

Versión en español a continuación.

Special Called Meeting of the Electric Utility Commission May 13, 2021

The Electric Utility Commission is to be held May 13, 2021 with Social Distancing Modifications

Public comment will be allowed via telephone; no in-person input will be allowed. **All speakers must register in advance of Wednesday, May 12 by noon.** All public comment will occur at the beginning of the meeting.

To speak remotely at the **Electric Utility Commission** meeting, members of the public must:

- Call or email the board liaison at **512-497-0966** or Jeff.Vice@austinenergy.com no later than noon, Wednesday, May 12. The information required is the **speaker name, the telephone number they will use to call into the meeting, and their email address** (so that the dial-in info may be provided). If speaking on a specific item, residents must indicate the **item number(s) they wish to speak on and whether they are for/against/neutral**. Speakers on any topic that is not a posted agenda item will be limited to the first 10.
- Once a request to speak has been made to the board liaison, the information to call on the day of the scheduled meeting will be provided either by email or phone call.
- Speakers must call in at least 15 minutes prior to meeting start in order to speak, late callers will not be accepted and will not be able to speak.
- Speakers will be placed in a queue until their time to speak; each speaker will have up to three minutes to speak.
- Handouts or other information may be emailed to Jeff.Vice@austinenergy.com by noon the day before the scheduled meeting. This information will be provided to Board and Commission members in advance of the meeting.
- If this meeting is broadcast live, residents may watch the meeting here:
<http://www.austintexas.gov/page/watch-atxn-live>

Reunión del **Electric Utility Commission**

FECHA de la reunion (**13 de Mayo 2021**)

La junta se llevará con modificaciones de distanciamiento social

Se permitirán comentarios públicos por teléfono; no se permitirá ninguna entrada en persona. Todos los oradores deben registrarse con anticipación (12 de mayo antes del mediodía). Todos los comentarios públicos se producirán al comienzo de la reunión.

Para hablar de forma remota en la reunión, los miembros del público deben:

- Llame o envíe un correo electrónico al enlace de la junta en **512-497-0966** or Jeff.Vice@austinenergy.com a más tardar al mediodía (el día antes de la reunión). La información requerida es el nombre del orador, los números de artículo sobre los que desean hablar, si están a favor / en contra / neutrales, y un número de teléfono o dirección de correo electrónico.
- Una vez que se haya llamado o enviado por correo electrónico una solicitud para hablar al enlace de la junta, los residentes recibirán un correo electrónico o una llamada telefónica con el número de teléfono para llamar el día de la reunión programada.
- Los oradores deben llamar al menos 15 minutos antes del inicio de la reunión para poder hablar, no se aceptarán personas que llamen tarde y no podrán hablar.
- Los oradores se colocarán en una fila hasta que llegue el momento de hablar.
- Los folletos u otra información pueden enviarse por correo electrónico a Natasha.Goodwin@austinenergy.com antes del mediodía del día anterior a la reunión programada. Esta información se proporcionará a los miembros de la Junta y la Comisión antes de la reunión.
- Si esta reunión se transmite en vivo, los residentes pueden ver la reunión aquí: <http://www.austintexas.gov/page/watch-atxn-live>



Electric Utility Commission

May 13, 2021 ▪ 5:30 PM

VIA VIDEOCONFERENCING

<http://www.austintexas.gov/page/watch-atxn-live>
Austin, Texas

AGENDA

Members:

Marty Hopkins, Chair (Casar)
Dave Tuttle, Vice Chair (Alter)
Randy Chapman (Pool)
Cary Ferchill (Adler)

Erik Funkhouser (Fuentes)
Karen Hadden (Kitchen)
Cyrus Reed (Tovo)
Rachel Stone (Harper-Madison)

Kay Trostle (Ellis)
Matt Weldon (Kelly)
Stefan Wray (Renteria)

For more information, please visit: www.austintexas.gov/euc

Reading and Action on Consent Agenda: Items 2-9 may be acted upon by one motion. No separate discussion or action on any of the items is necessary unless desired by a Commissioner.

CALL MEETING TO ORDER

CITIZEN COMMUNICATION: GENERAL

Speakers must sign up one day prior to the meeting and will be allowed up to three minutes to provide their comments.

1. **APPROVAL OF MINUTES** – Approve minutes of the April 19, 2021 regular meeting.

NEW BUSINESS – CONSENT

() = Target Council Meeting Date; [] = RCA Type

2. (6/3) [Purchasing] Authorize an amendment to an existing contract with Schneider Electric Smart Grid Solutions, LLC for continued purchase of web-based load profiling software, licenses, maintenance and support, for an increase in the amount of \$3,947,000 and to extend the term by six years, for a revised total contract amount not to exceed \$6,002,814.
3. (6/3) [Purchasing] Authorize negotiation and execution of a multi-term contract with Catapult Systems, LLC, to provide technical and support services for Microsoft on-premise software and cloud services, for up to five years for a total contract amount not to exceed \$12,000,000.
4. (6/3) [Purchasing] Authorize negotiation and execution of a contract with DLT Solutions, LLC, to provide computer-aided drafting software and data management tools including maintenance and support, for a term of five years in an amount not to exceed \$1,700,000.
5. (6/3) [Purchasing] Authorize award of a multi-term contract with Priester-Mell & Nicholson, for air insulated switchgear, for up to five years for a total contract amount not to exceed \$3,500,000.

6. (6/3) [Austin Energy] Approve an ordinance amending the Fiscal Year 2020-2021 Austin Energy Operating Budget (Ordinance No. 20200812-001) to decrease the Austin Energy Operating Fund Ending Balance by \$1,165,887 and increase the Conservation Rebates expenses by \$1,165,887 to provide additional funding for the Austin Energy Weatherization Assistance Program.
7. (6/3) [Purchasing Multi-departmental; AE's estimated amount is \$2.17M] Authorize award of a multi-term contract with 360 Network Solutions, LLC d/b/a 360 Network Solutions, to provide electronic lock access control system, for up to five years for a total contract amount not to exceed \$3,833,625.
8. (6/3) [Austin Energy] Approve issuance of capacity-based incentives to the Housing Authority of the City of Austin for the installation of solar electric systems on the new multifamily affordable housing community Pathways at Chalmers Courts East, located at 300 Chicon St., for an amount not to exceed \$323,360. (District 3)
9. (6/10) [Capital Contracting] Authorize negotiation and execution of a professional services agreement with the following staff recommended firm (or other qualified responders) for Request for Qualifications Solicitation No. Solicitation CLMP312: Allegis Group Holdings, Inc., for engineering services for the AE Staff Augmentation, Engineering and Related Engineering Services for Electric System Engineering and Technical Services Rotation List in an amount not to exceed \$25,875,000.

STAFF BRIEFINGS & REPORTS

10. 2nd Quarter Financial Briefing
11. 2nd Quarter Operations Briefing
12. Green Building Energy Code Amendments.

OTHER BUSINESS

13. Officer elections.
14. Report regarding City Council action on items previously reviewed by the EUC.
15. Future agenda items.

ADJOURNMENT

The City of Austin is committed to compliance with the American with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Meeting locations are planned with wheelchair access. If requiring Sign Language Interpreters or alternative formats, please give notice at least two days (48 hours) before the meeting date. TTY users route through Relay Texas at 711. Please call Jeff Vice, Austin Energy, at (512) 322-6087 for additional information regarding the Electric Utility Commission.



Electric Utility Commission April 19, 2021 Minutes

The Electric Utility Commission (EUC) convened a regularly scheduled meeting via videoconference/Webex. Meeting called to order by Chair Hopkins at 5:34 p.m. Also present were Commissioners Chapman, Ferchill, Funkhouser, Stone, Trostle and Weldon. Commissioners Hadden and Reed joined during the staff briefing. Commissioners Tuttle and Wray were absent.

CITIZEN COMMUNICATION: GENERAL – Paul Robbins re Customer Assistance Program

1. **APPROVAL OF MINUTES** – Approve minutes of the March 8, 2021 regular meeting. **Motion (Trostle) to approve minutes; seconded (Chapman); passed on a vote of 7-0, with Commissioners Hadden and Reed off the dais and Commissioners Tuttle and Wray absent.**

NEW BUSINESS – CONSENT

() = Target Council Meeting Date; [] = RCA Type

Items 2, 3, 5-9 unanimously recommended on consent (7-0, with Commissioners Hadden and Reed off the dais and Commissioners Tuttle and Wray absent). Following discussion, motion (Ferchill) to recommend Item 4; seconded (Weldon); recommended on a vote of 7-0, with Commissioners Hadden and Reed off the dais and Commissioners Tuttle and Wray absent.

2. (4/22) [Capital Contracting] Authorize award and execution of a construction contract with Austin Underground Inc. (MBE), for 301 W. 20th – Duct Bank WR project in the amount of \$542,120 plus a \$54,212 contingency, for a total contract amount not to exceed \$596,332.
3. (4/22) [Purchasing] Authorize an amendment to an existing contract with Pike Enterprises Inc D/B/A Pike Electric LLC, for continued substation installation, repair, and maintenance services, for an increase in the amount of \$2,000,000, for a revised total contract amount not to exceed \$5,000,000.
4. (4/22) [Purchasing] Authorize an amendment to an existing contract with Pike Enterprises Inc, to provide continued transmission and distribution electrical services, for an increase in the amount of \$4,000,000, for a revised contract amount not to exceed \$93,000,000.
5. (5/6) [Purchasing] Authorize negotiation and execution of a contract with Wesco Distribution, Inc., D/B/A Hi-Line Utility Supply Co, LLC aka Power Supply, for substation capacitor banks, for a term of five years for a total contract amount not to exceed \$2,700,000.
6. (5/6) [Purchasing - Multi-Dept; AE's portion approximately \$9M] Authorize an amendment to an existing cooperative contract with Dell Marketing LP, to provide Dell hardware and

software products and related services including maintenance and support, for an increase in the amount of \$21,000,000, for a revised total contract amount not to exceed \$68,250,000.

7. (5/6) [Purchasing] Authorize negotiation and execution of a contract with Gruene Environmental Companies LLC D/B/A Gruene Environmental Construction LP, to provide spill response, cleanup and restoration services, for a term of five years for a total contract amount not to exceed \$2,000,000.
8. (5/6) [Purchasing] Authorize award of a multi-term contract with KBS Electrical Distributors, Inc., for pressure treated wood poles, for up to five years for a total contract amount not to exceed \$3,700,000.
9. (5/6) [Purchasing] Authorize an amendment to an existing cooperative contract with SHI Government Solutions, Inc., to continue providing Tableau products and software including maintenance and support, for an increase in the amount of \$330,000, for a revised total contract amount not to exceed \$1,051,000.

STAFF BRIEFINGS & REPORTS

10. Austin Energy FY22 Forecast and Budget Planning– **provided by Mark Dombroski, Deputy General Manager and CFO.**
11. Energy Market Economics, the Texas Regulatory Framework, Customer Costs for Power Supply and Circuit Segmentation – **provided by Erika Bierschbach, Vice President, Energy Market Operations and Resource Planning; Adam McInroy, Director, Financial Risk Management; Tom Pierpoint, Vice President, Electric System Engineering and Technical Services.**

ITEMS FROM COMMISSIONERS

12. Discussion regarding REACH. (Weldon, Hopkins)

OTHER BUSINESS

13. Officer elections. – **Tabled till next month.**
14. Report regarding City Council action on items previously reviewed by the EUC.

Note: Customer Assistance Program Working Group announced intention to reconvene.

The meeting adjourned at 7:42 p.m.

Posting Language

Authorize an amendment to an existing contract with Schneider Electric Smart Grid Solutions, LLC, for continued purchase of web-based load profiling software, licenses, maintenance and support, for an increase in the amount of \$3,947,000 and to extend the term by six years, for a revised total contract amount not to exceed \$6,002,814.

(Note: This contract is exempt from City Code Chapter 2-9C Minority and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of \$312,804 is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

Contract Amendment.

Prior Council Action:

March 31, 2016 – Council approved the original contract, item 36, on an 9-0 vote with Council Member Zimmerman abstaining and Mayor Adler absent.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov or to Paula Barriffe, at 512-322-6118 or Paula.Barriffe@austintexas.gov.

Council Committee, Boards and Commission Action:

May 10, 2021 - To be reviewed by the Electric Utility Commission.

