



# **Annual Performance Report**

## **For the Fiscal Year Ended September 30, 2019 (FY19)**

Prepared in compliance with Resolution No. 3337, adopted by the Bryan City Council on December 14, 2010

**Bryan Texas Utilities**  
**Report of Customers and Revenues by Customer Class and**  
**Average Residential Usage and Average Residential Bill**

	FY19		FY18		FY17		FY16		FY15	
	Average		Average		Average		Average		Average	
	Number of		Number of		Number of		Number of		Number of	
City Electric System	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue
Residential	33,514	\$41,136,148	32,537	\$41,214,932	31,777	\$39,111,757	30,982	\$ 38,743,627	30,573	\$ 37,994,138
Commercial	4,627	35,985,104	4,547	36,403,741	4,493	36,017,676	4,379	36,833,406	4,335	36,089,688
Large Industrial	14	11,679,389	13	10,861,228	17	10,307,465	19	9,721,163	19	9,020,189
Transmission Service	1	2,591,695	1	2,584,825	1	2,468,989	1	1,757,245	1	1,199,685
Security&Street Lights	N/A	1,250,161	N/A	1,242,642	N/A	1,247,533	N/A	1,214,451	N/A	1,162,539
Total	38,155	\$ 92,642,496	37,098	\$ 92,307,367	36,288	\$ 89,153,422	35,381	\$ 88,269,892	34,928	\$ 85,466,239
Average Monthly Residential Usage (Kwh)	1,008		1,037		1,000		1,009		1,049	
Average Residential Bill	\$ 102.34		\$ 105.18		\$ 101.94		\$ 104.21		\$ 103.56	
Average cents/kwh - Residential	10.16		10.14		10.20		10.33		9.88	
Average regulatory cents/kwh - Residential	1.29		1.33		1.33		1.34		1.12	
All other average cents/kwh - Residential	8.87		8.81		8.87		8.99		8.76	

  

	FY19		FY18		FY17		FY16		FY15	
	Average		Average		Average		Average		Average	
	Number of		Number of		Number of		Number of		Number of	
Rural Electric System	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue	Customers	Total Revenue
Residential	17,289	\$31,989,418	16,990	\$29,757,029	16,475	\$29,757,029	15,520	\$ 28,293,319	14,872	\$ 27,113,275
Commercial	4,512	14,550,669	4,391	13,462,635	4,207	13,462,635	4,009	12,671,991	3,808	11,226,511
Security&Street Lights *	N/A	546,911	N/A	543,925	N/A	543,925	N/A	540,471	N/A	524,509
Total	21,801	\$ 47,086,998	21,382	\$ 43,763,589	20,682	\$ 43,763,589	19,529	\$ 41,505,781	18,680	\$ 38,864,295
Average Monthly Residential Usage (Kwh)	1,457		1,489		1,376		1,419		1,559	
Average Residential Bill	\$ 154.19		\$ 145.95		\$ 150.51		\$ 151.92		\$ 151.93	
Average cents/kwh - Residential	10.56		10.75		10.94		10.62		9.74	
Average regulatory cents/kwh - Residential	1.15		1.16		1.16		1.17		0.98	
All other average cents/kwh - Residential	9.41		9.59		9.77		9.45		8.76	

## Bryan Texas Utilities Known or Projected Changes in Base and Fuel Rates

During fiscal year 2018, BTU completed a cost-of-service and rate study. As a result of the study, there were no changes to the City Electric System or Rural Electric System retail customers' base rates, but on October 1, 2018 the Rural Electric System wholesale rate decreased by 38% to reflect capacity cost reductions from TMPA. BTU also implemented minor changes to the Regulatory Charge (RC) and the Power Supply Adjustment (PSA) components of its rates that, at the time, were revenue neutral to the City System and Rural System.

The RC is a pass-through used to recover BTU's Transmission Cost of Service charges as established by the Public Utility Commission of Texas and for other fees assessed by regulatory bodies.

The PSA is a pass-through used to recover fuel costs, net purchased power costs, and adjustments for the over or under recovery for such costs from preceding periods.

