Electric Fund

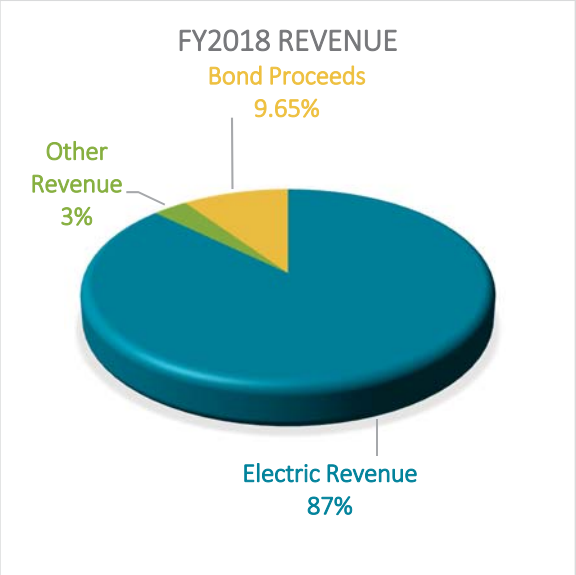
Spinning Spur Turbines

Electric Fund

Electric Fund

The Electric Fund is used to account for the revenues and expenses of the City's electric utility. This includes the Electric Department, purchased power costs, debt payments, and capital projects. The fund also transfers a 7% return on investment (ROI) benefit to the General fund, which represents the community's utility ownership.

The City currently has wind and gas contracts that make Georgetown a 90% renewable energy provider. In July 2018, the City's gas contract will expire and a solar contract will be activated making Georgetown the first City in Texas to be at 100% renewable energy.

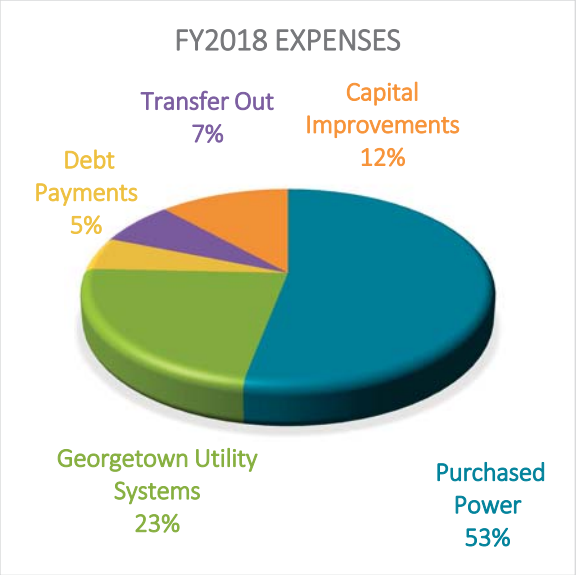


Fiscal Year 2017

Total revenues are projected to be $77 million, which is 1.79% higher than the current budget. The higher than expected revenue is primarily the result of higher than projected sales.

Total expenditures will be $71 million, or 2.6% higher than the current budget. Purchased power is projected to cost $44 million, which is 16% more than budgeted. This expense is a result of the City selling excess generation into a depressed wholesale market, milder weather conditions and the effects of Hurricane Harvey. The City is projecting to receive $3 million more in congestion revenue right to help offset the overage in purchased power costs. It is anticipated the electric fund will need a budget amendment to cover this overage.

Total fund balance is projected to be $12.5 million as of September 30, 2017 expenditures. This fund also features a rate stabilization reserve of $4.5 million and a contingency reserve of $5.0 million. Final rate stabilization reserves will depend upon the final purchased power costs.



Fiscal Year 2018

Budgeted revenues total $77 million. Revenues are projected to increase by 1.03% when compared to the FY2017 projection, which is the result of continued customer growth. The chart to the right gives a breakdown of the fund's revenues by source.

Budgeted expenses total $79 million and are expected to increase by 11% when compared to the FY2017 projection. The increase in expenses is the result of an increase in power costs.

Ending fund balance totals $10.6 million and meets the Fiscal and Budgetary Policy reserve requirements in FY2018. Additionally, this fund has a $5.5 million Rate Stabilization/Credit Reserve, which is growing by $1 million over FY2017, and a $5.1 million in Contingency. Due to the volatile nature of the electric market, reserve levels are monitored closely.

Proposed enhancements include the following new positions, one-time expenditures, and new programs.

- *Technical Services: Overtime and Standby Time Increase:* With the increase of demand from the addition of the Western District service territory, staff is required the use of two on-call standby techs instead of one. Additional staff is needed to cover the after hour's call-outs and to ensure level of service for response times are met. Proposed Cost: $20,800.

- *Technical Services: Meter Technician:* The addition of this technician addresses increases in requests for meter services and provides quality checks on equipment. Proposed Cost: $107,370.

- *T&D Operations: Substation Testing Equipment:* A contractor is used to perform mandatory reliability testing and maintenance at a cost of around $34,000 annually. Over the last four years this cost has totaled to approximately $136,000. Current staff has the necessary skills and experience to perform this testing but do not have the equipment to perform the testing. By making this investment, staff would no longer have to rely on an outside contractor to perform mandated testing and maintenance work on breakers and relays inside substations, which will save money over time. Proposed Cost: $85,000.

- *Resource Management: Electric Rate Study:* Under the current Fiscal and Budgetary Policy, rates must be reviewed every three years. This study will update the projected future rates, as well as anticipate the need for future rate stabilization increases to stabilize long term rates for customers. Proposed Cost: $40,000.

- *Supervisory Control and Data Acquisition (SCADA): SCADA Reporting Software:* Update the SCADA reporting application by upgrading to an enterprise package, replacing the proprietary tool currently in use. Proposed Cost: $10,000.