Additional Backup Information:

The proposed amendment will increase the authorization allowing Austin Energy to include additional meter volume seen due to growth in Austin and continue the use of automation software for demand response and load profiling software services. The load profiling services allow Austin Energy business customers to monitor their 15 minutes, daily, and monthly energy usage over the internet through a secure website and mobile applications. The service is a convenient and user-friendly means by which customers can identify wasteful energy practices, troubleshoot mechanical system maintenance issues, and verify improved conservation measures as well as correlations of energy use with business customers. The continuation of these services supports customer satisfaction for Austin Energy as it provides direct services/benefits to over 29,000 commercial and industrial customers; enables transparency and availability of accurate information; provides customers with access to expanded programs and offerings, including those offered by the Electric Reliability Council of Texas; and provides essential data used for Austin Energy operations and demand response customer settlements.

Schneider holds copyright and trade secret rights to its proprietary software, licenses, and maintenance and support.

Contract Detail:

Contract <u>Term</u>	Length <u>of Term</u>	Current Contract <u>Authorization</u>	Requested Additional <u>Authorization</u>	Revised Total <u>Authorization</u>
Initial Term	1 yr.	\$ 366,608		\$ 366,608
Optional Extension 1	1 yr.	\$ 366,608		\$ 366,608
Optional Extension 2	1 yr.	\$ 390,632		\$ 390,632
Optional Extension 3	1 yr.	\$ 480,358		\$ 480,358
Optional Extension 4	1 yr.	\$ 451,608		\$ 451,608
Proposed Amendment	6 yrs.		\$3,947,000	\$3,947,000
TOTALS	11 yrs.	\$2,055,814	\$3,947,000	\$6,002,814

Note: Contract Authorization amounts are based on the City's estimated annual usage.

Strategic Outcome(s):

Government That Works for All.

Posting Language

Authorize negotiation and execution of a multi-term contract with Catapult Systems, LLC, to provide technical and support services for Microsoft on-premise software and cloud services, for up to five years for a total contract amount not to exceed \$12,000,000.

(Note: Sole source contracts are exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of \$2,400,000 is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

Sole Source.

Prior Council Action:

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov or to Daniel Dellemonache, at 512-974-2981 or Daniel.Dellemonache@austintexas.gov.

Council Committee, Boards and Commission Action:

May 10, 2021 - To be reviewed by the Electric Utility Commission.

Additional Backup Information:

The contract is for technical and support services related to all Microsoft on-premise software and cloud services for Austin Energy. The solution will provide continuous technical and project-based services as well as organizational change management and program management for all Microsoft technologies. These services are needed to enable Austin Energy to maximize the value of its Microsoft technology, improve security, and achieve Federal Risk and Authorization Management Program compliance.

Catapult Systems, LLC is the sole provider of the technology solutions that improve security, as well as provide tools and services to maintain the system. The solution assists with the execution of a unified strategy for delivering and maintaining innovative, reliable, and cost-effective security, compliance, azure, and digital workplace services within the Microsoft services platform. The solution also addresses Austin Energy use cases within the Microsoft 365 platform in addition to assisting with on-going patching and infrastructure monitoring.

Contract Detail:

<u>Contract Term</u>	<u>Length of Term</u>	<u>Contract Authorization</u>
Initial Term	1 yr.	\$ 2,400,000
Optional Extension 1	1 yr.	\$ 2,400,000
Optional Extension 2	1 yr.	\$ 2,400,000
Optional Extension 3	1 yr.	\$ 2,400,000
Optional Extension 4	1 yr.	\$ 2,400,000
TOTAL	5 yrs.	\$12,000,000

Note: Contract Authorization amounts are based on the City's estimated annual usage.

Strategic Outcome(s):

Government That Works for All.

Austin Energy

Summary: Microsoft 365 & Azure Managed Services – Catapult Systems, LLC

Mercedes Sanchez
Chief Information Officer



EUC: May 13, 2021

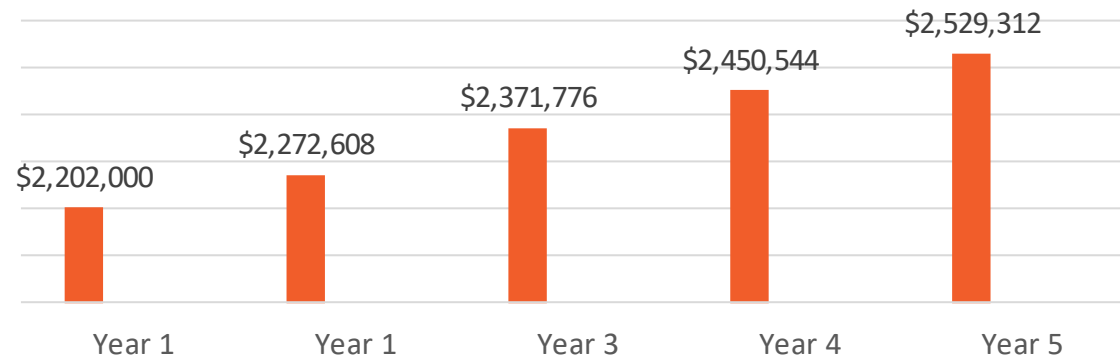
© 2018 Austin Energy

RCA Summary

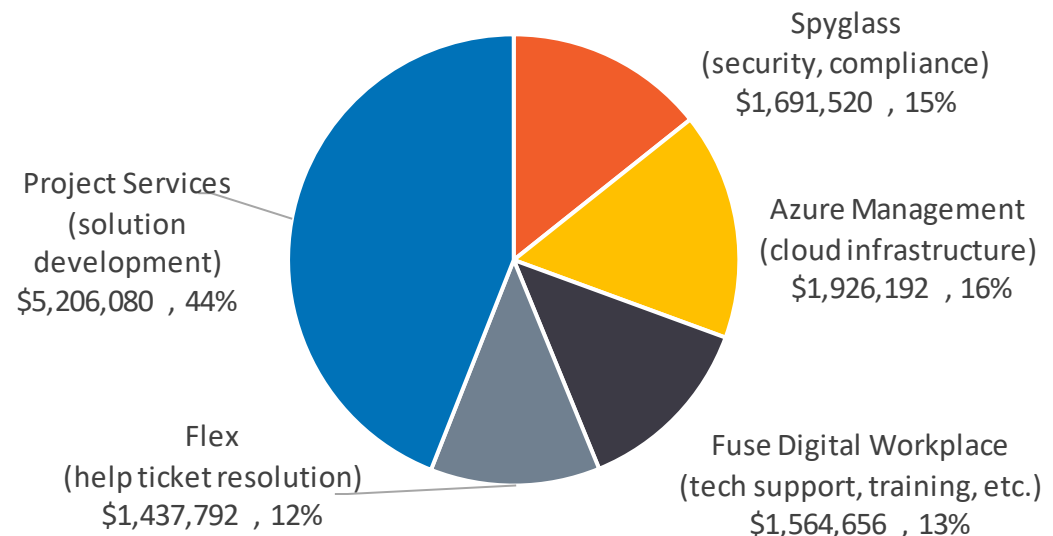
Microsoft 365 & Azure Managed Services

- 60-month term for Spyglass Security and Compliance Services, Azure Management Services (AMS), Fuse Digital Workplace Continuous Improvement, Flex On-Demand Technical Services, and Project Based Services through direct **Master Agreement with Catapult Systems, LLC**, including maintenance and support
- \$11,826,240 is estimated total contract amount for 60 months
- Services will enable Austin Energy to maximize the value of its Microsoft technology, **improve security**, and achieve FedRAMP **compliance**
- Catapult Systems will provide **support services related to Microsoft on-premise software and cloud services**

Catapult - Microsoft Services – 5 Year Forecast
\$11,826,240



Service Distribution



Posting Language

Authorize negotiation and execution of a contract with DLT Solutions, LLC, to provide computer-aided drafting software and data management tools including maintenance and support, for a term of five years in an amount not to exceed \$1,700,000.

(Note: This contract is exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of \$302,600 is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

Austin Energy is designating this purchase as a Critical Business Need in accordance with Senate Bill 7, as adopted by the City as Resolution No. 040610-02.

Prior Council Action:

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov or to Michelle Rocha, at 512-974-2261 or Michelle.Rocha@austintexas.gov.

Council Committee, Boards and Commission Action:

May 10, 2021 - To be reviewed by the Electric Utility Commission.

Additional Backup Information:

The contract is to provide AutoDesk AutoCAD, and Vault Pro Utilities products, services, and maintenance and support. AutoCAD is used by Austin Energy engineers to design power grids and other infrastructure designs vital to power production. Vault Pro is a data management tool critical to secure, store, and share computer-aided drafting design data amongst the Austin Energy engineering teams. Vault Pro also allows Austin Energy to protect data in a highly secure environment, optimize productivity and efficiency, and track design revision history over time.

The contract will also provide subscriptions to IMAGINiT's third-party support platform ProductivityNOW that provides access to unlimited technical support, a comprehensive eLearning platform, and enhances the functionality of AutoDesk AutoCAD.

This consolidated contract will streamline efforts and resources managing Autodesk procurements and will expand the additional third-party support to all Autodesk users.

Strategic Outcome(s):

Government That Works for All.

Posting Language

Authorize award of a multi-term contract with Priester-Mell & Nicholson, for air insulated switchgear, for up to five years for a total contract amount not to exceed \$3,500,000.

(Note: This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program. For the goods required for this solicitation, there were no subcontracting opportunities; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of \$233,333 is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

The Purchasing Office issued an Invitation for Bids (IFB) 1100 TVN1037 for these goods. The solicitation issued on February 8, 2021 and it closed on March 9, 2021. Of the four offers received, the recommended contractor submitted the lowest responsive offer. A complete solicitation package, including a tabulation of the bids received, is available for viewing on the City's Financial Services website, Austin Finance Online.

Link: [Solicitation Documents](#).

Prior Council Action:

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov

NOTE: Respondents to this solicitation, and their representatives, shall continue to direct inquiries to the solicitation's Authorized Contact Person: Terry V. Nicholson, at 512-322-6586 or

Terry.Nicholson@austintexas.gov.

Council Committee, Boards and Commission Action:

May 10, 2021 - To be reviewed by the Electric Utility Commission.

Additional Backup Information:

The contract will provide air insulated switchgear for Austin Energy to be used for underground electrical distribution systems. A switchgear is a collection of fuses and switches used for high voltage switching and circuit protection. This equipment will be used as required for existing and future improvements on underground projects such as campus-type industrial needs and commercial applications where multiple pieces of equipment and multiple customers must be protected.

Contract Detail:

<u>Contract Term</u>	<u>Length of Term</u>	<u>Contract Authorization</u>
Initial Term	2 yrs.	\$1,400,000
Optional Extension 1	1 yr.	\$ 700,000
Optional Extension 2	1 yr.	\$ 700,000
Optional Extension 3	1 yr.	\$ 700,000
TOTAL	5 yrs.	\$3,500,000

Note: Contract Authorization amounts are based on the City's estimated annual usage.

Strategic Outcome(s):

Government That Works for All.

Posting Language

Approve an ordinance amending the Fiscal Year 2020-2021 Austin Energy Operating Budget (Ordinance No. 20200812-001) to decrease the Austin Energy Operating Fund Ending Balance by \$1,165,887 and increase the Conservation Rebates expenses by \$1,165,887 to provide additional funding for the Austin Energy Weatherization Assistance Program.

Lead Department

Austin Energy

Fiscal Note

Fiscal note attached.

Prior Council Action:

August 12, 2020 – Council approved the Fiscal Year 2020-2021 Operating Budget.

For More Information:

Jeff Vice, Director, Local Government Relations (512) 322-6087; Sarah Chatterjee, Director, Energy Efficiency Services (512) 322-6138. Elaine Veselka, Interim Vice President, Customer Energy Solutions (512) 322-6667.

Council Committee, Boards and Commission Action:

May 13, 2021- To be reviewed by the Electric Utility Commission.

Additional Backup Information:

Austin Energy is seeking approval of a budget amendment to provide additional appropriations and related funding for the Weatherization Assistance Program expenses that remained unspent during Fiscal Year 2019-2020. This roll-over of funds was a recommendation of a stakeholder group, the Low-Income Consumer Advisory Task Force. The Task Force initially recommended that the unspent funds be carried forward into the next fiscal year starting in 2015 and City Council has supported this recommendation in 2016, 2017 and 2018. There were no carryover funds in the Fiscal Year 2018-2019. The total unspent amount in Fiscal Year 2019-2020 for the Weatherization Assistance Program is \$1,165,887. This recommendation is to allow for these unspent funds to be carried over to Fiscal Year 2020-2021.

