

JEA Electric Five Year CAPEX Projection

(\$'s in 1,000s)

Rating Agency Project List

Asset Categories	Managers	FY21	FY22	FY23	FY24	FY25
Distribution	Various	\$73,338	\$63,375	\$56,591	\$57,922	\$60,222
Substation & Transmission	Various	\$56,769	\$40,102	\$30,952	\$37,886	\$37,630
Generation	Various	\$29,316	\$33,852	\$54,927	\$46,613	\$38,112
Subtotal		\$159,423	\$137,329	\$142,470	\$142,421	\$135,964
Other (Fleet, Facilities, Security, IT, etc.)		\$60,128	\$76,426	\$42,092	\$39,195	\$37,843
Project Listing Total		\$219,551	\$213,755	\$184,562	\$181,616	\$173,807

Projections:	\$197,000	\$213,756	\$184,563	\$191,617	\$193,808
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Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Garry Baker

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Electric Customer Service Response Tools and Equipment	Program	\$52	\$55	\$55	\$55	\$55	\$55	\$275
Energy Management System - EMS - Outage Management System Integration	Planned			\$1,300	\$200			\$1,500
		\$52	\$55	\$1,355	\$255	\$55	\$55	\$1,775

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Gerald Donskey

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
COM - NEW ELECTRIC SERVICE ADDITIONS	Program	\$11,614	\$11,000	\$11,500	\$12,000	\$12,500	\$13,000	\$60,000
COM - Development Driven Projects - E	Program	\$9,212	\$8,750	\$9,250	\$9,750	\$10,250	\$10,750	\$48,750
CEMI-5 Electric Distribution Betterment	Program	\$1,777	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
		\$22,602	\$22,750	\$23,750	\$24,750	\$25,750	\$26,750	\$123,750

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Jamila Akrayi

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
SAIDI Improvement Plan (SIP)	Program	\$6,234	\$4,000	\$6,342				\$10,342
		\$6,234	\$4,000	\$6,342				\$10,342

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Jerry Creel

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
General Underground Network and Commercial R&R and Upgrades	Program	\$2,478	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
Underground Network Improvement Plan	Program		\$1,988	\$1,988	\$1,988	\$1,988	\$1,988	\$9,940
Capital Tools and Equipment - UG Network and Service Centers	Program	\$238	\$220	\$220	\$220	\$220	\$220	\$1,100
		\$2,716	\$5,208	\$5,208	\$5,208	\$5,208	\$5,208	\$26,040

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Joshua Gordon

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Distribution System - Pole Removal	Program	\$1,198	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000
		\$1,198	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Matt Lundeen

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Electric Distribution System Improvements	Program	\$1,133	\$1,650	\$1,664	\$1,664	\$1,664	\$1,664	\$8,306
Automatic Recloser Deployment	Program	\$425	\$235	\$235	\$235	\$235	\$235	\$1,175
		\$1,557	\$1,885	\$1,899	\$1,899	\$1,899	\$1,899	\$9,481

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Tom Wiertsema

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Electric Meters - Growth	Program	\$2,171	\$1,760	\$1,760	\$1,760	\$1,760	\$1,760	\$8,800
Electric Meters - Replacement	Program	\$1,249	\$740	\$740	\$740	\$740	\$740	\$3,700
		\$3,420	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Michael Short