FUND SCHEDULE

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Beginning Fund Balance	**10,241,728**	**6,436,145**	**6,196,296**	**12,328,770**	**-**	**12,328,770**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Operating Revenue						
Electric Revenue	61,570,923	65,898,216	66,306,239	67,595,139	-	67,595,139
Other Revenue	5,345,286	3,820,000	3,838,465	3,165,000	-	3,165,000
Interest	25,079	18,100	48,000	48,318	-	48,318
Interfund Transfers/Shared Svcs	-	-	-	90,981	-	90,981
Operating Revenue Total	**66,941,287**	**69,736,316**	**70,192,704**	**70,899,438**	**-**	**70,899,438**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Operating Expense						
Purchased Power	42,622,904	38,000,000	44,000,000	44,000,000	-	44,000,000
Georgetown Utility Systems	14,563,760	16,771,435	16,258,519	17,538,194	243,777	17,781,971
Transfer Out	5,670,050	5,365,645	5,331,500	5,553,707	32,600	5,586,307
CIS Implementation	63,632	129,000	134,000	134,000	-	134,000
CRR Credits	(2,154,132)	(1,500,000)	(4,500,000)	(2,000,000)	-	(2,000,000)
Operating Expense Total	**60,766,213**	**58,766,080**	**61,224,019**	**65,225,901**	**276,377**	**65,502,278**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Available Operating Fund Balance	**16,416,802**	**17,406,381**	**15,164,980**	**18,002,307**	**(276,377)**	**17,725,930**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Budget	FY2018 Changes	FY2018 Budget
Non-Operating Revenue						
Bond Proceeds	1,761,132	7,025,000	7,025,000	6,537,000	-	6,537,000
Non-Operating Revenue Total	**1,761,132**	**7,025,000**	**7,025,000**	**6,537,000**	**-**	**6,537,000**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Non-Operating Expense						
Capital Improvements	8,596,647	6,956,000	6,383,408	9,385,000	-	9,385,000
Debt Payments	3,398,615	3,462,471	3,462,471	4,235,227	-	4,235,227
Debt Issuance Costs	94,168	16,800	15,331	16,800	-	16,800
Non-Operating Expense Total	**12,089,430**	**10,435,271**	**9,861,210**	**13,637,027**	**-**	**13,637,027**
	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Ending Fund Balance	**6,088,504**	**13,996,110**	**12,328,770**	**10,902,280**	**(276,377)**	**10,625,903**
CAFR Adjustment	107,792	-	-	-	-	-
Contingency	4,775,000	5,000,000	5,000,000	5,125,000	-	5,125,000
Rate Stabilization Reserve	-	4,500,000	4,500,000	5,500,000	-	5,500,000
Available Fund Balance	**1,421,296**	**4,496,110**	**2,828,770**	**277,280**	**(276,377)**	**903**

Electric Administration & Energy Services

Department Description

The Electric Administration & Energy Services Departments operate, maintain, and construct an energy delivery system comprised of overhead and underground feeders and their branch circuits for over 23,000 electric customers. These Departments manage all major assets related to the distribution of electric services. The Public Utility Commission of Texas (PUCT), Energy Reliability Council of Texas (ERCT), and North American Electric Reliability Corporation (NERC) regulate these services.

Electric Fund — Electric Administration & Energy Services — 33 FTEs

Major Department Accomplishments for FY2017

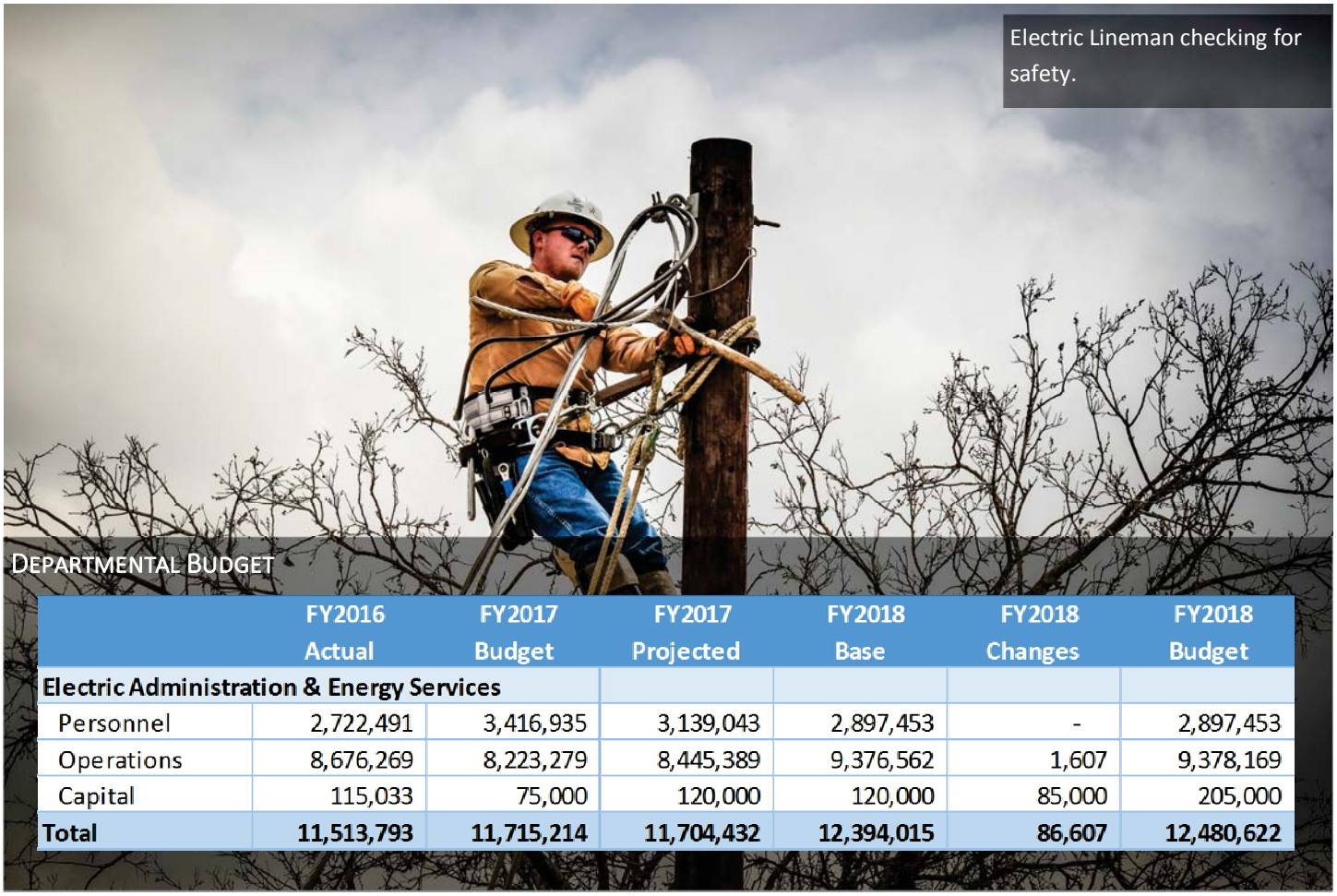
- ✓ Provided outstanding Electric reliability to over 23,000 Georgetown customers.
- ✓ Prioritized safety initiatives with over 75,000 hours worked with zero injuries.
- ✓ Expanded the proactive maintenance inspection and repair program.
- ✓ Substantially completed the voltage conversion project (99%).
- ✓ Relocated Electric personnel and material into the Westside Service Center to improve response times.
- ✓ Refined the scheduling process to gain efficiencies in productivity as well as enhance customer satisfaction.
- ✓ Worked with the warehouse/materials to improve the material process.
- ✓ Finalize and implemented the GUS Emergency Response Center project.
- ✓ Maintained outstanding performance around maintenance, both proactive and reactive, for the Substation Department.