## Bryan Texas Utilities Average Customer Outages

	SAIFI			SAIDI		
	Average Number of Outages per Customer per Year			Average Minutes of Outages per Customer per Year		
	APPA*	City	Rural	APPA*	City	Rural
<b>2011</b>	0.81	0.20	0.63	46.36	10.52	37.97
<b>2012</b>		0.39	0.56		19.72	32.91
<b>2013</b>	1.11	0.34	0.40	58.49	11.83	31.38
<b>2014</b>		0.23	0.50		12.78	38.44
<b>2015</b>	1.50	0.18	0.35	94.02	11.13	26.52
<b>2016</b>		0.23	0.54		11.28	38.99
<b>2017</b>		0.25	0.36		12.39	32.33
<b>2018</b>		0.19	0.39		12.02	34.93
<b>2019</b>		0.15	0.40		10.29	33.37

SAIFI - System Average Interruption Frequency Index

SAIDI - System Average Interruption Duration Index

\*APPA's most recently published SAIFI and SAIDI numbers

**Bryan Texas Utilities**  
**Equivalent Availability Factor for Generation Facilities**  
**Twelve Months Ended September 2019 \***

	<b>Equivalent Availability Factor</b>	<b>Unplanned Outages of More than 12 hours</b>
<b>Dansby 1</b>	95.03%	1
<b>Dansby 2</b>	94.21%	1
<b>Dansby 3</b>	97.65%	0
<b>Atkins 7</b>	96.51%	2

**\* reported based on FY to be consistent with the remainder of the Annual Performance Report**

**Bryan Texas Utilities  
Operating and Capital Expenditures**

	FY2019		FY2018		CITY ELECTRIC SYSTEM FY2017		FY2016		FY2015	
	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET
<b><u>OPERATING EXPENSES</u></b>										
Energy Cost	\$ 80,534,591	\$ 74,555,466	\$ 76,505,781	\$ 71,190,903	\$ 69,993,591	\$ 77,678,795	\$ 71,333,494	\$ 81,237,423	\$ 74,683,129	\$ 84,941,256
Capacity Cost	196,070	290,728	17,565,562	18,077,594	28,370,440	27,494,469	29,998,113	30,672,501	27,202,304	28,744,823
TCOS Expense	16,472,739	16,637,311	17,058,219	16,582,464	16,063,152	15,245,133	15,840,864	15,721,121	13,498,758	14,778,356
TCOS Expense - Wholesale	2,227,861	2,139,375	2,259,209	2,422,329	3,081,627	3,083,291	3,072,887	3,473,579	2,900,296	3,257,310
Departmental Expenses	25,959,604	24,816,189	24,009,678	24,539,504	23,879,734	23,841,914	22,663,829	23,976,157	21,545,100	21,811,868
Administrative Reimbursement to COB	3,573,861	2,894,915	664,967	877,368	754,049	921,487	768,630	894,648	881,813	868,590
Administrative Reimbursement from COB	(1,774,062)	(1,630,490)	(1,640,870)	(1,598,520)	(1,762,263)	(1,505,592)	(1,515,748)	(1,575,675)	(1,529,782)	(1,529,782)
<b>TOTAL OPERATING EXPENSES</b>	<b>127,190,664</b>	<b>119,703,494</b>	<b>136,422,545</b>	<b>132,091,641</b>	<b>140,380,330</b>	<b>146,759,498</b>	<b>142,162,068</b>	<b>154,399,754</b>	<b>139,181,618</b>	<b>152,872,421</b>
<b><u>NON-OPERATING EXPENDITURES</u></b>										
Annual Capital Expenditures from Rates	15,438,234	20,423,938	6,481,407	12,569,886	12,903,718	17,920,167	11,319,894	9,584,420	7,621,312	8,572,977
Right of Way Payments to COB	13,350,658	13,193,679	12,379,099	13,051,257	11,918,376	12,435,095	11,908,617	12,299,680	11,411,380	11,619,122
Debt Service Requirements	37,574,536	42,101,955	17,279,316	17,279,316	23,304,109	23,263,080	22,176,065	22,240,941	22,369,965	22,369,965
<b>TOTAL NON-OPERATING EXPENDITURES</b>	<b>66,363,428</b>	<b>75,719,572</b>	<b>36,139,822</b>	<b>42,900,458</b>	<b>48,126,204</b>	<b>53,618,342</b>	<b>45,404,576</b>	<b>44,125,041</b>	<b>41,402,656</b>	<b>42,562,064</b>
<b>TOTAL OPERATING AND OTHER EXPENDITURES</b>	<b>\$ 193,554,092</b>	<b>\$ 195,423,066</b>	<b>\$ 172,562,367</b>	<b>\$ 174,992,099</b>	<b>\$ 188,506,534</b>	<b>\$ 200,377,840</b>	<b>\$ 187,566,644</b>	<b>\$ 198,524,795</b>	<b>\$ 180,584,274</b>	<b>\$ 195,434,485</b>
<b>AMENDED BUDGET</b>		199,173,066		184,992,101		200,377,840		198,524,795		195,434,485
<b><u>FINANCED CAPITAL IMPROVEMENTS</u></b>										
Annual Capital Expenditures from Bonds	24,539,438	27,110,000	10,921,704	33,483,049	29,035,480	53,256,857	16,194,138	47,730,810	13,346,896	17,397,470
<b>TOTAL FINANCED CAPITAL IMPROVEMENTS</b>	<b>\$ 24,539,438</b>	<b>\$ 27,110,000</b>	<b>\$ 10,921,704</b>	<b>\$ 33,483,049</b>	<b>\$ 29,035,480</b>	<b>\$ 53,256,857</b>	<b>\$ 16,194,138</b>	<b>\$ 47,730,810</b>	<b>\$ 13,346,896</b>	<b>\$ 17,397,470</b>

