KLONDIKE SWITCH REPLACEMENT (F.K.A. KLONDIKE - NORCROSS 500kV SWITCH REPLACEMENT)	2024	2024	COMPLETE	---			---	---

Table 23 shows the projects no longer required to implement Fleet Scenario 0 from the 2025 GA ITS Ten-Year planning process.

Table 23 Projects No Longer Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
19628	ARLINGTON PRIMARY - HWY45/234 RECONDUCTOR 115kV (F.K.A. ARLINGTON PRIMARY - DAWSON PRIMARY 115kV)	2028	2029	---	---			---	---

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Fleet Scenario 0A:

Table 24 notes the projects that required to implement Fleet Scenario 0A from the 2025 GA ITS Ten-Year planning process.

Table 24 Projects Still Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
18153	BONAIRE PRIMARY - ECHECONNEE RECONDUCTOR 115kV (BONAIRE - RUSSELL PKWY) (F.K.A. BONAIRE PRIMARY - ECHECONNEE 115kV)	2030	2025	2025	COMPLETE				---
19187	BREMEN - CROOKED CREEK 115kV (F.K.A. BREMEN - CROOKED CREEK (APC) 115kV)	2028	2025	2025	COMPLETE				---
---	CAPITAL HEIGHTS - CARTER HILL ROAD - FISK ROAD 115kV (APC Project)	2026	2025	2025	COMPLETE				---
18800	ECHECONNEE - WELLSTON 115kV REBUILD (S WARNER ROBINS-WELLSTON) (F.K.A. ECHECONNEE - WELLSTON 115kV)	2024	2025	2025	COMPLETE				---
18774	GTC: HEARD COUNTY - TENASKA 500kV (NEW LINE) (F.K.A. TENASKA - HEARD CO 500kV (NEW LINE))	2024	2024	2025	COMPLETE				---
19334	GTC: LAGRANGE - NORTH OPELIKA 230kV (NEW LINE) (F.K.A. LAGRANGE - NORTH OPELIKA 230kV (NEW LINE))	2027	2026	2026	2026				
19598	MEAG: DRESDEN - LAGRANGE PRIMARY 230kV UPGRADE & JUMPERS (F.K.A. MEAG: DRESDEN - LAGRANGE 230kV LINE REBUILD)	2031	2026	2026	2026				
18573 (F.K.A. 12016)	ARKWRIGHT - LLOYD SHOALS 115kV	2024	2024	2027	2027				
19950	GTC: DRESDEN - TALBOT COUNTY 500kV LINE (NEW LINE)	---	2029	2029	2029	---			
18671	CORN CRIB - LAGRANGE PRIMARY 115kV RECONDUCTOR (F.K.A. CORN CRIB - LAGRANGE 115kV)	2027	2024	COMPLETE	COMPLETE			---	---
18104 (F.K.A. 18772)	KLONDIKE SWITCH REPLACEMENT (F.K.A. KLONDIKE - NORCROSS 500kV SWITCH REPLACEMENT)	2024	2024	COMPLETE	COMPLETE			---	---

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Table 25 shows the projects no longer required to implement Fleet Scenario 0A from the 2025 GA ITS Ten-Year planning process.

Table 25 Projects No Longer Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
19628	ARLINGTON PRIMARY - HWY45/234 RECONDUCTOR 115kV (F.K.A. ARLINGTON PRIMARY - DAWSON PRIMARY 115kV)	2028	2029	---	---			---	---

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Fleet Scenario 1:

Table 26 shows the projects still required to implement Fleet Scenario 1 from the 2025 GA ITS Ten-Year planning process.

Table 26 Projects Still Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
18153	BONAIRE PRIMARY - ECHECONNIE RECONDUCTOR 115kV (BONAIRE - RUSSELL PKWY) (F.K.A. BONAIRE PRIMARY - ECHECONNIE 115kV)	2030	2025	2025	COMPLETE				---
19187	BREMEN - CROOKED CREEK 115kV (F.K.A. BREMEN - CROOKED CREEK (APC) 115kV)	2028	2025	2025	COMPLETE				---
---	CAPITAL HEIGHTS - CARTER HILL ROAD - FISK ROAD 115kV (APC Project)	2026	2025	2025	COMPLETE				---
18800	ECHECONNIE - WELLSTON 115kV REBUILD (S WARNER ROBINS-WELLSTON) (F.K.A. ECHECONNIE - WELLSTON 115kV)	2024	2025	2025	COMPLETE				---
18774	GTC: HEARD COUNTY - TENASKA 500kV (NEW LINE) (F.K.A. TENASKA - HEARD CO 500kV (NEW LINE))	2024	2024	2025	COMPLETE				---
20002	GORDON - SANDERSVILLE #1 115kV LINE REBUILD (F.K.A. GORDON - SANDERSVILLE #1 115kV)	2028	2026	2026	2026				
19334	GTC: LAGRANGE - NORTH OPELIKA 230kV (NEW LINE) (F.K.A. LAGRANGE - NORTH OPELIKA 230kV (NEW LINE))	2027	2026	2026	2026				
19999	GTC: ROBINS SPRING BUS REPLACEMENT	---	2025	2026	2026	---			
19636	HAMMOND - WEISS DAM (APC) 115kV REBUILD (F.K.A HAMMOND - WEISS DAM (APC) 115kV)	2030	2026	2026	2026				
19598	MEAG: DRESDEN - LAGRANGE PRIMARY 230kV UPGRADE & JUMPERS (F.K.A. MEAG: DRESDEN - LAGRANGE 230kV LINE REBUILD)	2031	2026	2026	2026				
18573 (F.K.A. 12016)	ARKWRIGHT - LLOYD SHOALS 115kV	2024	2024	2027	2027				
19950	GTC: DRESDEN - TALBOT COUNTY 500kV LINE (NEW LINE)	---	2029	2029	2029	---			
18671	CORN CRIB - LAGRANGE PRIMARY 115kV RECONDUCTOR (F.K.A. CORN CRIB - LAGRANGE 115kV)	2027	2024	COMPLETE	---			---	---
---	EUFALA - GEORGE DAM (COE) - WEBB 115kV	2030	2024	COMPLETE	---			---	---
18104 (F.K.A. 18772)	KLONDIKE SWITCH REPLACEMENT (F.K.A. KLONDIKE - NORCROSS 500kV SWITCH REPLACEMENT)	2024	2024	COMPLETE	---			---	---