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Dinsmore Solar Feeders 423, 424	Construction	\$380	\$4,200					\$4,580
Forest Sub 217 Feeder - Electric Distribution	Schematic Design	\$19	\$2,841	\$288				\$3,148
Brandy Branch Solar Feeders 356, 357	Final Design	\$224	\$2,034					\$2,258
Joint Participation Electric Relocation Projects	Program	\$2,023	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
Cecil Commerce Center North Solar Feeders 371, 372	Construction	\$468	\$1,858					\$2,326
Church St Feeders 181-186 13kV Reconductor from Substation to Riverside Ave	Construction	\$2,087	\$1,547					\$3,634
Westlake Solar Feeders 339, 340	Schematic Design	\$35	\$1,185					\$1,220
Nocatee Substation Distribution Feeders	Schematic Design	\$68	\$932					\$1,000
General Distribution Improvements	Program	\$254	\$750	\$750	\$750	\$750	\$750	\$3,750
Steelbald Solar Feeders 344, 345	Schematic Design	\$130	\$680					\$810
Ortega Bv North - OH-UG Electric Conversion - NAP	Construction	\$2,376	\$552					\$2,929
Underground Cable Replacement Program - Existing Developments	Program	\$583	\$500	\$500	\$500	\$500	\$500	\$2,500
4kV Rehab – Distribution Projects	Placeholder		\$500	\$500	\$500	\$500	\$500	\$2,500
Bartram 298: Feeder Extension in Transmission ROW from Sub to Bartram Park Bv	Final Design	\$17	\$418					\$435
Park and King 4kV Distribution Feeder Getaway Rebuild	Construction	\$2	\$260	\$2				\$264

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Michael Short

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
PSI - Network Manhole and Ductbank Survey	Construction	\$354	\$101					\$455
OH-UG Conversion in Neighborhoods	Program	\$16	\$60	\$60	\$60	\$60	\$60	\$300
Hamilton 312 Reconductor	Schematic Design		\$20	\$421	\$169			\$610
		\$9,036	\$20,440	\$4,521	\$3,979	\$3,810	\$3,810	\$42,719

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Russ Durham

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Mayo Substation Distribution Feeders	Planned			\$50	\$200	\$50		\$300
St Johns 4kV Distribution Feeder Getaway Rebuild	Planned			\$50	\$100	\$50		\$200
SJRPP Substation Distribution Feeders	Planned					\$600	\$1,400	\$2,000
SouthWest Substation - Distribution	Planned					\$300	\$400	\$1,000
Pecan Park Area Distribution	Planned						\$500	\$5,000
				\$100	\$300	\$1,000	\$2,300	\$8,500

Five Year Capital Plan - Distribution Projects

(\$'s in 1,000s)

Manager: Walter Hiscox

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Electric Distribution Maintenance Capital Upgrades	Program	\$10,438	\$11,500	\$12,500	\$12,500	\$12,500	\$12,500	\$61,500
Pole Replacement Program	Program	\$3,929	\$4,000	\$4,200	\$4,200	\$4,200	\$4,200	\$20,800
		\$14,367	\$15,500	\$16,700	\$16,700	\$16,700	\$16,700	\$82,300

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Darrell Hamilton

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
69kv - 663 line rebuild	Schematic Design	\$386	\$10,152	\$954				\$11,492
GEC to Bartram 230 kV Circuit 909 Addition	Construction	\$11,898	\$3,696					\$15,594
Nocatee 230 - 26 kV Substation	Construction	\$6,650	\$2,400					\$9,050
Park and King 4kV Substation Rebuild	Schematic Design	\$66	\$2,359	\$537				\$2,962
230kV Circuit 915 Partial Rebuild	Construction	\$59	\$2,227					\$2,286
Circuit 679 UG Cable Reconductor	Construction	\$2,008	\$1,366					\$3,374
230kV Breaker Replacement	Program	\$155	\$1,350	\$1,600	\$1,338			\$4,288
Kennedy Substation Control Cable and Protection System Replacement	Final Design	\$814	\$1,131					\$1,945
Pipe-Type Cable Pothead Replacements – Kennedy Circuit 682 and Hunter Rd. Circuit 688	Construction	\$729	\$1,081					\$1,810
26kV Feeder Circuit Breaker Replacement	Program	\$904	\$1,020	\$754	\$754	\$754	\$754	\$4,036
Transmission Circuits 836/839 Steel Pole Replacement	Schematic Design	\$91	\$1,018					\$1,109
Fulton Cut Crossing- Feasibility Study	Construction	\$68	\$932					\$1,000
Cecil Commerce Center North Solar T2 Addition - Substation Project	Construction	\$2,018	\$769					\$2,787
Transmission and Substation Class Circuit Breaker Replacement Program	Program	\$62	\$552	\$750	\$948	\$1,132	\$750	\$4,132
Transmission Outdoor Potential Device Replacement	Program	\$7	\$541	\$541	\$541	\$541	\$541	\$2,705