Strategic Outcome(s):

Government That Works for All

Posting Language

Authorize award of a multi-term contract with 360 Network Solutions, LLC d/b/a 360 Network Solutions, to provide electronic lock access control system, for up to five years for a total contract amount not to exceed \$3,833,625.

(Note: This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program. For the goods required for this solicitation, there were no subcontracting opportunities; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Transportation Department; Austin Energy; Building Services Department; Parks and Recreation Department.

Fiscal Note

Funding in the amount of \$255,575 is available in the Fiscal Year 2020-2021 Operating Budget of various City departments. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

The Purchasing Office issued an Invitation for Bids (IFB) 2400 SBR1012 for these goods. The solicitation issued on March 15, 2021 and it closed on April 6, 2021. Of the five offers received, the recommended contractor submitted the lowest responsive offer. A complete solicitation package, including a tabulation of the bids received, is available for viewing on the City's Financial Services website, Austin Finance Online.

Link: [Solicitation Documents](#).

Prior Council Action:

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov

NOTE: Respondents to this solicitation, and their representatives, shall continue to direct inquiries to the solicitation's Authorized Contact Person: Sarah Ramos, at 512-974-2554 or sarah.ramos@austintexas.gov.

Council Committee, Boards and Commission Action:

May 10, 2021 - To be reviewed by the Electric Utility Commission.

Additional Backup Information:

The contract will provide the ability to install an electronic lock system for the City's traffic signal infrastructure and other facilities throughout the Austin area. The electronic lock system will allow the City to provide vendors with electronic keys restricting their access to specific locks, allowing them to access only the locations to which they have been authorized to access. Electronic keys can also be disabled if lost or stolen. Additionally, the electronic lock system maintains a transaction log of all activities, including when each lock

was unlocked and locked and by whom. Overall, the electronic lock system will allow increased security to the City's infrastructure by restricting user access and preventing the unauthorized duplication of keys.

In the years and decades ahead, the City's infrastructure will experience significant change and growth. The electronic lock system would enable the City to better keep up with the change by using modern technology. If the City is unable to secure a contract, the City would rely on physical locks and keys, which are easily duplicated.

Contract Detail:

<u>Contract Term</u>	<u>Length of Term</u>	<u>Contract Authorization</u>
Initial Term	3 yrs.	\$2,486,525
Optional Extension 1	1 yr.	\$ 673,550
Optional Extension 2	1 yr.	\$ 673,550
TOTAL	5 yrs.	\$3,833,625

Note: Contract Authorization amounts are based on the City's estimated annual usage.

Strategic Outcome(s):

Safety; Mobility.

Posting Language

Approve issuance of capacity-based incentives to the Housing Authority of the City of Austin for the installation of solar electric systems on the new multifamily affordable housing community Pathways at Chalmers Courts East, located at 300 Chicon St., for an amount not to exceed \$323,360. (District 3)

Lead Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy.

Prior Council Action:

For More Information:

Jeff Vice, Director, Local Government Issues (512) 322-6087; Tim Harvey, Customer Renewable Solutions Manager (512) 482-5386

Council Committee, Boards and Commission Action:

May 13, 2021- To be reviewed by the Electric Utility Commission.

May 18, 2021- To be reviewed by the Resource Management Commission.

Additional Backup Information:

Austin Energy requests approval to issue a total of \$323,360 in capacity-based incentives to the Housing Authority of the City of Austin (HACA) for the installation of solar electric systems at its multifamily affordable housing community Pathways at Chalmers Courts East, located at 300 Chicon St., 78702.

The proposed 323.36 kW-DC solar installation includes 752 solar modules, each with a rating of 430 watts, and is expected to produce approximately 202,568 kilowatt hours (kWh) per year. This installation will serve all 156 units at the property which is designated for tenants with a median family income (MFI) of 60% or lower. The total estimated installation cost is \$572,922.11 and the incentive will cover approximately 56% of the cost.

The purpose of the installation is to provide affordable, renewable energy to underserved populations and leverage the Value-of-Solar benefit to reduce electric bills for the occupants of the multifamily affordable housing properties. In order to provide these benefits to tenants of the property, this project will be included in Austin Energy's Shared Solar Program, the purpose of which is to enable more cost-effective solar installations on individually-metered, multi-tenant properties for low-to-moderate-income customers. This additional functionality will allow Austin Energy and HACA to distribute the benefit of the solar installation across all tenants on each property, effectively reducing their energy bills.

According to the Austin Energy Resource, Generation and Climate Protection Plan, "Austin Energy must be financially sound, the cost of electric service must be affordable for all classes of customers (with particular attention to the low income and underserved customers), and rates must be

competitive to ensure the retention and attraction of businesses for a strong local economy.” In the service of satisfying the requirement to provide affordable and clean energy to low-income and underserved customers, Austin Energy launched a rebate and incentive program to facilitate the installation of solar for Multi-Family Affordable Housing (MFAH) customers in January of 2018.

This solar project will generate an estimated 447,482 kWh per year and are estimated to prevent the production of the following emissions each year: 317 tons of Carbon Dioxide (CO₂); These emissions reductions are equivalent to planting 5,244 trees or 389 acres of forest in Austin's parks or the removal of 796,992 vehicle miles or 69 cars from Austin roadways.

Austin Energy's solar program helps meet the 2030 goals of 200MW of customer sited solar and 375MW of local solar as set forth in the Austin Energy Resource, Generation, and Climate Protection Plan to 2030. The solar program is designed to reduce the amount of electricity Austin Energy must purchase from the market and reduce associated greenhouse gas emissions.

Strategic Outcome(s):

Government That Works for All.

Posting Language

Authorize negotiation and execution of a professional services agreement with the following staff recommended firm (or other qualified responders) for Request for Qualifications Solicitation No. Solicitation CLMP312: Allegis Group Holdings, Inc., for engineering services for the AE Staff Augmentation, Engineering and Related Engineering Services for Electric System Engineering and Technical Services Rotation List in an amount not to exceed \$25,875,000.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) through the achievements of Good Faith Efforts for 15.80% MBE and 15.80% WBE participation.]

Lead Department

Capital Contracting Office

Managing Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2020 - 2021 Capital Budget of Austin Energy.

Purchasing Language:

Staff recommendation is based on the two most qualified firms out of 16 firms evaluated through the City's qualification-based selection process.

Prior Council Action:

March 4, 2021 – Council approved a professional services agreement with HDR Engineering, Inc. and POWER Engineers, Inc. for the AE Staff Augmentation, Engineering and Related Engineering Services for Electric System Engineering and Technical Services Rotation List.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov.

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Rick Wilson, 512-974-7261, or the Project Manager, Tara Delagarza, 512- 505-7175.

Council Committee, Boards and Commission Action:

May 13, 2021- To be reviewed by the Electric Utility Commission.

Additional Backup Information:

As a standard business practice, the City routinely engages the services of professional engineering firms to perform analysis, design and support services associated with construction or improvement of City capital assets. Rotation List contracting allows the City to always have a group of qualified consultants available to perform a specific type of recurring work in a timely manner to meet the project and operational needs of the City.

Prior to issuing, this solicitation was reviewed by the City's Rotation List Advisory Committee, which is made up of staff from the Capital Contracting Office, Small and Minority Business Resource Department, Public Works Department, and other user departments. The total authorization amount, the number of firms to be

recommended for selection, and the authorization amount per firm were discussed and reviewed by the Committee. The Capital Contracting Office expects that user departments will require these services to meet current and future transmission, substation, and distribution electrical engineering and associated supporting engineering needs.

The selected firm will serve as a professional consultant, providing technical consultation and advice for the Electric System Engineering and Technical Services group of Austin Energy. Services will generally include producing turnkey project and construction drawing packages, as well as providing engineering, technical and drafting personnel to augment Austin Energy staff at Austin Energy work spaces.

Anticipated Services include, but are not limited to, the following:

- Transmission Design
- Substation Design
- Relay Design
- Protection Design
- Planning Analysis
- Distribution Design
- Equipment and Materials Analysis
- Construction Materials Testing, Subsurface Utility Exploration and Geotechnical Engineering Services
- Civil Engineering
- Land Surveying Services
- Right-of-Way (ROW) Appraisal and Acquisition Services

This request allows for the development of a professional services agreement with the recommended firm until financial authorization is expended. Initial project assignments will be based on the firm's final ranking as determined during the Request for Qualifications evaluation (highest to lowest), the maximum cumulative contracted amount in comparison to the estimated task budget for that firm, and the firm's qualifications and availability of expertise at time of project need. Per firm authorizations may be increased or decreased, through the life of the contract, based on the needs of a particular assignment and will follow the established rotation list policies and procedures. If the City is unsuccessful in negotiating a satisfactory agreement with a recommended firm(s), if a selected firm ceases practice during the contract period, or if the City elects to terminate its agreement with one of the selected firms, the remaining assignments will be assigned to the remaining firm(s) for the duration of the contract period.

This item was previously presented to Council on March 4, 2021. Council approved the negotiation and execution of a professional services agreement with HDR Engineering, Inc. and POWER Engineers, Inc. Negotiations failed with POWER Engineers, Inc. In accordance with Government Code 2254, the City formally ended negotiations with POWER Engineers, Inc. and upon Council approval the City will attempt to negotiate an agreement with the next most qualified firm, Allegis Group Holdings, Inc.

Strategic Outcome(s):

Safety, Government That Works for All

Austin Energy Quarterly Financial Report

2nd Quarter FY 2021 (January - March)

Mark Dombroski
Chief Financial Officer



May 13, 2021

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Disclaimer

Certain information set forth in this presentation contains forecasted financial information. Forecasts necessarily involve known and unknown risks and uncertainties, which may cause actual performance and financial results in future periods to differ materially from any projections of future performance.

Although the forecasted financial information contained in this presentation is based upon what Austin Energy management believes are reasonable assumptions, there can be no assurance that forecasted financial information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forecasts.

In addition, this presentation contains unaudited information and should be read in conjunction with the audited Comprehensive Annual Financial Reports for the City of Austin, which was published on March 18, 2021:

[https://assets.austintexas.gov/financeonline/downloads/comprehensive annual financial report/comprehensive annual financial report 2020.pdf](https://assets.austintexas.gov/financeonline/downloads/comprehensive_annual_financial_report/comprehensive_annual_financial_report_2020.pdf)



Agenda

QUARTERLY Financial Report



Executive Summary



Financial Policy Compliance



Financial Performance Measures



Actual to Budget Analysis



Financial Statements



Market and Industry Analyses

Austin Energy Quarterly Financial Report

Executive Summary



Executive Summary



Substantially compliant with all financial policies. Contingency and Capital Reserve balances below minimums but total cash above minimum of \$457m.



Generally meeting financial metrics supporting AA credit rating (reaffirmed October 2020). Received credit upgrade from *Fitch Ratings* in May 2019.



\$ 501

Million
Revenues

Operating revenues at March are 22% under budget due to decreased Power Supply Revenue due to the February winter storm.



\$372

Million
Expenses

Operating expenses are 28% under budget due to lower Power Supply costs due to the February winter storm.



Balance sheet is liquid and adequately capitalized. Cash increased \$42m primarily due to ERCOT settlement revenue related to the February winter storm.



The COVID pandemic has compounded the trends of an increasing number of customers with lower consumption per customer resulting in a deficiency of revenues.