Major Department Goals & Strategies for FY2018

- Continue to provide outstanding Electric reliability to over 23,000 Georgetown customers.
- Focus on safety and continue to meet the goal of "Zero Injuries and Zero Incidents".
- Develop and implement a proactive maintenance inspection and repair program for the rest of the assets moved into Infor/EAM.
- Refine and improve the crew scheduling process to gain further efficiencies.
- Purchase relay testing equipment for the Substation Department to reduce dependence on outsourcing and at the same time investing knowledge and skill in employees.
- Initiate a process to schedule service order work within prescribed time frames based on customer needs.
- Develop and implement a proactive maintenance program for the expanding underground electric distribution system.

Notable Budget Item(s)

Substation Testing Equipment
$85,000



Electric Lineman checking for safety.

Departmental Budget

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Electric Administration & Energy Services						
Personnel	2,722,491	3,416,935	3,139,043	2,897,453	-	2,897,453
Operations	8,676,269	8,223,279	8,445,389	9,376,562	1,607	9,378,169
Capital	115,033	75,000	120,000	120,000	85,000	205,000
Total	**11,513,793**	**11,715,214**	**11,704,432**	**12,394,015**	**86,607**	**12,480,622**

Departmental Performance Measures

Energy Services strives to operate at a high level that is both safe and efficient. Key performance indicators (KPIs) are tracked in order to ensure quality service is provided to the citizens of the City of Georgetown. Safety is measured through training and number of incidents with a standard of 95% safety meeting attendance. Energy Services safety KPI currently measures 98% with zero incidents recorded through FY2017. The image to the right is a graphical representation of safety oriented performance measures tracked monthly by the Energy Services Department.

June 2017

	GUS Safety	Water O&M	Water Service Quality	Electric O&M	Electric Service Quality	Good	Caution	Alert
Combined Water Services Safety	93%					>90%	90%-80%	<80%
Electric Ops Safety	92%					>90%	90%-80%	<80%
Water Loss		↑12.2%				<15%	15%-17%	>17%
SO OTC				↑100%		>90%	90%-80%	<80%
PM WO OTC		↑97%		↓96%		>90%	90%-80%	<80%
CM WO OTC		↑92%		↓99%		>90%	90%-80%	<80%
CM WO Backlog		28		0		N/A	N/A	N/A
ASAI			99.97		99.98	>99	99-98	<98
SAIFI			0.21		0.71	<1	1-2	>2
CAIDI			81.06		21.90	<116	116-200	>200

ASAI-Average Service Availability Index

SAIFI-System Average Interruption Frequency

CAIDI-Customer Average Interruption Duration Index

Comments:

Water Ops Safety - Meeting Attendance 80% (No Incidents) Observations 79%

Water Plant Safety - Meeting Attendance 100% (No Incidents) (100% Overall)

Wastewater Plant Safety - Meeting Attendance 87% (No Incidents) (93% Overall)

Electric Ops Safety - Meeting Attendance 82% (No Incidents) Observations 93%

Tech Services / Systems Engineering - Meeting Attendance 77% (No Incidents) (88% Overall)

Electrical Engineering

Department Description

The Electric Engineering Department is responsible for overall project coordination, design, and construction of projects for the City's Electric Distribution and Substation Systems, as well as the Fiber Network. The Department is also responsible for inter-departmental coordination of seamless customer service, management, and forecasting of the five-year CIP budget, and system master planning and performance.