  

	FY2019		FY2018		RURAL ELECTRIC SYSTEM FY2017		FY2016		FY2015	
	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET
<b><u>OPERATING EXPENSES</u></b>										
Purchased Power										
Purchased Power - Base	\$ 10,880,802	\$ 11,162,824	\$ 19,446,505	\$ 18,423,616	\$ 17,162,790	\$ 17,053,855	\$ 16,374,791	\$ 16,531,434	\$ 15,878,248	\$ 14,817,878
Purchased Power - Fuel	14,840,089	15,649,739	15,818,424	15,382,749	14,405,520	14,943,280	13,933,366	14,467,848	12,279,545	14,092,628
Regulatory Charge	4,885,054	5,713,313	5,382,410	5,012,405	4,779,258	4,299,280	4,540,617	4,469,453	3,910,141	4,040,567
Departmental Expenses	3,362,020	4,206,216	1,677,657	1,764,309	1,673,282	1,835,721	1,664,352	1,701,309	1,162,435	1,539,346
All Other	2,887	35,000	36,829	35,000	35,291	35,000	35,688	25,000	34,457	25,000
<b>TOTAL OPERATING EXPENSES</b>	<b>33,970,851</b>	<b>36,767,092</b>	<b>42,361,826</b>	<b>40,618,079</b>	<b>38,056,141</b>	<b>38,167,136</b>	<b>36,548,814</b>	<b>37,195,044</b>	<b>33,264,826</b>	<b>34,515,419</b>
<b><u>NON-OPERATING EXPENDITURES</u></b>										
Annual Capital Expenditures from Rates	5,406,827	10,354,541	2,373,155	4,826,027	3,043,910	3,664,749	4,461,957	2,816,752	4,234,453	3,338,737
Debt Service Requirements	2,097,204	2,967,081	1,824,759	1,824,759	1,822,098	1,968,879	1,201,009	1,890,887	1,204,659	1,204,659
<b>TOTAL NON-OPERATING EXPENDITURES</b>	<b>7,504,031</b>	<b>13,321,622</b>	<b>4,197,914</b>	<b>6,650,786</b>	<b>4,866,008</b>	<b>5,633,628</b>	<b>5,662,965</b>	<b>4,707,639</b>	<b>5,439,112</b>	<b>4,543,396</b>
<b>TOTAL OPERATING AND OTHER EXPENDITURES</b>	<b>\$ 41,474,882</b>	<b>\$ 50,088,714</b>	<b>\$ 46,559,740</b>	<b>\$ 47,268,865</b>	<b>\$ 42,922,149</b>	<b>\$ 43,800,765</b>	<b>\$ 42,211,780</b>	<b>\$ 41,902,683</b>	<b>\$ 38,703,938</b>	<b>\$ 39,058,815</b>
<b>AMENDED BUDGET</b>		50,088,714		52,268,865		46,800,765		43,902,683		39,058,815
<b><u>FINANCED CAPITAL IMPROVEMENTS</u></b>										
Annual Capital Expenditures from Bonds	6,113,559	5,236,401	5,017,277	4,503,953	3,775,974	4,308,359	2,833,604	4,225,128	1,653,883	2,134,603
<b>TOTAL FINANCED CAPITAL IMPROVEMENTS</b>	<b>\$ 6,113,559</b>	<b>\$ 5,236,401</b>	<b>\$ 5,017,277</b>	<b>\$ 4,503,953</b>	<b>\$ 3,775,974</b>	<b>\$ 4,308,359</b>	<b>\$ 2,833,604</b>	<b>\$ 4,225,128</b>	<b>\$ 1,653,883</b>	<b>\$ 2,134,603</b>

