



**BRYAN
TEXAS
UTILITIES**

REGULAR BOARD OF DIRECTORS *Meeting Notes*

June 3, 2019

Release of a City of Bryan Easement

The Board approved a release of a City of Bryan easement located north of the intersection of FM 2154 and Greens Prairie Trail.

Discussion Regarding Fiscal Year 2020 Operating & Maintenance Budget

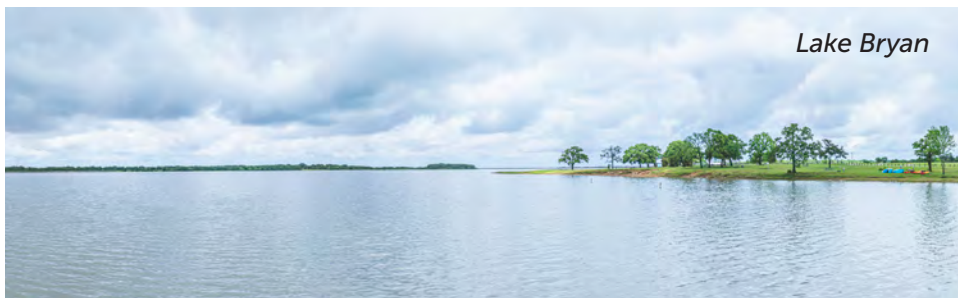
Staff reviewed the proposed Operating and Maintenance budget. The proposed City System budget is 1.3% lower than the FY 2019 budget. The proposed Rural System budget is 27% lower than the previous year due to a one-time expenditure for a Pole Inventory Audit.

Presentation of Credit Rating Comparison of Municipally Owned Utilities

Mr. Doug Lyles, Chief Risk Officer, reviewed the process used by three credit rating agencies to evaluate and rate municipal utilities. He also presented a comparison of BTU's ratings to other similar municipal utilities in Texas.

BTU Board of Directors and Bryan City Council Joint Meeting

The BTU Board of Directors and the Bryan City Council will meet to discuss BTU's annual strategic work plans on Tuesday, July 9, 2019 at the second courtroom of the Bryan Justice Center located at 401 S. Tabor Ave., Bryan, TX.



Lake Bryan

SOCIAL MEDIA



BryanTexasUtilities



BTU_BryanTX



cityofbryan



cityofbryan

BRYAN TEXAS UTILITIES



THE DIFFERENCE IS YOU

BRYAN TEXAS UTILITIES
205 East 28th Street • Bryan, TX 77803
email: ContactBTU@btutilities.com

www.btutilities.com

Hours of Operation

Monday - Friday, 8 a.m. - 5 p.m.

BOARD OF DIRECTORS

Mr. David Bairrington, Chairman
Mr. Flynn Adcock, Vice Chairman
Mr. Carl L. Benner
Mr. Pete J. Bienski, Jr.
Mr. A. Bentley Nettles
Ms. Rosemarie Selman
Mr. Paul Turney
Mr. Buppy Simank, Ex-Officio
Mr. Jason Bienski, Ex-Officio

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David Werley

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Shawndra Curry
Ken Lindberg
Clay Lindstrom
David McIntyre
Vicki Reim

Doug Lyles, Chief Risk Officer
Wes Williams, Regulatory Compliance Officer

CITY OF BRYAN

Kean Register, City Manager
Joe Hegwood, Chief Financial Officer
Bernie Acre, Chief Information Officer

IMPORTANT NUMBERS

Billing/Collections/Connects
(979) 821-5700

Electrical Outage/Lines Down
(979) 822-3777

Distribution/Line Design
(979) 821-5770



GOVERNMENT-IN-ACTION YOUTH TOUR 2019 RECAP

YOUTH TOUR DELEGATES RETURN FROM WASHINGTON, D.C.

Each June, Bryan Texas Utilities sends three local high school students to Washington, D.C., on the Government-in-Action Youth Tour. The action-packed trip is a ten-day adventure for nearly 2,000 high school participants from about 45 states. This all-expenses-paid tour offers students opportunities to learn about the workings of their national government and visit famous landmarks.

The Texas delegates took a day to meet with their elected representatives to discuss current issues. They toured Capitol Hill and the Library of Congress. They also explored monuments and museums, including Mount Vernon, the National Cathedral, the Smithsonian Institution, the Holocaust Memorial Museum, and the Lincoln, Jefferson and Vietnam Veterans memorials, among others.

They spent time at Arlington National Cemetery and attended a wreath-laying ceremony at the Tomb of the Unknown Soldier. The group also took a sightseeing and dance cruise on the Potomac River with students from other states.

Other events included Youth Day, coordinated by the National Rural Electric Cooperative Association, where all the Youth Tour delegates came together for a special event with a keynote address by an inspirational speaker.