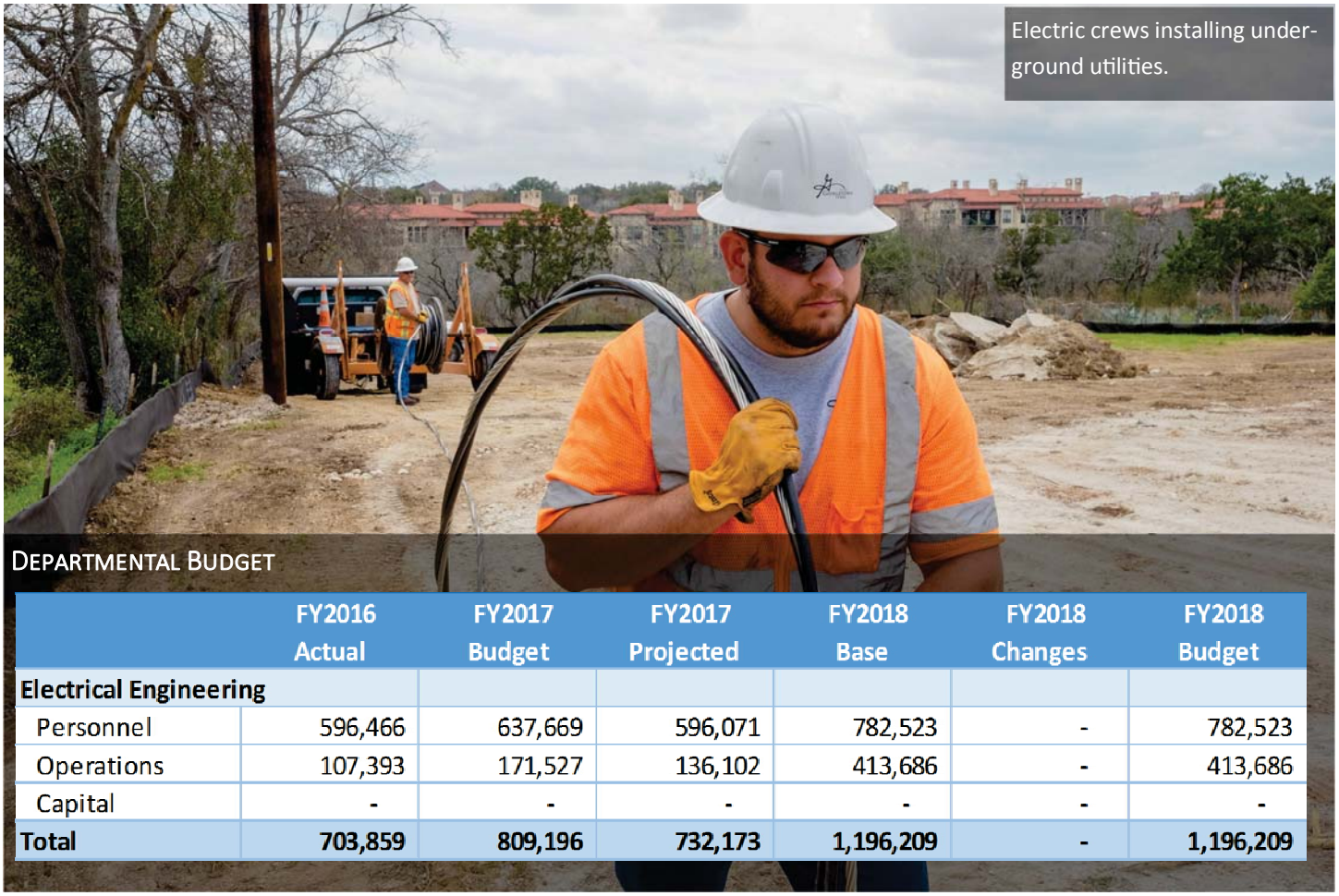
Electric Fund — Electric Engineering — 7 FTEs

Major Department Accomplishments for FY2017

- ✓ Established capital improvement project (CIP) tracking processes to track, monitor, and report project status and track year-to-date expenditures.
- ✓ Aggressively pursued new customers in dual certified electric areas including Vista Pointe, DPS Westinghouse, Estraya, Mansions ll, and Goodwater Montessoria.
- ✓ Established new customer service guidelines to minimize cost to new development customers.
- ✓ Continued updating the electric distribution construction standards to include new technologies and improved products.
- ✓ Provided on time delivery to new development projects.
- ✓ Expanded fiber optic connectivity to Wastewater projects, both inside and outside Electric service area (when economically feasible).

Major Department Goals & Strategies for FY2018

- Actively work towards improving CIP budget tracking.
- Continue to provide excellent customer service to new development projects while utilizing the cost effective methods.
- Improve system reliability with new technologies and design changes.
- Establish procedure for data sharing with Accounting, Finance, and City Management for CIP budgets.
- Support downtown redevelopment, including Downtown West.
- Support major CIP roadway projects as they move to construction, including Rivery Blvd, Northwest Blvd, and Airport Road.
- Continue to aggressively pursue new customers in dually certified service areas.



Electric crews installing underground utilities.

Departmental Budget

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Electrical Engineering						
Personnel	596,466	637,669	596,071	782,523	-	782,523
Operations	107,393	171,527	136,102	413,686	-	413,686
Capital	-	-	-	-	-	-
Total	**703,859**	**809,196**	**732,173**	**1,196,209**	**-**	**1,196,209**

Departmental Performance Measures

Capital Improvement Projects (CIP) and the maintenance of the City's fiber network are top priorities for the Electrical Engineering Department. Over the past five years, the Department has completed millions of dollars in improvements within the transmittal and fiber networks to keep pace with the growth the City is experiencing. The department aims to deliver projects in a *timely* fashion and *on budget*. In the coming year, the Electrical Engineering Department will be engaging in the City's performance management program to develop quality performance metrics focused on timely project completion, fiscal transparency, and cost effectiveness of these activities.

Electric System Operations

Department Description

System Operations is the Control Center for the Georgetown Utility Systems (GUS). Using SCADA and specialized programs, this Department monitors and operates the Utility systems on a 24/7 basis. The Department receives all work requests and either dispatches on-call field staff in Electric or Water Operations or passes lower priority work to operations planner/schedulers. After normal business hours, this Department takes on the role of Customer Care to resolve equipment issues reported by customers. In addition, this Department conducts all infrastructure locates required as part of the One-call system. While this department is located in the Electric Fund, costs are also allocated to the Water Fund.