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Table 27 shows the projects no longer required to implement Fleet Scenario 1 from the 2025 GA ITS Ten-Year planning process.

Table 27 Projects No Longer Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
19628	ARLINGTON PRIMARY - HWY45/234 RECONDUCTOR 115kV (F.K.A. ARLINGTON PRIMARY - DAWSON PRIMARY 115kV)	2028	2029	---	---			---	---

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Fleet Scenario 2:

Table 28 shows the projects still required to implement Fleet Scenario 2 from the 2025 GA ITS Ten-Year planning process.

Table 28 Projects Still Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
18153	BONAIRE PRIMARY - ECHECONNEE RECONDUCTOR 115kV (BONAIRE - RUSSELL PKWY) (F.K.A. BONAIRE PRIMARY - ECHECONNEE 115kV)	2030	2025	2025	COMPLETE				---
19187	BREMEN - CROOKED CREEK 115kV (F.K.A. BREMEN - CROOKED CREEK (APC) 115kV)	2028	2025	2025	COMPLETE				---
---	CAPITAL HEIGHTS - CARTER HILL ROAD - FISK ROAD 115kV (APC Project)	2026	2025	2025	COMPLETE				---
18800	ECHECONNEE - WELLSTON 115kV REBUILD (S WARNER ROBINS-WELLSTON) (F.K.A. ECHECONNEE - WELLSTON 115kV)	2024	2025	2025	COMPLETE				---
18774	GTC: HEARD COUNTY - TENASKA 500kV (NEW LINE) (F.K.A. TENASKA - HEARD CO 500kV (NEW LINE))	2024	2024	2025	COMPLETE				---
20002	GORDON - SANDERSVILLE #1 115kV LINE REBUILD (F.K.A. GORDON - SANDERSVILLE #1 115kV)	2028	2026	2026	2026				
19334	GTC: LAGRANGE - NORTH OPELIKA 230kV (NEW LINE) (F.K.A. LAGRANGE - NORTH OPELIKA 230kV (NEW LINE))	2027	2026	2026	2026				
19999	GTC: ROBINS SPRING BUS REPLACEMENT	---	2025	2026	2026	---			
19636	HAMMOND - WEISS DAM (APC) 115kV REBUILD (F.K.A. HAMMOND - WEISS DAM (APC) 115kV)	2030	2026	2026	2026				
19598	MEAG: DRESDEN - LAGRANGE PRIMARY 230kV UPGRADE & JUMPERS (F.K.A. MEAG: DRESDEN - LAGRANGE 230kV LINE REBUILD)	2031	2026	2026	2026				
18573 (F.K.A. 12016)	ARKWRIGHT - LLOYD SHOALS 115kV	2024	2024	2027	2027				
19635	GTC: HICKORY LEVEL - VILLA RICA PRIMARY 230kV (Replace jumpers and reconductor) (F.K.A. HICKORY LEVEL - VILLA RICA PRIMARY 230kV)	2030	2029	2027	2027				
19950	GTC: DRESDEN - TALBOT COUNTY 500kV LINE (NEW LINE)	---	2029	2029	2029	---			
18671	CORN CRIB - LAGRANGE PRIMARY 115kV RECONDUCTOR (F.K.A. CORN CRIB - LAGRANGE 115kV)	2027	2024	COMPLETE	---	---		---	---
---	EUFALA - GEORGE DAM (COE) - WEBB 115kV (APC Project)	2030	2024	COMPLETE	---	---		---	---

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18104 (F.K.A. 18772)	KLONDIKE SWITCH REPLACEMENT (F.K.A. KLONDIKE - NORCROSS 500kV SWITCH REPLACEMENT)	2024	2024	COMPLETE	---			---	---
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Table 29 shows the projects no longer required to implement Fleet Scenario 2 from the 2025 GA ITS Ten-Year planning process.

Table 29 Projects No Longer Required

Project Number	Project Name	2021 Unit Retirement Study Need Year	2023 GA ITS TYP Need Year	2024 GA ITS TYP Need Year	2025 GA ITS TYP Need Year	2021 Planning Grade Estimate	2023 Planning Grade Estimate	2024 Planning Grade Estimate	2025 Planning Grade Estimate
19628	ARLINGTON PRIMARY - HWY45/234 RECONDUCTOR 115kV (F.K.A. ARLINGTON PRIMARY - DAWSON PRIMARY 115kV)	2028	2029	---	---			---	---