Two of the participants, Dylan Benson and Keeley Loyd, returned with special memories of the trip.

Loyd, a soon-to-be junior at Bryan High School said she was most impressed by meeting with Representative Bill Flores, and visiting The Bible Museum and The Holocaust Museum. "I think the biggest takeaway from this trip that will help me in the future was just being a part of Youth Tour. I liked being able to represent our community, and it provided me so many connections and opportunities to meet likeminded individuals that I wouldn't have before," she said.

Benson, a soon-to-be senior at Brazos Christian, enjoyed spending time at Mount Vernon, seeing where George Washington lived overlooking the Potomac River. Benson said his biggest takeaway was "learning how to better apply myself when meeting new people."

For more information about Youth Tour, visit:
YouthTour.org and **TexasYouthTour.com**.

To apply for next year's trip, visit:
btutilities.com or contact
Meagan Brown at **979-821-5715**
or **mbrown@btutilities.com**.



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RISK AND FINANCIAL PLANNING DEPARTMENT

One Department that wears many hats at BTU is the Risk and Financial Planning Department. The scope of BTU's Risk and Financial Planning Department includes monitoring and reporting on energy supply risk and coordinating energy risk management, managing BTU's credit relationships, monitoring legislative and regulatory activity affecting BTU's financial position, preparing BTU's long term financial forecast, planning and executing BTU's debt issuances, settling Electric Reliability Council of Texas and counterpart energy transactions, and working with consultants in developing BTU retail rates.

On the energy supply front, the Risk and Financial Planning Department, working closely with BTU's Qualified Scheduling Entity (QSE), maintains BTU's energy risk policy, which outlines the acceptable risk limits related to BTU's energy transactions. In conjunction with BTU's Risk Operating Committee, the Department helps define BTU's hedging policy, credit requirements, and reporting requirements, and assigns energy risk responsibilities within BTU. The Risk Department operates in conjunction with the QSE in negotiating new power supply contracts, particularly with regard to credit capacity. On a quarterly basis, Doug Lyles, BTU's Chief Risk Officer and the manager of the Risk and Financial Planning Department, updates the BTU Board of Directors on energy costs and the effectiveness of BTU's energy supply operations.

Similar to how an individual's credit score determines the interest rate on a car loan or home mortgage, BTU has credit ratings that affect the cost of doing business. These ratings determine the amount of transactional credit available for energy transactions and the interest costs when borrowing money for capital projects. The Risk Department manages BTU's relationship with the credit rating agencies by communicating business plans and financial projections on a recurring basis. A financially healthy utility leads to stronger credit ratings. Stronger credit ratings create better access to credit and lower business costs, which support BTU's ability to prepare for the needs of its customers.

"The Risk and Financial Planning Department is essential to the success of BTU," General Manager Gary Miller said. "They provide a primary service that allows utility management to develop future strategic plans."

To preserve the continued success of BTU, the Risk Department spends time looking to the future. There is no crystal ball, though. Instead, the Department uses statistical modeling tools to build financial projections used in the yearly budget process and five-year forecast. A thorough understanding of electric industry trends is important to the planning process. The department also monitors regulatory concerns at the Public Utility Commission of Texas and just recently, tracked impactful bills during the regular session of the Texas Legislature.

Ultimately, energy risk, credit, financial planning, and regulatory and legislative matters impact retail electric rates. With the assistance of BTU's rate consultants, the Risk and Financial Planning Department analyzes the impacts of those activities to build cost of service studies. These studies assure that BTU's rates are structured appropriately and are able to recover operating and capital expenditures necessary for dependable service and reliability.

"The Risk and Financial Planning Department's primary goal is to utilize strategies to maintain BTU's excellent business standing," Lyles said. "This in turn secures reasonable, predictable rates for customers now and in the future."



Doug Lyles

Chief Risk Officer
Risk and Financial Planning
Department Manager

ELECTRICITY TIMELINE



1752

Benjamin Franklin uses a kite, a house key, a Leyden jar (a primitive device for storing electrical charges), and a length of wire to discover that lightning is a form of electricity.



1800

Alessandro Volta, an Italian scientist, invented the first battery. The unit of measurement of electromotive force, the volt, is named in his honor.



1883

Nikola Tesla invented the "Tesla coil," a transformer that changes the voltage of electricity to make it easier to transport. Similar transformers are still used today.



1902

Willis Carrier invents the first electric air conditioner.



1936

Congress passed the Rural Electrification Act. This law, part of Franklin D. Roosevelt's New Deal, allowed the government to loan cooperatives money to bring electricity to rural America.



1954

The world's first nuclear power plant opens in the USSR.