Electric Fund — Electric System Operations — 16.5 FTEs

Major Department Accomplishments for FY2017

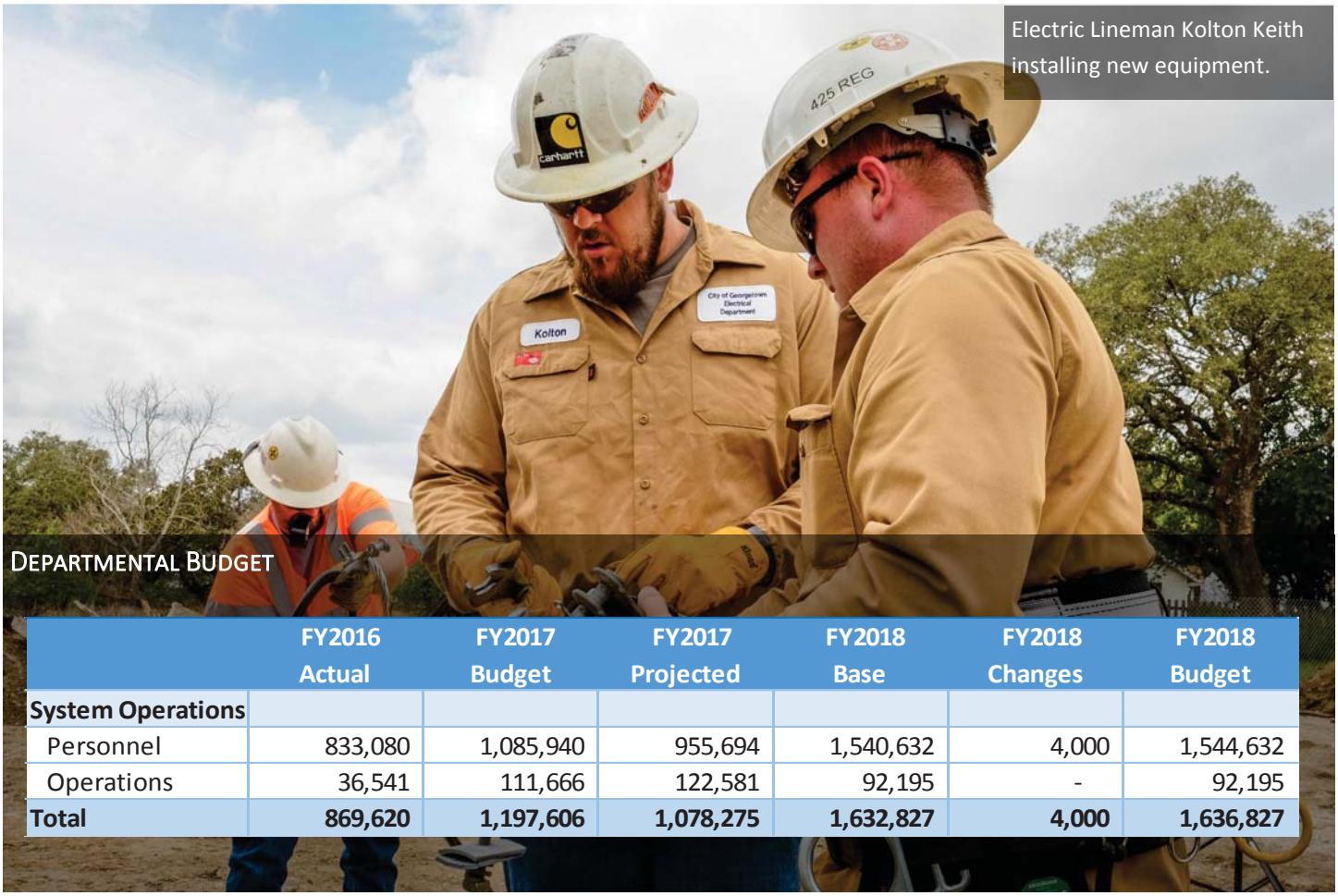
- ✓ Provided outstanding electric reliability to 23,000 Georgetown customers as well as 35,600 water customers.
- ✓ Developed a progression/training process for the operators in the Control Center.
- ✓ Added a second supervisor to the Control Center.
- ✓ Established expanded shifts for operators in order to provide better service.
- ✓ Improved communication to both Electric and Water customers regarding outage information.
- ✓ Fully leveraged the outage management system.
- ✓ Maintained zero switching errors.
- ✓ The mark and locate program responded successfully to a record number of locate requests.

Major Department Goals & Strategies for FY2018

- Continue to provide outstanding Electric and Water reliability to all Georgetown customers.
- Continue to maintain zero switching errors.
- Refine and improve communication to both Electric and Water customers.
- Fully Implement the progression/training process for operators that was developed in late FY2017.
- Analyze and continue to look for opportunities to expand shift coverage.
- Continue to partner with the Water Department to improve switching/valve operations in the field.
- Actively evaluate and monitor for opportunities for process improvement with the goal of providing excellent outage management communication to staff and customers.

Notable Budget Item(s)

Stand by Pay
$4,000



Electric Lineman Kolton Keith installing new equipment.

Departmental Budget

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
System Operations						
Personnel	833,080	1,085,940	955,694	1,540,632	4,000	1,544,632
Operations	36,541	111,666	122,581	92,195	-	92,195
Total	**869,620**	**1,197,606**	**1,078,275**	**1,632,827**	**4,000**	**1,636,827**

Departmental Performance Measures

Providing reliable, safe electrical service to customers is a top priority for the Department. Performance measures relating to availability, capacity, and reliability have been developed to ensure our citizens are receiving the highest quality service.

Specific measures include the *Average Service Availability Index (ASAI),* the *System Average Interruption Frequency Index (SAIFI*), and the *Customer Average Interruption Duration Index (CAIDI).*

ASAI is a measure that calculates the ratio of total customer minutes that service was available to the total customer minutes demanded in a time period. System Operations aims for a value of 99 or greater for ASAI. The most recent value was 99.985%. SAIFI is defined as the average interruption duration for customers served during a specific time period. This index enables the utility to report how many minutes customers would have been out of service if all customers were out at one time. System Operations aims for a value of 1 or less for SAIFI. The most recent value was 0.70%. CAIDI is a measure of the average length of an interruption, weighted by the number of customers affected, for customers interrupted during a specific time period. The index enables the utility to report the average duration of a customer outage for those customers affected. Georgetown is exceeding the goals for Availability, Interruption, and Duration. System Operations aims for a value of 116 or less for CAIDI. The most recent value was 21.7.

$$SAIFI = \frac{Total\ Number\ of\ Customer\ Interruptions}{Total\ Number\ of\ Customers\ Served}$$

$$CAIDI = \frac{Total\ Duration\ of\ Customer\ Interruptions}{Total\ Number\ of\ Customer\ Interruptions}$$

$$ASAI = \frac{Customer\ Hours\ Service\ Availability}{Customer\ Hours\ Service\ Demand}$$

Technical Services

Department Description

Technical Services is responsible for efficiently managing the utility's technical systems that support water, wastewater, and electric operations, customer care, public works, and engineering. It includes maintenance and management of the specialized operating systems and technical hardware, and assets that comprise the utility SCADA (Supervisory Control and Data Acquisition), metering, and fiber systems.