Bryan Texas Utilities  
System Average Production Costs

	FY19	FY18	FY17	FY16	FY15
<b>Total Cost*</b>	\$ 59,009,483	\$ 78,862,666	\$ 89,029,262	\$ 87,997,702	\$ 89,128,942
<b>Total MWh</b>	1,552,215	1,542,302	1,458,868	1,422,071	1,429,844
<b>\$/MWh</b>	\$38.02	\$51.13	\$61.03	\$61.88	\$62.33

*\* Includes power production expenses as defined by FERC accounting guidelines. Costs are offset by any revenues from wholesale sales.*

Bryan Texas Utilities  
Annual Bad Debt Expense

	<b>FY19</b>	<b>FY18</b>	<b>FY17</b>	<b>FY16</b>	<b>FY15</b>
<b>City Electric System</b>	\$120,896	\$124,136	\$175,262	\$66,319	\$125,520
<b>Rural Electric System</b>	\$23,791	\$50,394	\$30,356	\$24,711	\$25,321



## Bryan Texas Utilities City and Rural Bond Ratings

	FY19	FY18	FY17	FY16	FY15
<b>BTU - City Electric System</b>					
Moody's	N/A	A2	A2	A2	A2
S&P	A+	A+	A+	A+	A+
Fitch	AA-	A+	A+	A+	A+

	FY19	FY18	FY17	FY16	FY15
<b>BTU - Rural Electric System</b>					
Moody's	N/A	A2	A2	A2	A2
S&P	AA-	A+	A+	A+	A+
Fitch	AA-	A+	A+	A+	A+

**Bryan Texas Utilities****SmartHOME & SmartBUSINESS Programs FY19**

Rebate Programs	Budget FY18	Total Amount Rebated FY18	Number of Customers Participating	kW Saved
SmartHOME	\$100,000	\$72,708	169	61
SmartBUSINESS	\$300,000	\$87,707	21	292
Total for FY18	\$400,000	\$160,415	190	353

## **Bryan Texas Utilities Wind and Solar Energy Utilized in FY19**

### **Utility Scale**

Wind Generation	177,091,000 kWh*
Solar Generation	24,230,000 kWh*

\*BTU has sold all Renewable Energy Credits (RECs) associated with this generation. As such, BTU cannot claim that we utilized any renewable energy from these sources.

### **Distributed Renewable Generation**

Solar (Photo Voltaic) Generation	No longer available <sup>(1)</sup>
Solar (Photo Voltaic) Generation Systems > 100 kW	227,381 kWh
Solar Thermal (Water Heating) Generation Offset**	No longer available <sup>(1)</sup>

\*\*Solar thermal generation is used to heat water, offsetting electricity that would have otherwise been consumed.

<sup>(1)</sup> BTU no longer requires a meter that tracks solar generation on residential and commercial solar installations that are <50kW due to the discontinued solar rebate offer.

Bryan Texas Utilities  
Customers Enrolled In Special Programs  
On December 31, 2019

Program Name	Program Description	Participants
Bank Draft	Allows bill ayment through automatic draft of customers bank accounts.	5,626
E-Billing	Customers receive their invoice in electronic format via e-mail.	10,517
Pay Arrangement	Schedules final payments on inactive accounts.	21
Medical Alert	Identifies customers that have a medical necessity for electricity.	35
Budget Billing	Allows customers to be billed based on average historical usage.	498