1979

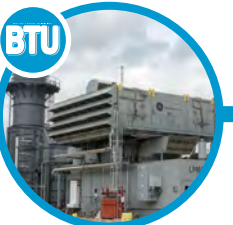
President Jimmy Carter had solar panels installed on the White House. President Reagan requested they be removed in 1981. President Obama had solar panels reinstalled in 2010.



1980

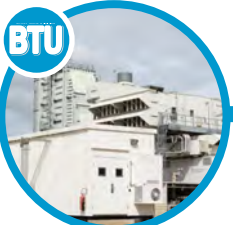
First U.S. wind farm opens in New Hampshire.

Photo courtesy Crotched Mountain Rehabilitation Center



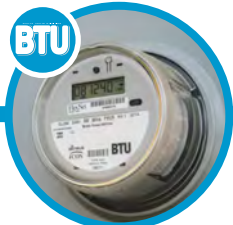
2004

The Dansby Power Plant receives a new generating unit, similar to a jet engine, fueled by natural gas.



2009

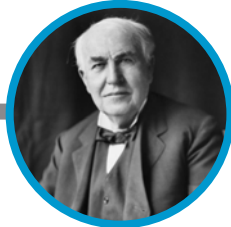
A third generating unit is installed at Dansby Power Plant.



2010

BTU installed Automated Metering Infrastructure (AMI) to wirelessly transmit data.

Historical writings and artifacts show that people have been aware of some type of electricity since ancient times, but where does the modern use of electricity begin? In celebration of BTU's 110th birthday, here are some highlights in the history of electricity.



1879

While Thomas Edison didn't actually invent the first incandescent light bulb, he did invent the first one that was usable. All others before this burned out in a few moments. This new creation could run for about 40 hours without burning out. By the 1880's, his light bulbs could last 1,200 hours.



1882

The Pearl Street Power Station in Manhattan opened. The Edison Illuminating Company, headed by Thomas Edison, built one of the first commercial power plants, serving an initial load of just 400 individual lamps.

1909

Utilities in Bryan became municipally owned following a fire that burned down City Hall. BTU was originally called Bryan Power and Light.



1911

General Electric rolls out the first electric home refrigerators, costing nearly twice as much as cars of the time.



1935

The first Major League Baseball night game played under electric lighting was played at Crosley Field between the Cincinnati Reds and Philadelphia Phillies.

1965

The Great Northeast Blackout causes 30 million people in eight U.S. states and two provinces of Canada to be without power for up to 12 hours.



1976

The Apple 1 computer goes on sale for \$666.66.



1978

The BTU Roland C. Dansby Power Plant is commissioned at Lake Bryan with one steam unit powered by natural gas with a fuel oil backup, and cooled with water from the lake.

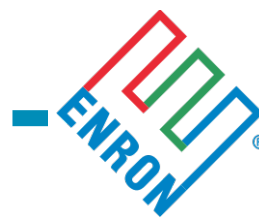
1986

The Chernobyl nuclear accident occurs in the USSR, creating 1,000+ square miles of uninhabitable area.



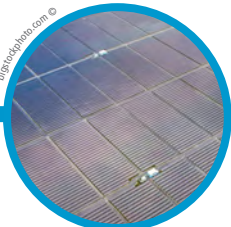
1997

Toyota introduces the first mass-produced hybrid vehicle, fueled by both gas and electricity. The Prius gained popularity and is still available today.



2001

Enron files for Chapter 11 bankruptcy and some executives indicted for fraud.



2015

The largest solar farm in the U.S. at 579 MW is completed in Rosamond, CA, producing enough energy to power approximately 255,000 homes.



2019

BTU TURNS 110 YEARS OLD!



HISTORIC DOWNTOWN BRYAN

Cheers to

BOTTLES, BARRELS AND BEEF!

SEPT
27-29
2019



25+ TEXAS WINERIES



15+ TEXAS BREWERIES



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LIVE TEXAS MUSIC
FOOD VENDORS
KIDS ZONE
ARTISTS & MORE!**

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STEAK DINNER
STEAK COOK-OFF
STEAK & EGG BRUNCH**



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GAMEDAY SHUTTLE

HISTORIC DOWNTOWN BRYAN, TEXAS

Park in historic Downtown Bryan and catch the free gameday shuttle to campus.

TEXAS A&M HOME FOOTBALL SCHEDULE

AUG 29 (THU)	TEXAS STATE
SEP 14 (SAT)	LAMAR
SEP 21 (SAT)	AUBURN
OCT 12 (SAT)	ALABAMA
OCT 26 (SAT)	MISSISSIPPI STATE
NOV 2 (SAT)	UTSA
NOV 16 (SAT)	SOUTH CAROLINA

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