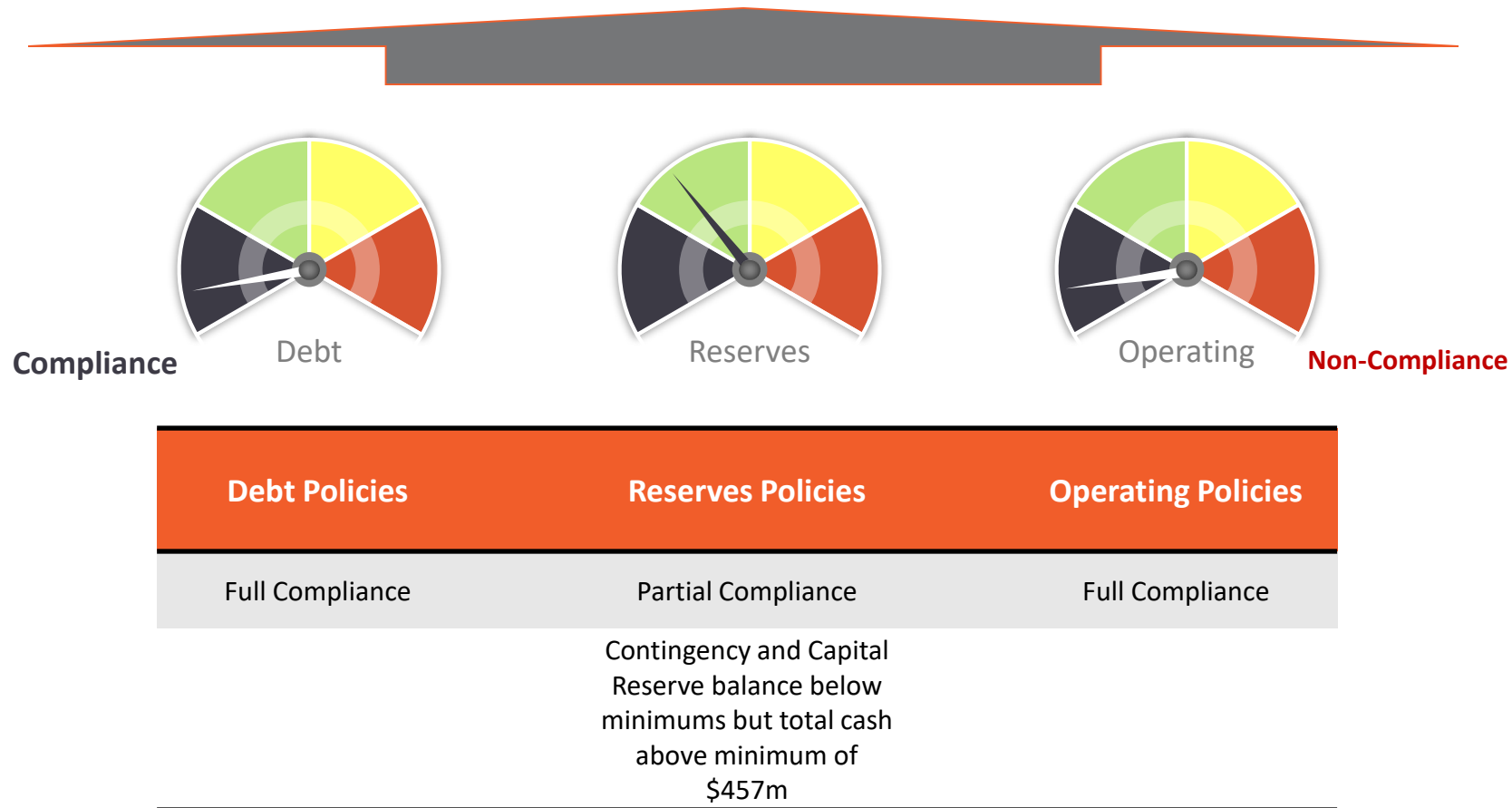


Austin Energy Quarterly Financial Report

Financial Policy Compliance



Financial policies are memorialized and adopted by ordinance each year during the budgeting process



This information is unaudited and should be read in conjunction with the audited Comprehensive Financial Reports for the City of Austin, when published on www.austintexas.gov/financeonline/finance/main.cfm

Austin Energy Quarterly Financial Report

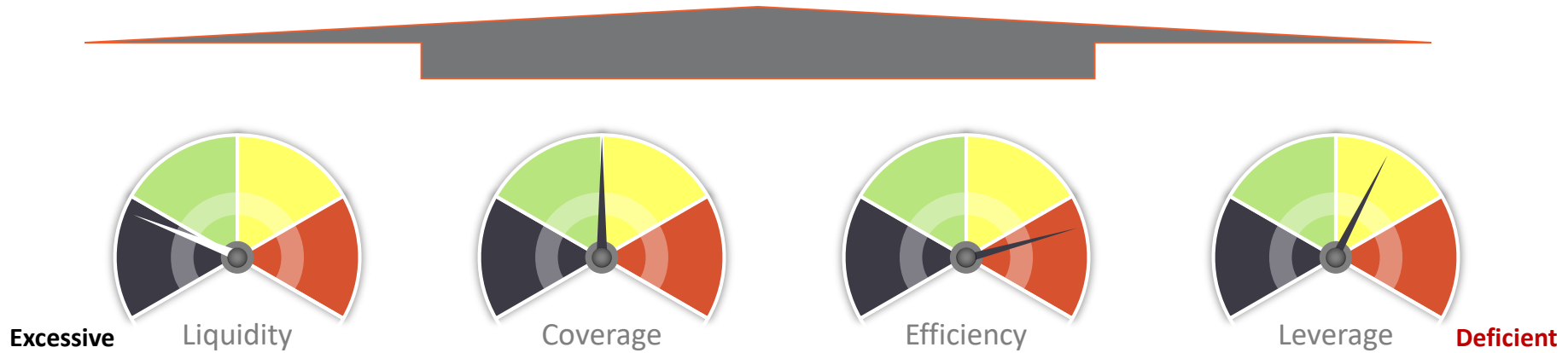
Financial Performance Measures



AA

Standard & Poor's Global Ratings

Achieved November 2018



Days Cash on Hand	Debt Service Coverage Ratio	Operating Margins	Debt to Capitalization
Minimum > 150 Days	Minimum > 2.0	Minimum > 10%	Minimum < 50%
Actual 271 Days	Actual 2.0	Actual -4%	Actual 54%
Excludes General Fund Transfer			



Austin Energy's Affordability Goal has Two Metrics



Affordability Metric	Competitiveness Metric
Full Compliance Since 2013	Full Compliance Since 2019
Maintain system average rates at or below 2% annual compound growth rate that began October 2012.	Maintain an average annual system rate in the lower 50% of all Texas utilities serving residential, commercial and industrial customers as measured by published data from the Energy Information Administration (EIA) Form 861.



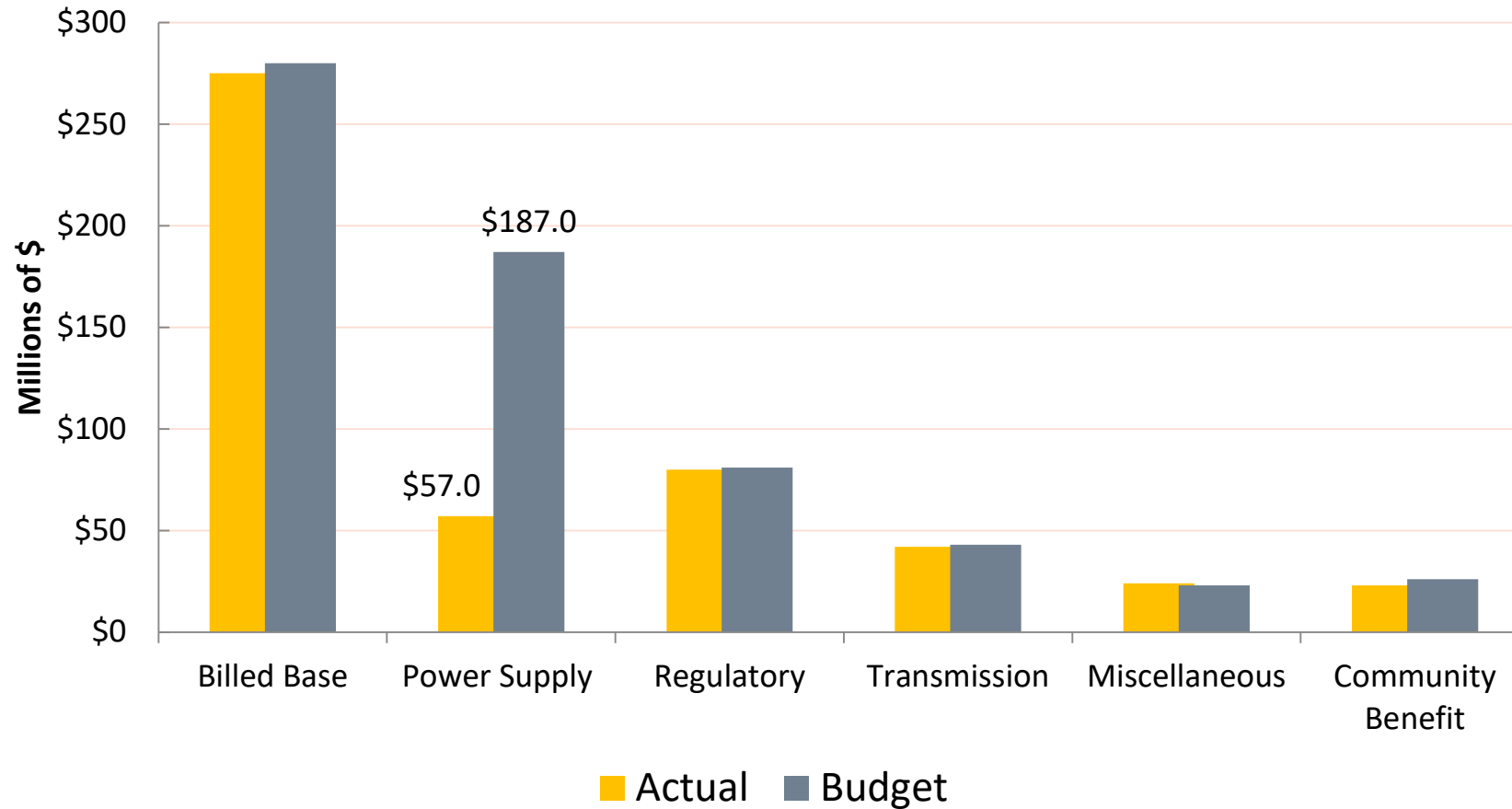
Austin Energy Quarterly Financial Report