Electric Fund — Technical Services — 12 FTEs

Major Department Accomplishments for FY2017

- ✓ Supported utility operations through safe and efficient operations and maintenance of the utility's SCADA, fiber, and utility metering systems.
- ✓ Expanded the use of Enterprise Asset Management (EAM) to include SCADA assets.
- ✓ Replaced, updated, or installed SCADA equipment at several existing and new sites (3 new lift stations, 4 new capacitor banks, and 2 new storage tanks).
- ✓ Enhanced SCADA reporting capabilities.
- ✓ Improved communications to two existing sites by deploying the use of WiMAX technology.
- ✓ Expanded the unmetered water measurement initiatives to improve the water utility annual water loss number through several projects.
- ✓ Replaced the aging Utility Control Center dispatch radio system.
- ✓ Supported the development of all existing and future utility metering work flow models for use with the new Customer Information System project.
- ✓ Created training and progression program for SCADA Technicians.

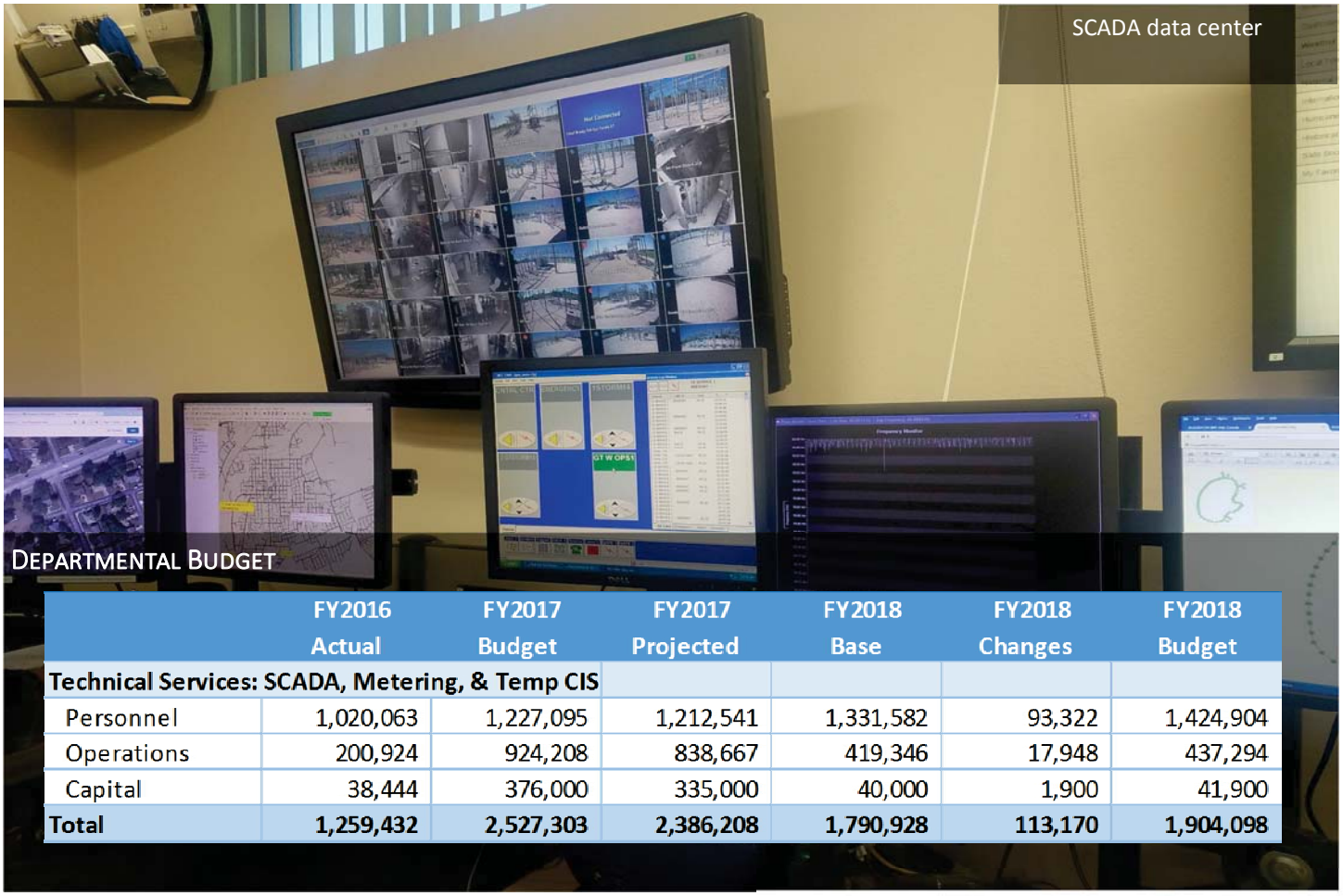
Major Department Goals & Strategies for FY2018

- Expand the use of automated metering infrastructure into the rural water service areas to enhance metering services for use by Customer Care and Metering Services.
- Develop training and progression program for Metering Technicians.
- Develop and expand the use of Enterprise Asset Management (EAM) to include metering system assets and incorporate the Planner/Scheduler descipline into the work flow for metering services.
- Expand the use of EAM to include utility metering assets.
- Increase the metering technician staff to support the increased demands from customer growth and meter maintenance responsibilities.
- Establish and implement Key Performance Indicators (KPIs) for the department.