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Darrell Hamilton

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Nocatee 230 kV Circuit 909/917 SS Interconnect	Construction	\$105	\$532					\$637
Ckt 649 UG 69kV Reconductor Project	Schematic Design		\$472	\$796				\$1,268
Transmission Circuit 830 Structures 30, 31, 32, 42, 43, and 44 Replacement	Construction	\$23	\$467					\$490
Transmission Circuit 677 Structures # 45, 46, 61, 62, and 63 Replacement	Construction	\$52	\$453					\$506
Transmission Circuit 838 Structures 5 - 11 Replacement	Construction	\$253	\$450					\$703
Steelbald Sub Solar T3 Replacement - Substation Project	Construction	\$2,732	\$395					\$3,127
SJRPP 230kV Circuit 934 Re-Termination to Northside Substation	Construction	\$1,411	\$347					\$1,758
853 Pole Replacement	Schematic Design		\$329	\$850				\$1,179
Transmission Circuit 692 Underground Cable Replacement- Part A	Schematic Design		\$320	\$2,780				\$3,100
General Transmission Improvements	Program	\$168	\$300	\$300	\$300	\$300	\$300	\$1,500
Mill Cove HPPF Pipe Type Cable Pump Replacement	Construction	\$915	\$241					\$1,156
Kennedy Substation 13kV Switchgear Replacement	Construction	\$2,744	\$228					\$2,972
Church Street HPPF Pipe Type Cable Pump Replacement	Construction	\$899	\$181					\$1,080
Southside GIS 6C2 Capacitor Bank Replacement	Construction	\$219	\$81					\$300
St Johns 4kV Substation Rebuild	Schematic Design		\$70	\$1,000	\$1,500	\$500		\$3,070

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Darrell Hamilton

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
GEC 230 kV Bay and Breaker Addition for Circuit 909	Construction	\$1,299	\$66					\$1,365
Bartram 230 kV Circuit 917 Interconnect	Construction	\$311	\$58					\$368
Westlake Sub Solar T3 Addition - Substation Project	Construction	\$1,922	\$54					\$1,976
Bartram 230 kV Bay and Breaker Addition for Circuit 917	Construction	\$1,257	\$51					\$1,308
Brandy Branch Sub Solar T2 Addition - Substation Project	Construction	\$3,746	\$50					\$3,796
Dinsmore 230 - 26 kV Substation	Construction	\$14,420	\$16					\$14,436
GEC 230 kV Circuit 909 Interconnect	Construction	\$438	\$3					\$441
Replacement of T1 and the Low Side Bus				\$4,500				\$4,500
Transmission - Circuits 821 - 822 - 853 Structure Rebuild – Electric Improvements	Construction	\$7,133						\$7,133
		\$65,962	\$35,759	\$15,362	\$5,381	\$3,227	\$2,345	\$126,741

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: David Malmsten

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Substation R&R Projects - Transformer Replacements	Program	\$2,457	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$7,000
General Substation Improvements	Program	\$1,162	\$700	\$700	\$700	\$700	\$700	\$3,500
Capital Tools and Equipment - T&S Maintenance	Program	\$77	\$80	\$80	\$80	\$80	\$80	\$400
		\$3,696	\$2,180	\$2,180	\$2,180	\$2,180	\$2,180	\$10,900

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Garry Baker

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Energy Management System - EMS - Base Upgrade Project	Program	\$218	\$335	\$240	\$200	\$130	\$130	\$1,035
Energy Management System - EMS - RTU Upgrade Project	Program	\$71	\$155	\$50	\$50	\$50	\$50	\$355
500 kV Transmission Line Upgrades	Complete	\$1,450	\$53					\$1,503
		\$1,739	\$543	\$290	\$250	\$180	\$180	\$2,893