Actual to Budget Analysis



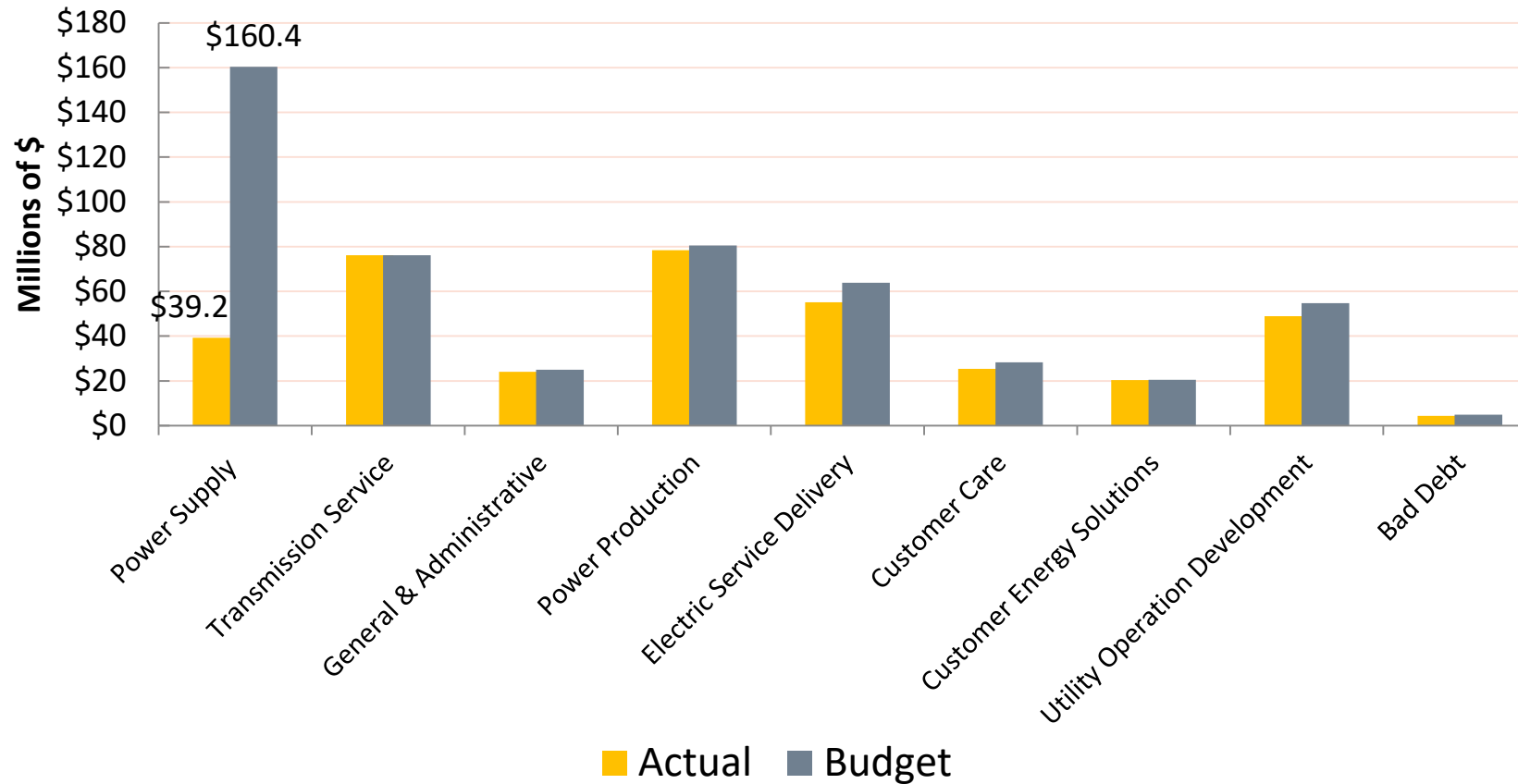
Actual to Budget Analysis

Budget Based Operating Revenues Fiscal Year Through March 31, 2021



Actual to Budget Analysis

Budget Based Operating Expenses Fiscal Year Through March 31, 2021



Actual to Budget Analysis

Budget Based Fund Summary

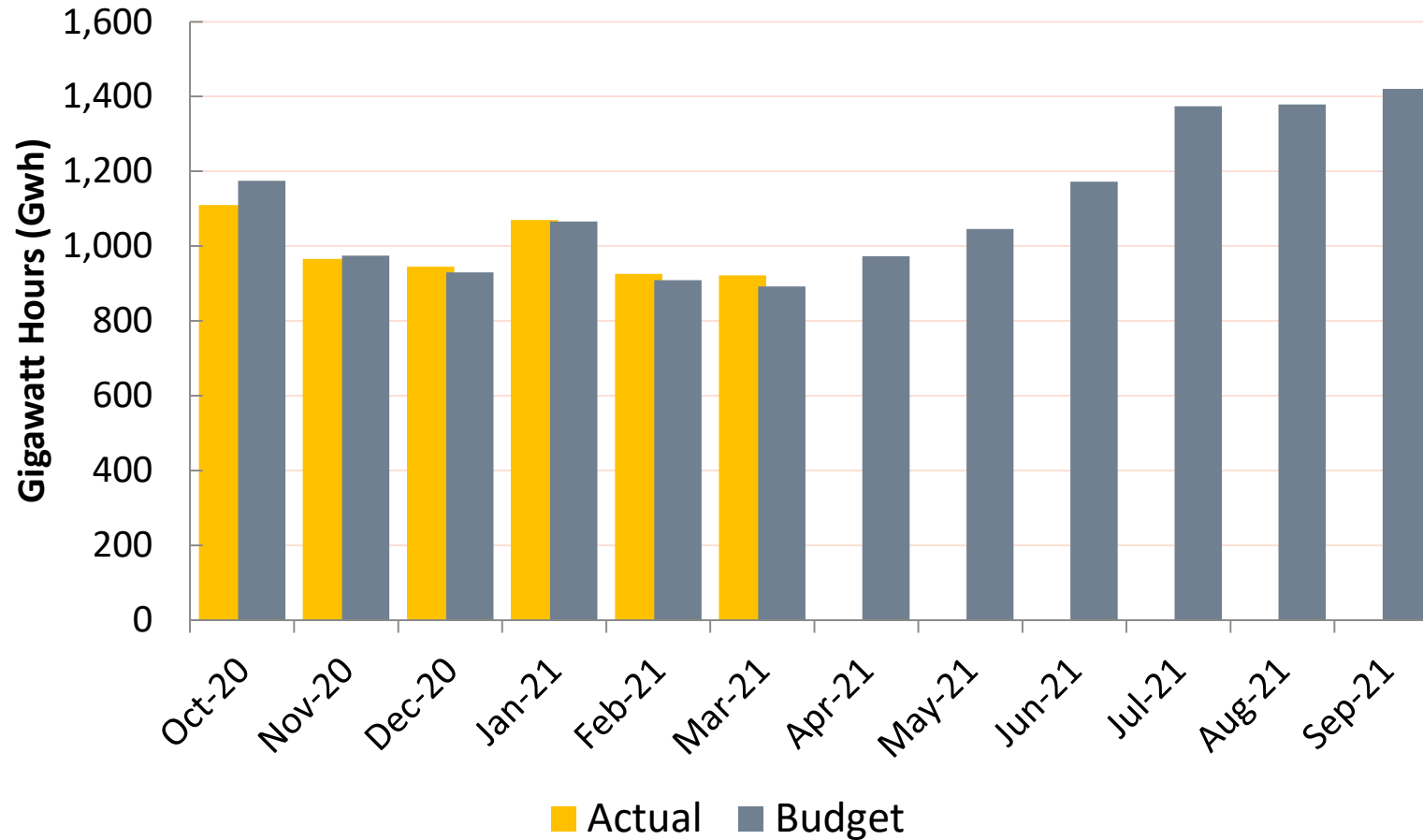
Fiscal Year Through March 31, 2021

			Variance to Budget		Variance to Prior Year		
			Favorable (Unfavorable)		Favorable (Unfavorable)		
Millions of \$	Actual	Budget	Amount	%	Prior Year Actual	Amount	%
Operating Revenues	\$501	\$639	(\$138)	(22%)	\$629	(\$128)	(20%)
Operating Expenses	372	514	142	28%	514	142	28%
Operating Income (Loss)	\$129	\$125	\$4	3%	\$115	14	12%
Interest Revenue	2	5	(3)	(66%)	7	(5)	(79%)
Debt Service	(65)	(64)	(1)	(2%)	(60)	(5)	(8%)
Income (Loss) Before Transfers	\$66	\$66	\$0	0%	\$62	\$4	5%
Administrative Support	(16)	(16)	0	0%	(15)	(1)	(6%)
General Fund	(57)	(57)	0	0%	(55)	(2)	(3%)
Economic Development	(4)	(4)	0	0%	(4)	0	0%
CTM Fund	(8)	(8)	0	0%	(6)	(2)	(20%)
Voluntary Utility Assistance Fund	0	0	0	0%	0	0	(0%)
Other City Transfers	(2)	(3)	1	0%	(1)	(1)	(80%)
Internal Transfers / CIP	(30)	(30)	0	0%	(44)	13	30%
Excess (Deficiency) of Revenues	(\$51)	(\$52)	\$1	0%	(\$63)	\$12	20%