Notable Budget Item(s)

SCADA Reporting Software
$10,000

Metering Technician
$107,000



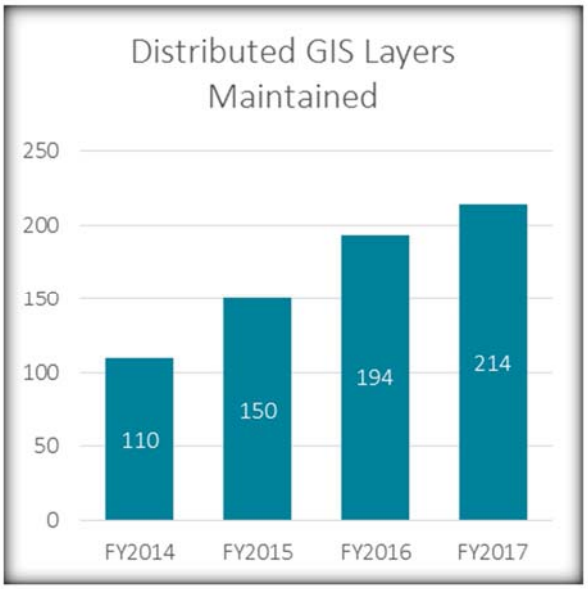
SCADA data center

Departmental Budget

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Technical Services: SCADA, Metering, & Temp CIS						
Personnel	1,020,063	1,227,095	1,212,541	1,331,582	93,322	1,424,904
Operations	200,924	924,208	838,667	419,346	17,948	437,294
Capital	38,444	376,000	335,000	40,000	1,900	41,900
Total	**1,259,432**	**2,527,303**	**2,386,208**	**1,790,928**	**113,170**	**1,904,098**

Departmental Performance Measures

The number of *Distributed GIS Layers Maintained* is a measure of the amount of required data maintained for purposes of adequately supporting the key functions of the utility and transportation divisions. As the number of GIS layers grows, so does the time required to maintain them. The department uses the reliability of SCADA as a major performance measure. Technical Services aims for 99% reliability in SCADA and other technical programs.



Resource Management

Department Description

Resource Management is responsible for resource planning, procurement, hedging, and settlements for the Electric and Water Utilities. The Department engages in retail electric load and water demand forecasting and commodity market tracking. Additionally, the Department manages the wholesale power and raw water contracts, purchases, hedges, and settlements.

Resource Management also provides support and information to City Council to set utility rates and impact fees.

Electric Fund — Resource Managment — 3 FTEs

Major Department Accomplishments for FY2017

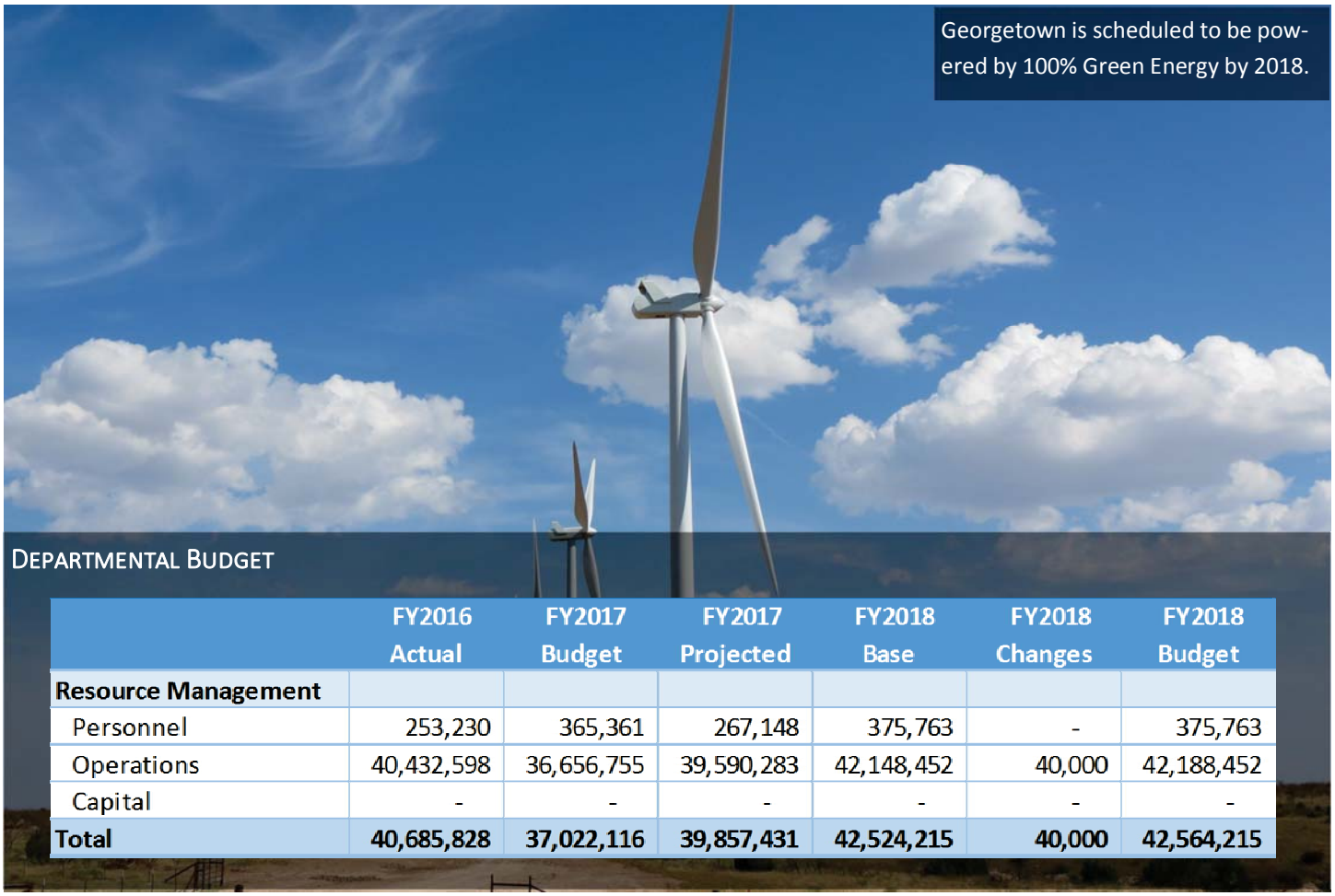
- ✓ Developed monthly utility financial reports to include all GUS operations, Stormwater, and Airport.
- ✓ Completed Distributed Storage Study.
- ✓ Wrote the inaugural Integrated Resource Plan (IRP) for Electric.
- ✓ Officially began 100% renewable in April 2017 with retiring Renewable Energy Credits (RECs).
- ✓ Finished solar radiation map.
- ✓ Updated Council on Water and Electric IRPs.
- ✓ Negotiated contract renewal for solid waste and recycling services.
- ✓ Transitioned Key Accounts program to Customer Care.
- ✓ Promoted the City's resource plan in three documentaries:
  - ✓ "An Inconvenient Sequel: Truth to Power"
  - ✓ "From The Ashes"
  - ✓ "Happening"