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Jamila Akrayi

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Energy Project Management Solar Support Project	Construction	\$66	\$3					\$69
		\$66	\$3					\$69

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Jordan Pope

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
RES- Mayo Clinic 230-26kV Substation Property	Construction	\$40	\$5,320					\$5,360
RES- GEC to Mayo Sub 230kV Transmission Corridor Purchase	Construction	\$7	\$360	\$4,410				\$4,777
RES- PSI-Durbin 230-26KV Substation Property	Construction	\$16	\$120					\$136
		\$63	\$5,800	\$4,410				\$10,273

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Kimberlie Wheeler

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
230KV_138KV_69 kV Insulator Refurbishment	Program	\$356	\$500	\$500	\$500	\$500	\$500	\$2,500
230 KV_ 138KV_69 kV Pole Refurbishment	Program	\$982	\$500	\$300	\$300	\$300	\$300	\$1,700
OM - General Transmission Improvements	Program	\$91	\$100	\$100	\$100	\$100	\$100	\$500
Transmission R&R Projects - PH	Program			\$2,500	\$2,500	\$2,500	\$2,500	\$10,000
		\$1,429	\$1,100	\$3,400	\$3,400	\$3,400	\$3,400	\$14,700

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Russ Durham

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Eagle LNG 138-13.8 kV Substation	Schematic Design		\$3,000	\$6,867	\$1,000			\$10,867
Eagle LNG 138-13.8 kV Substation-SPCP	Schematic Design		\$157	\$700	\$200			\$1,057
Eagle LNG 138kV Circuit 847 Interconnect	Schematic Design		\$118	\$250	\$100			\$468
Mayo 230-138-26kV Substation	Schematic Design	\$138		\$995	\$6,000	\$4,000		\$11,133
GEC to Mayo 230kV Circuit 950 Addition	Planned			\$300	\$6,500	\$8,500	\$900	\$16,200
Mayo 230-138-26kV Substation - SPCP	Planned			\$150	\$700	\$50		\$900
GEC 230kV Bay & Breaker Addition for Circuit 950	Planned			\$100	\$300	\$700	\$100	\$1,200
St Johns 4kV Substation Rebuild - SPCP	Planned			\$100	\$200	\$100		\$400
Mayo Substation 138kV transmission Interconnects	Planned			\$12	\$288	\$200		\$500
GEC 230kV Bay & Breaker Addition for Circuit 950-SPCP	Planned			\$10	\$180	\$300	\$10	\$500
SouthWest Substation-Transmission	Planned					\$5,000	\$5,000	\$15,000
SouthWest Substation - Substation	Planned					\$2,000	\$7,000	\$14,000
SJRPP 230 - 26kV Substation	Planned					\$1,500	\$3,500	\$5,000
New Nocatee T-2 TX	Planned					\$1,500	\$1,000	\$2,500
69kv - 665 line rebuild	Planned					\$1,000	\$2,000	\$6,000

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Russ Durham

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Pecan Park Area Transmission	Planned						\$5,000	\$15,000
Pecan Park Area Substation	Planned						\$1,000	\$14,000
		\$138	\$3,275	\$9,484	\$15,468	\$24,850	\$25,510	\$114,725