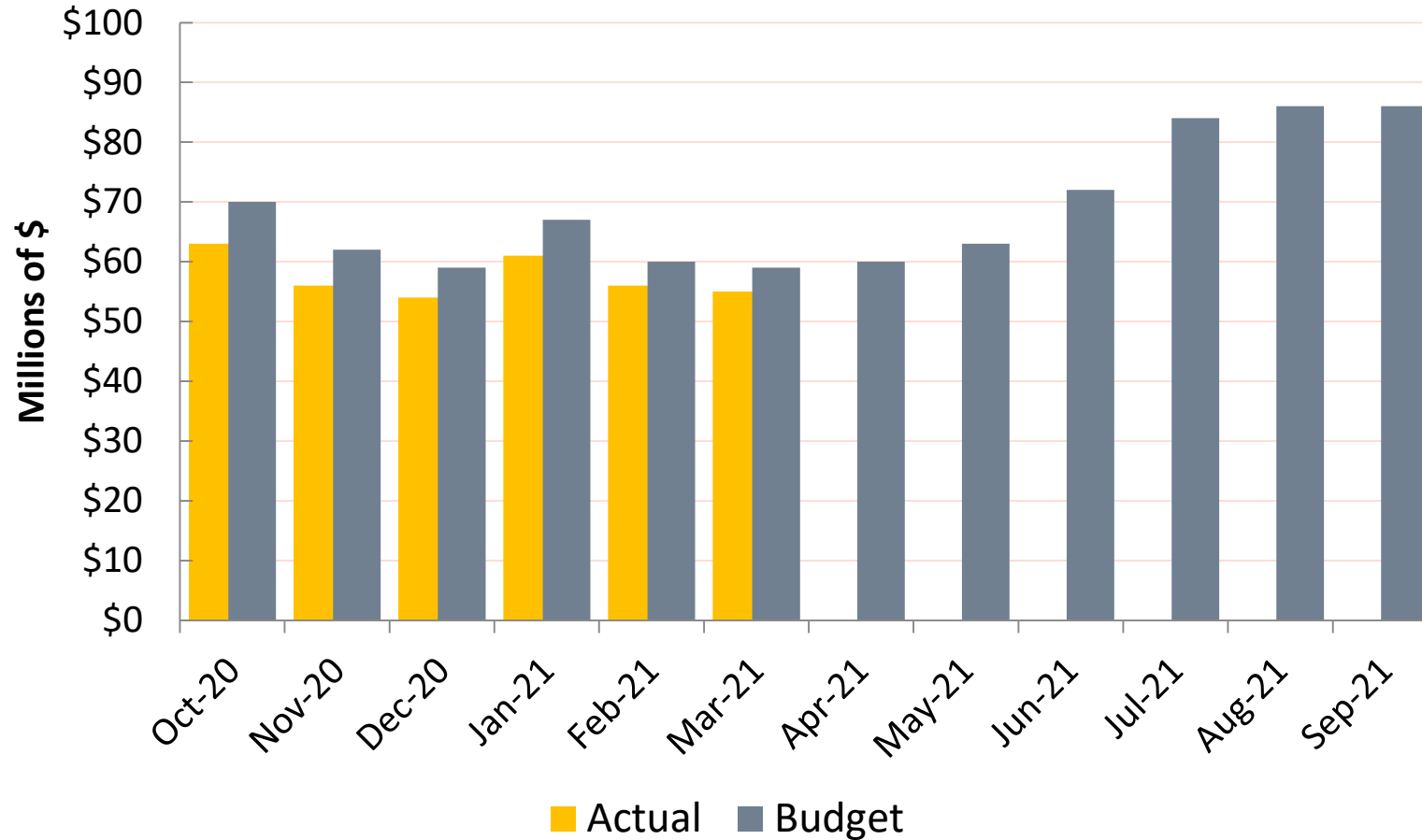
Actual to Budget Analysis

Actual to Budget Retail Energy Sales

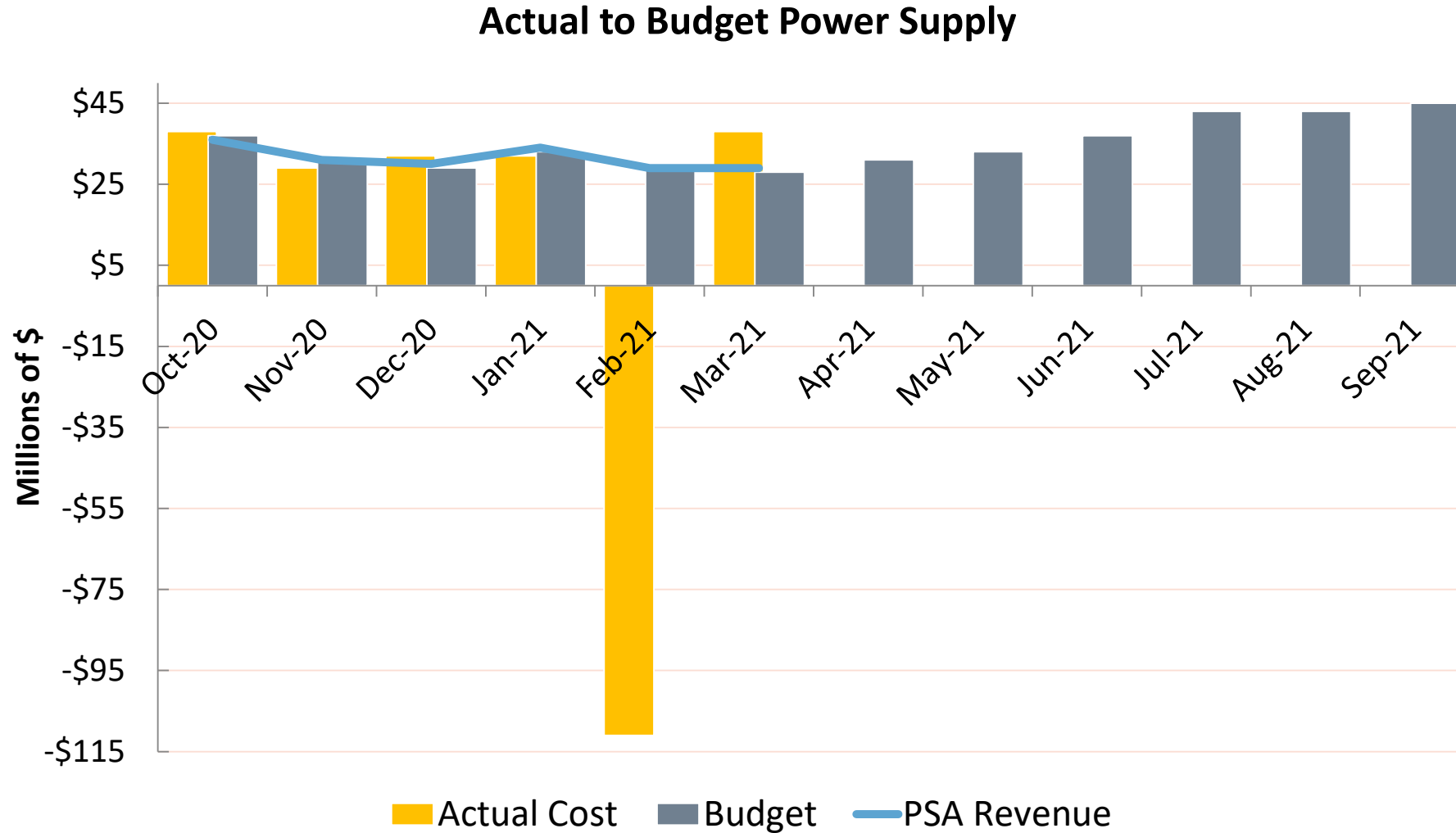


Actual to Budget Analysis

Actual to Budget Non-Power Supply Revenues



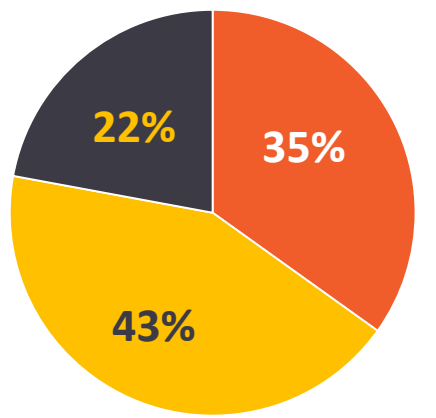
Actual to Budget Analysis



Capital Improvement Plan Summary

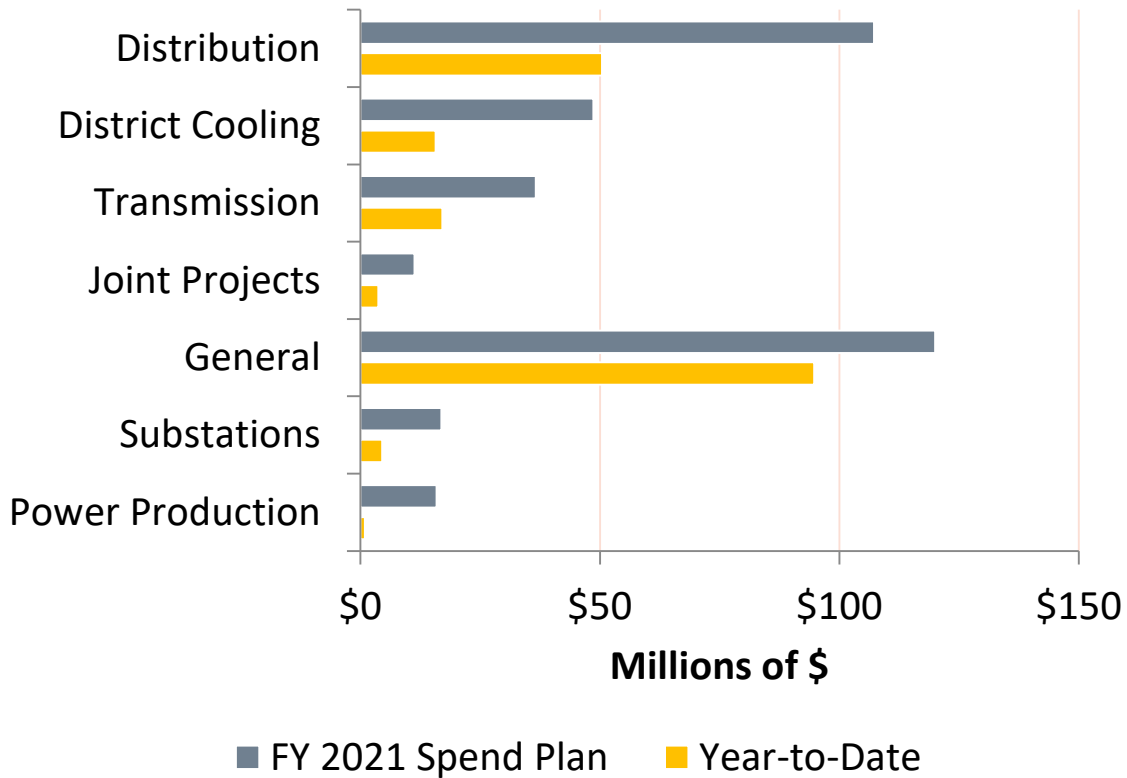
Fiscal Year Through March 31, 2021

Type of Financing



- Cash
- Debt
- Contributions in Aid of Construction

Type of Project



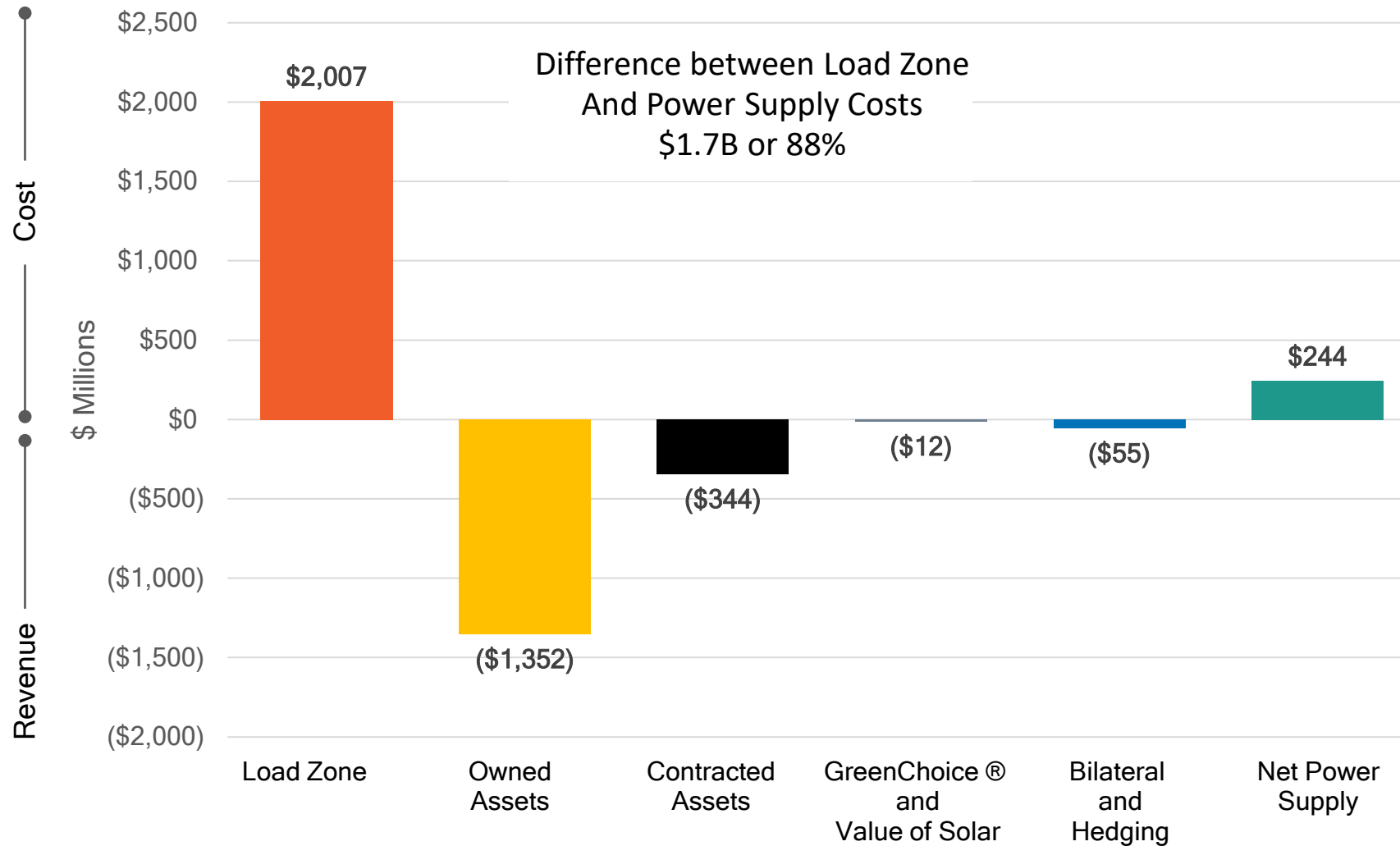
■ FY 2021 Spend Plan ■ Year-to-Date



This information is unaudited and should be read in conjunction with the audited Comprehensive Financial Reports for the City of Austin, when published on www.austintexas.gov/financeonline/finance/main.cfm

Power Supply Adjustment Cost Components

Twelve Months Ending March 2021



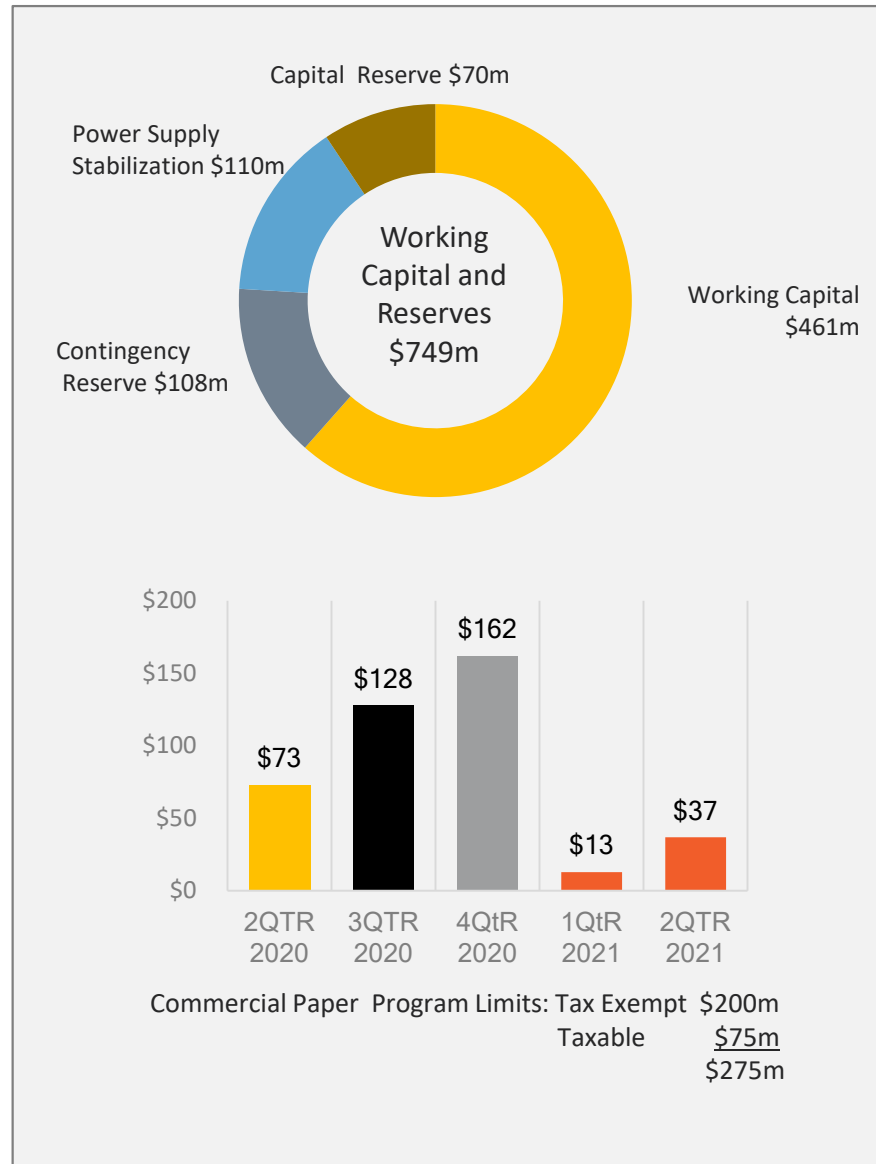
Austin Energy Quarterly Financial Report