Major Department Goals & Strategies for FY2018

- Conduct Electric Rate study and provide rate making course to internal staff.
- Update water and electric Integrated Resource Plan (IRPs).
- Finalize regular quarterly financial updates for utilities.
- Perform financial analysis for the water and wastewater impact fee update.
- Transition Citigroup contract.
- Develop the interval meter data analysis methodology.
- Support Customer Information System (CIS) transition.
- Implement new sanitation rates.
- Support the transfer station and solid waste master plan studies.
- Continuing building long term sanitation contract structure.

Notable Budget Item(s)

Electric Rate Study
$40,000



Georgetown is scheduled to be powered by 100% Green Energy by 2018.

Departmental Budget

	FY2016 Actual	FY2017 Budget	FY2017 Projected	FY2018 Base	FY2018 Changes	FY2018 Budget
Resource Management						
Personnel	253,230	365,361	267,148	375,763	-	375,763
Operations	40,432,598	36,656,755	39,590,283	42,148,452	40,000	42,188,452
Capital	-	-	-	-	-	-
Total	**40,685,828**	**37,022,116**	**39,857,431**	**42,524,215**	**40,000**	**42,564,215**

Departmental Performance Measures

The Resource Planning Department has developed performance metrics to track the price of purchased power, as well as monitor financial hedges to guard against the volatility and risk in the electric market. Due to the confidential nature of this information, these performance metrics are not presented to the public in this document. However, this information is analyzed consistently to ensure the City of Georgetown is providing reliable energy in a cost effective manner. This analysis ultimately led the City to sign purchased power contracts in effort to achieve 100% renewable energy beginning in 2018.

Awards/Accreditations

Project of the year award from Texas Renewable Energy Industries Alliance in recognition of the City's ability to match renewable production against customer load while hedging variability and congestion, and keeping competitive wholesale costs.

Public Service Innovation Team Award from the CenTex Chapter of the American Society of Public Administration in recognition of the City's contracts to move to 100% renewable energy in 2017.

Electric Fund Five-Year Projections

Five-year Electric Fund Assumptions:

- CIP projects paid for by bond proceeds in order to respond to issues of growth
- Purchased Power cost to remain stable due to long term solar and wind contracts
- Stability in the CRR market
- ROI transfers to the General Fund mirror overall growth in electric revenue
- Debt issuance and debt service levels remain stable over five years

	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Beginning Fund Balance	**12,328,770**	**10,625,903**	**14,155,430**	**17,744,635**	**21,228,458**
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Operating Revenue					
Electric Revenue	67,595,139	71,089,200	72,155,538	73,237,871	74,336,439
Other Revenue	3,165,000	1,750,000	1,767,500	1,785,175	1,803,027
Interest	48,318	48,801	49,289	49,782	50,280
Interfund Transfers/Shared Svcs	90,981	95,000	95,000	95,000	95,000
Total Operating Revenue	**70,899,438**	**72,983,001**	**74,067,327**	**75,167,828**	**76,284,746**
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Operating Expense					
Purchased Power	44,000,000	42,513,000	42,513,000	42,513,000	42,513,000
Georgetown Utility Systems	17,781,971	18,404,340	19,048,492	19,715,189	20,405,221
Transfer Out	5,586,307	5,698,033	5,811,994	5,928,234	6,046,798
CIS Implementation	134,000				
CRR Credits	(2,000,000)	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)
Total Operating Expense	**65,502,278**	**65,115,373**	**65,873,485**	**66,656,423**	**67,465,019**
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Available Operating Fund Balance	17,725,930	18,493,531	22,349,272	26,256,040	30,048,185
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Non-Operating Revenue					
Bond Proceeds	6,537,000	8,900,000	8,600,000	9,000,000	9,000,000
Total Non-Operating Revenue	**6,537,000**	**8,900,000**	**8,600,000**	**9,000,000**	**9,000,000**
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Non-Operating Expense					
Capital Improvements	9,385,000	8,918,000	8,688,000	9,163,000	9,053,000
Debt Payments	4,235,227	4,300,101	4,496,637	4,844,583	5,380,065
Debt Issuance Costs	16,800	20,000	20,000	20,000	20,000
Total Non-Operating Expense	**13,637,027**	**13,238,101**	**13,204,637**	**14,027,583**	**14,453,065**
	FY2018 Budget	FY2019 Projected Budget	FY2020 Projected Budget	FY2021 Projected Budget	FY2022 Projected Budget
Ending Fund Balance	10,625,903	14,155,430	17,744,635	21,228,458	24,595,120
Contingency	5,125,000	6,000,000	10,000,000	13,000,000	16,000,000
Rate Stabilation Reserve	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
Available Fund Balance	**903**	**2,655,430**	**2,244,635**	**2,728,458**	**3,095,120**