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Ryan Heaton

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Normandy Substation Protection Improvement	Construction	\$2,798	\$1,461					\$4,258
Northside Substation Improvements	Construction	\$2,047	\$818					\$2,865
230kV Breaker Replacement - SPCP	Program	\$1	\$650	\$450	\$225			\$1,324
Transmission Capacitor Bank Controls Replacement	Final Design	\$363	\$615					\$978
College St Substation 13kV Protection and Arc Flash Upgrade	Final Design	\$482	\$577					\$1,059
69kv - 663 line rebuild - SPCP	Schematic Design		\$462	\$46				\$508
Transmission Line Relay Replacement Project	Construction	\$3,055	\$444	\$861	\$898	\$899	\$865	\$7,022
Center Park Substation Protection Improvements	Construction	\$2,336	\$409					\$2,745
Nocatee 230 - 26 kV Substation - SPCP	Construction	\$565	\$385					\$950
Steelbald Solar Center - SPCP	Construction	\$455	\$307					\$762
Park and King 4kV Substation Rebuild - SPCP	Schematic Design	\$42	\$258	\$100				\$400
Westlake Solar Center - SPCP	Schematic Design	\$354	\$243					\$597
Circuit 679 UG Cable Reconductor - SPCP	Construction	\$66	\$236					\$301
Cecil Commerce Center North Solar- SPCP	Schematic Design	\$289	\$195					\$484
Southside GIS 69kV Controller Replacement	Construction	\$1,809	\$177					\$1,986

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Ryan Heaton

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
West Jax Substation Protection Improvement	Construction	\$924	\$165	\$300				\$1,390
Bartram 230 kV Bay and Breaker Addition for Circuit 917 - SPCP	Construction	\$356	\$162					\$518
Brandy Branch Sub Solar T2 Addition - SPCP	Final Design	\$446	\$126					\$572
Dinsmore 230 - 26 kV Substation - SPCP	Construction	\$1,002	\$111					\$1,113
GEC 230 kV Bay and Breaker Addition for Circuit 909 - SPCP	Final Design	\$337	\$80					\$417
Greenland 230kV Substation Protection Improvements	Construction	\$1,424	\$46					\$1,470
Forest Sub 217 Feeder - SPCP	Construction		\$12					\$12
Transmission Circuit 692 Underground Cable Replacement- Part B (SPCP)	Construction		\$10	\$70				\$80
Bartram 298: Feeder Extension in Transmission ROW from Sub to Bartram Park Bv - SPCP	Construction		\$10					\$10
		\$19,151	\$7,959	\$1,826	\$1,123	\$899	\$865	\$31,822

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Substation & Transmission Projects

(\$'s in 1,000s)

Manager: Todd Skinner

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
General Protection System Improvements Transmission	Program	\$84	\$150	\$150	\$150	\$150	\$150	\$750
Substation R&R Projects - Future	Program			\$3,000	\$3,000	\$3,000	\$3,000	\$12,000
		\$84	\$150	\$3,150	\$3,150	\$3,150	\$3,150	\$12,750

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Christalyn Pruitt

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
NGS - Generation Support Capital Improvements	Program	\$2,475	\$3,500	\$4,000	\$4,000	\$4,000	\$4,000	\$19,500
		\$2,475	\$3,500	\$4,000	\$4,000	\$4,000	\$4,000	\$19,500

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Jamila Akrayi

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
GEC - CT1 - Hot Gas Path Inspection #1	Construction	\$42	\$5,858					\$5,900
NGS - Energy Project Management Capital Improvement Projects	Program	\$1,883	\$3,000	\$6,000	\$6,000	\$6,000	\$6,000	\$27,000
NGS - CT3 Major Inspection	Construction		\$2,800					\$2,800
BBGS - GEC General Capital Improvements	Program	\$1,606	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000
BBGS - B52, B53 HRSB Transition Duct Liner	Schematic Design		\$1,409					\$1,409
BBGS - B50 HRSB Personnel Elevators	Schematic Design	\$21	\$1,153					\$1,174
KGS - K30 - Fire Loop Piping Replacement	Construction	\$488	\$939					\$1,428
KGS - K30 - Control Room Upgrade	Final Design	\$154	\$838					\$992
NGS - N00 CSU Chain, Buckets and Sprocket replacement	Construction		\$811					\$811
GEC - MarkVIe Full Migration & Security ST	Schematic Design	\$9	\$764					\$773
NGS - N01, N02, N03 Control System Server Replacement and Software Upgrade	Construction	\$549	\$644					\$1,193
NGS - N03 Circulating Water Pump Replacement	Construction	\$314	\$636					\$950
NGS - N01, N02 Expansion Joints Installation	Construction	\$466	\$607					\$1,073
NGS - N02 Valve Actuator Overhaul	Construction	\$57	\$542					\$599
NGS - N33, N34, N35, N36 Electrical Equipment Upgrades	Final Design	\$225	\$496	\$312	\$312	\$313		\$1,657