Financial Statements



Balance Sheet Snapshot

\$ in Millions		
Assets	Mar 2020	Mar 2021
Cash	\$419	\$461
Current Assets	309	376
Capital Assets	2,973	3,013
Long-Term Assets	1,846	2,108
Total Assets	\$5,547	\$5,958
Liabilities and Fund Equity		
Current Liabilities	\$249	\$269
Long-term Liabilities	2,968	3,238
Deferred Inflow of Resources	457	624
Retained Earnings	1,873	1,827
Total Liabilities & Fund Equity	\$5,547	\$5,958



GAAP Financial Summary

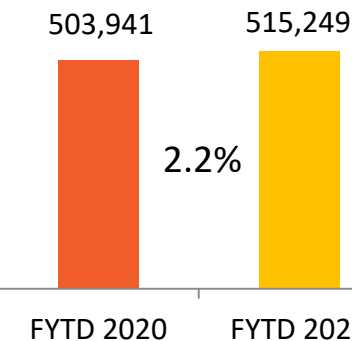
Comparative Statement of Net Position

\$ in Millions	3/31/2020	3/31/2021	Change
Cash	\$419	\$461	\$42
Accounts Receivable (net)	121	170	49
Power Supply Under-Recovery	7	0	(7)
Non-PSA Under-Recoveries	1	11	10
Debt Service	34	36	2
Contingency Reserve	107	108	1
Power Supply Stabilization Reserve	109	110	1
Capital Reserve	70	70	-
Nuclear Decommissioning Reserve	14	19	5
Other Restricted Assets	365	370	5
Other Assets	1,327	1,590	264
Capital Assets	2,973	3,013	40
Total Assets	5,547	5,958	411
Other Current Liabilities	142	157	15
Power Supply Over-Recovery	0	139	139
Non-PSA Over-Recoveries	43	19	(24)
Revenue Bonds	1,941	2,104	163
Commercial Paper	73	37	(36)
Other Long-Term Liabilities	1,475	1,675	200
Retained Earnings	1,873	1,827	(46)
Total Liabilities and Fund Equity	5,547	5,958	411

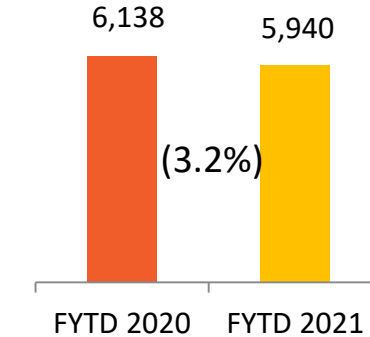
Income Statement

\$ in Millions	12 Months Ending	
	3/31/2020	3/31/2021
Operating Revenues	\$968	\$947
Power Supply Revenues	478	296
Power Supply Expenses	434	244
Non-Power Supply Expenses	711	765
Depreciation Expense	260	284
Operating Income/(Loss)	\$41	(\$50)
Other Revenue (Expense)	\$59	\$117
General Fund Transfer	(111)	(113)
Net Income/(Loss)	(\$11)	(\$46)
Debt Service Coverage	2.7	2.0
Debt Capital Ratio	52%	54%

Average Number of Customers



Total Sales in Gigawatt Hours



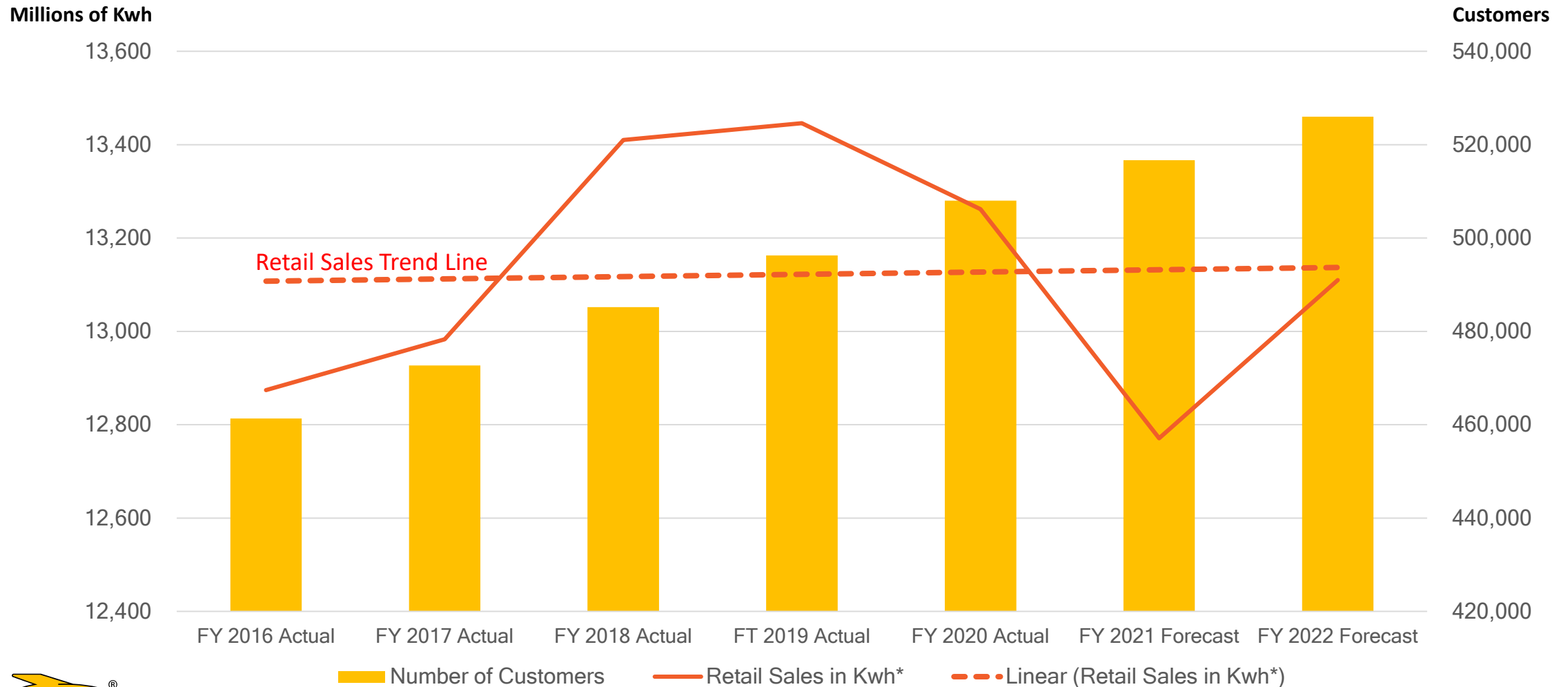
Austin Energy Quarterly Financial Report

Market and Industry Analysis



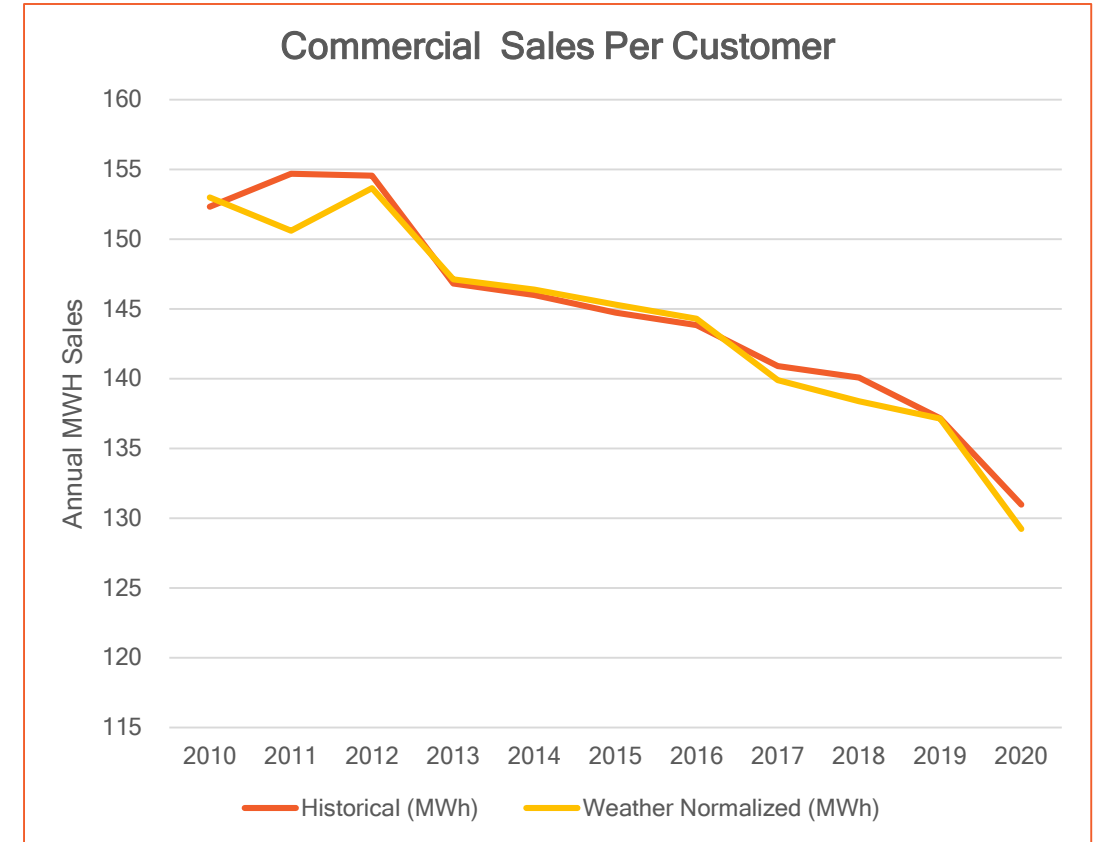
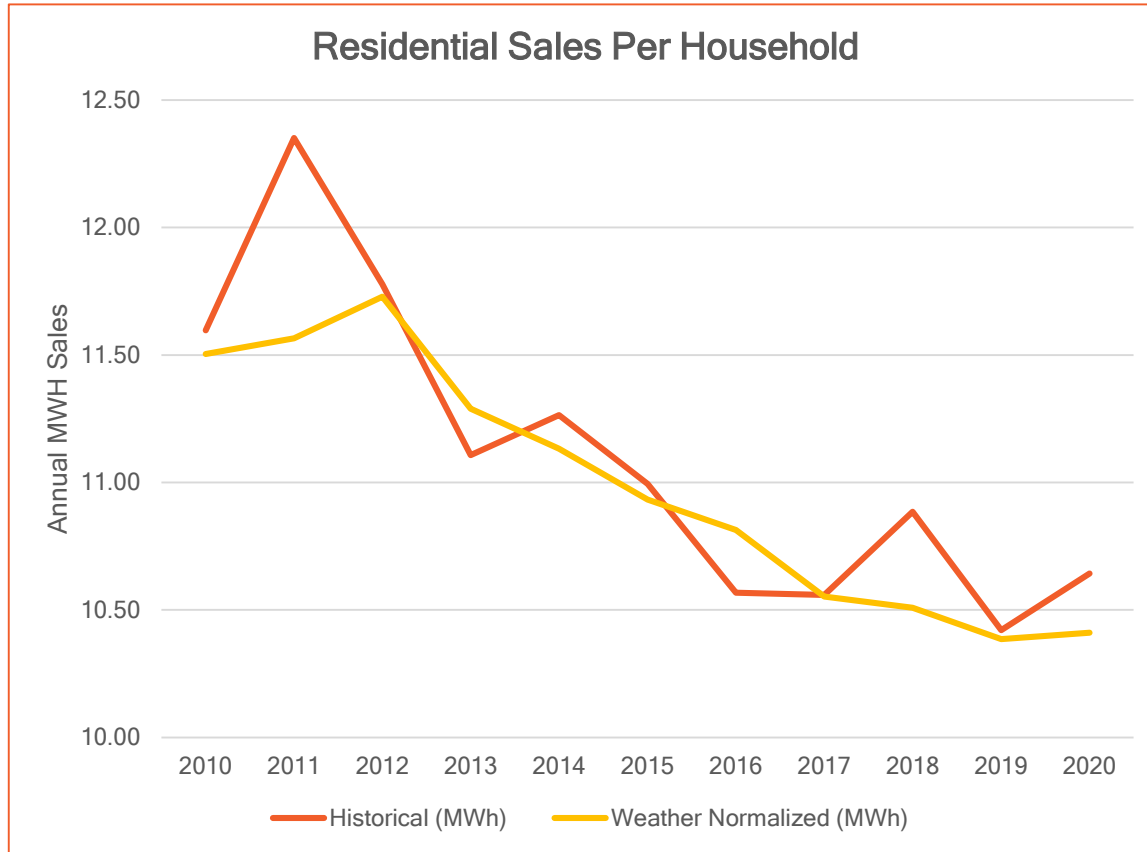
Trends in Customers and Retail Sales