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Jamila Akrayi

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
NGS - N03 River Water Booster Pump Replacement	Schematic Design	\$138	\$455					\$593
NGS - N33, N34, N35, N36 DCS Control System Upgrade	Construction		\$424	\$398	\$392	\$455		\$1,669
NGS - N02 CFB HRA Impulse Cleaning System Installation	Construction	\$574	\$415					\$988
NGS - N01-N02 PA and SA Fan Silencer replacement	Construction		\$366	\$670				\$1,036
NGS - N01 N02 BIEB UPS Replacement	Construction		\$334	\$73				\$407
NGS - N03 HP/IP Turbine Inspection	Construction		\$295	\$3,090				\$3,385
NGS - N02 B INTREX East Wall Refractory Replacement	Construction		\$290					\$290
KGS - CT7 - Hot Gas Path Inspection #3	Construction		\$250	\$5,318				\$5,568
KGS - B50, G60 & K30 Plant Alarm and PA System	Construction	\$28	\$209					\$237
NGS - N03 Waterfront Repairs	Construction	\$222	\$156					\$378
NGS - N03 Turbine Valve Inspection	Construction		\$60	\$1,246				\$1,306
NGS - N03 BFP Turbine Inspection	Construction		\$50	\$850				\$900
KCT8 Generator Field Rewind - URGENT	Construction	\$1,653	\$9					\$1,662
BBGS UPS Replacement Project	Construction		\$7	\$355	\$326			\$688
KGS - CT7 - Rotor Replacement	Planned			\$3,600	\$14,202			\$17,802

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Jamila Akrayi

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
NGS - CT4 Major Inspection	Planned			\$2,800				\$2,800
NGS - Byproduct Storage Area II	Final Design	\$230		\$1,800	\$11,855	\$5,396		\$19,281
BGS B50 Turbine Parts Warehouse	Planned			\$839				\$839
BBGS - CT2 - Hot Gas Path Inspection #6	Planned			\$250	\$5,745			\$5,995
BBGS - CT3 - Hot Gas Path Inspection #6	Planned			\$250	\$5,745			\$5,995
BBGS - CT1 - Rotor Replacement	Planned				\$3,600	\$14,202		\$17,802
BBGS - B52, B53 SCR Catalyst Replacement	Planned				\$500	\$439		\$939
BBGS - CT1 - Hot Gas Path Inspection #3	Planned				\$250	\$6,550		\$6,800
NGS - Intake and Discharge Flume Concrete Repair	Planned					\$1,678		\$1,678
BBGS - CT2 - Hot Gas Path Inspection #7	Planned					\$300	\$6,156	\$6,456
BBGS - CT3 - Hot Gas Path Inspection #7	Planned					\$300	\$6,156	\$6,456
NGS - CT5 Major Inspection	Planned						\$2,800	\$2,800
		\$8,660	\$25,816	\$29,852	\$50,927	\$37,632	\$23,112	\$172,509

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Melinda Fischer

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
GEC – 7HA.02 1X1 Combined Cycle Addition	Planned					\$4,981	\$10,000	\$532,981
						\$4,981	\$10,000	\$532,981

* Could Contain Funding Beyond FY25

Five Year Capital Plan - Generation Projects

(\$'s in 1,000s)

Manager: Randall Van Aartsen

Project Description	Project Phase	Prior Years Expenditures	FY21 Forecast	FY22 Forecast	FY23 Forecast	FY24 Forecast	FY25 Forecast	Project Total*
Compression Upgrade to Greenland Pipeline – Related to New Generating Capacity at GEC	Planned						\$1,000	\$7,000
							\$1,000	\$7,000

* Could Contain Funding Beyond FY25