Growth in customer count does not translate to growth in sales



* Retail sales in Kwh not adjusted for weather

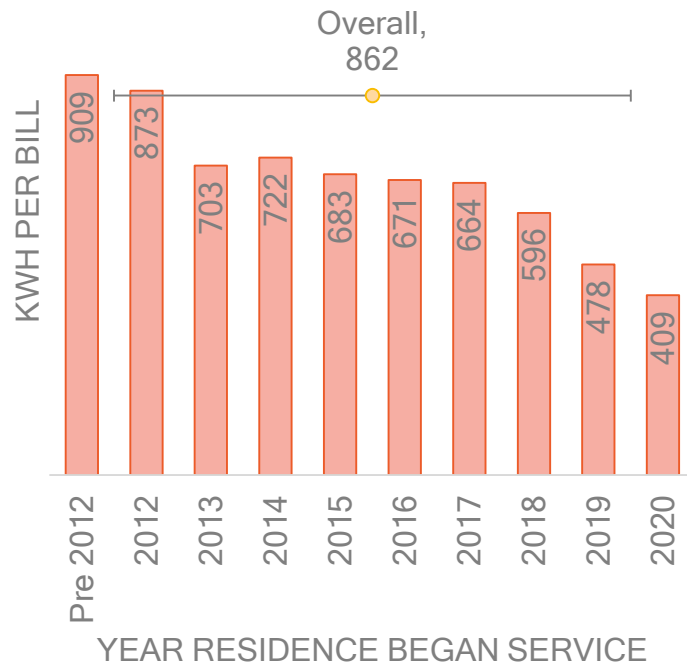
Declining Consumption per Customer



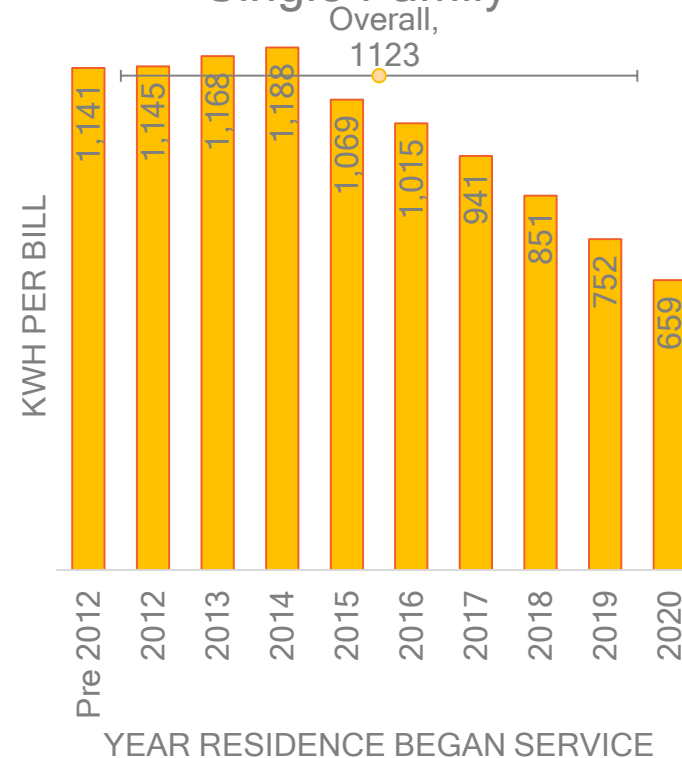
FY 2020 Average Residential kWh per Bill

Residences have become increasingly more energy efficient

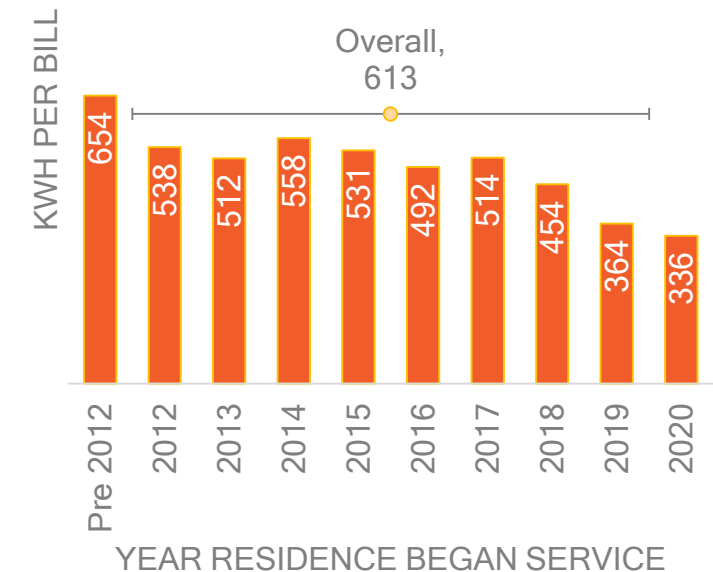
All Residences



Single Family



Multi-Family



Tiered Rates: Customer Bill Stability and Revenue Impacts

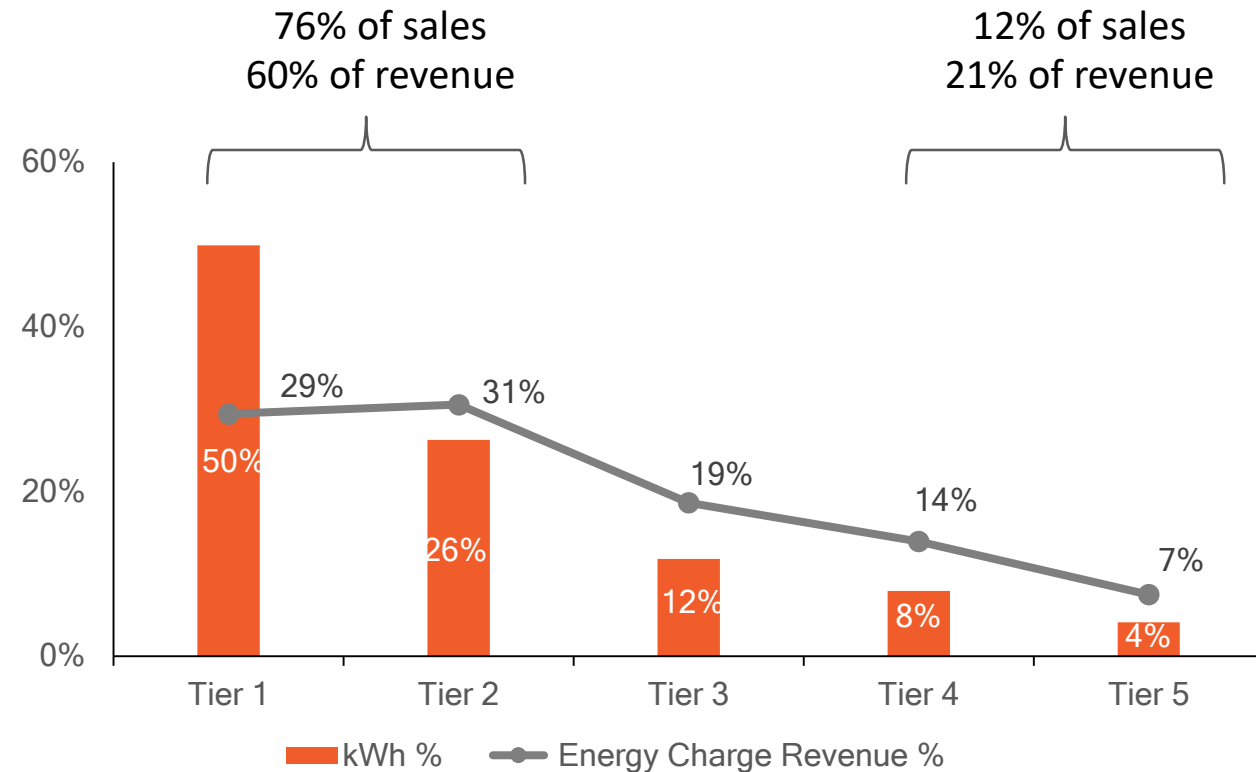
Growth in new residential customers is aggregated in lower tiers

Inclined Block Rates

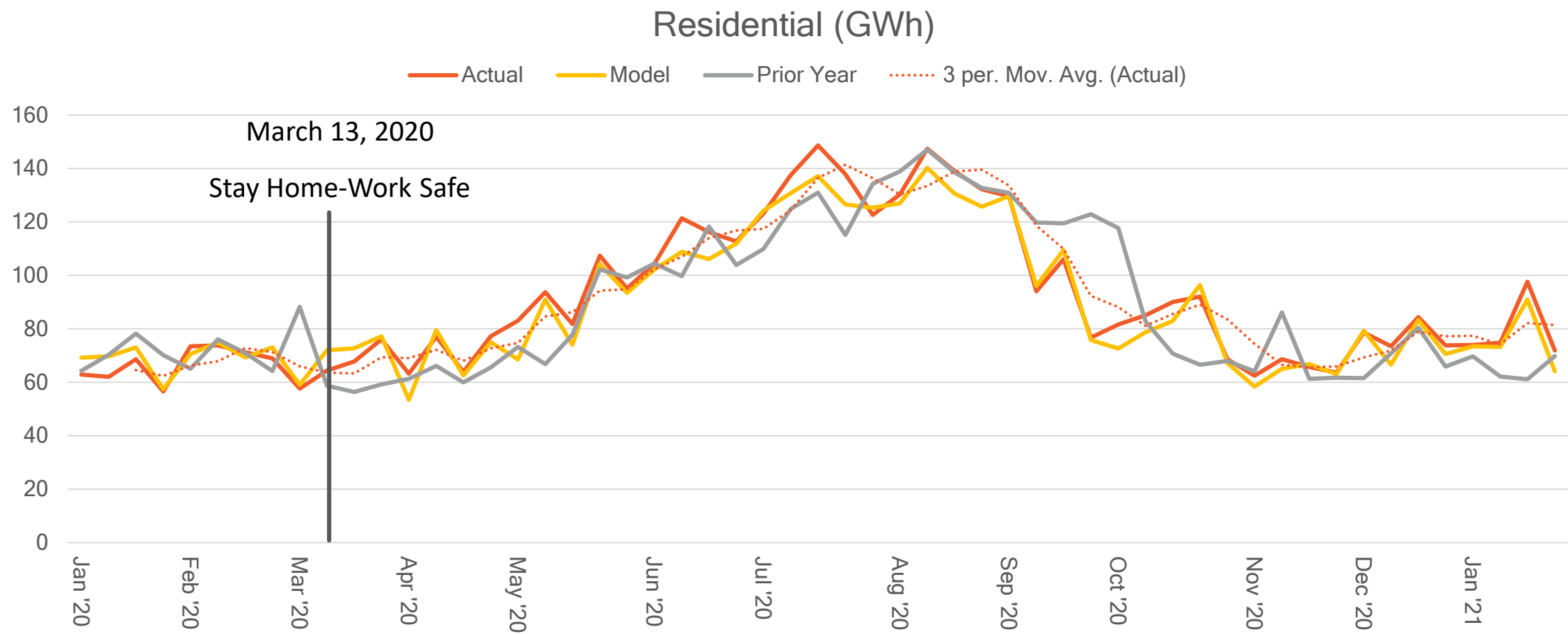
Austin Energy adopted a 5-tiered residential block structure in 2013 and set the rates for tiers 1 and 2 below cost of service while tiers 4 and 5 are significantly above cost. Consumption in tiers 4 and 5 have decreased 14% since 2012.

Declining average consumption aggregates energy sales into the lower tiers jeopardizing Austin Energy's ability to recover costs and customers' bill stability especially during weather events.

FY2022 Residential Tier Distribution

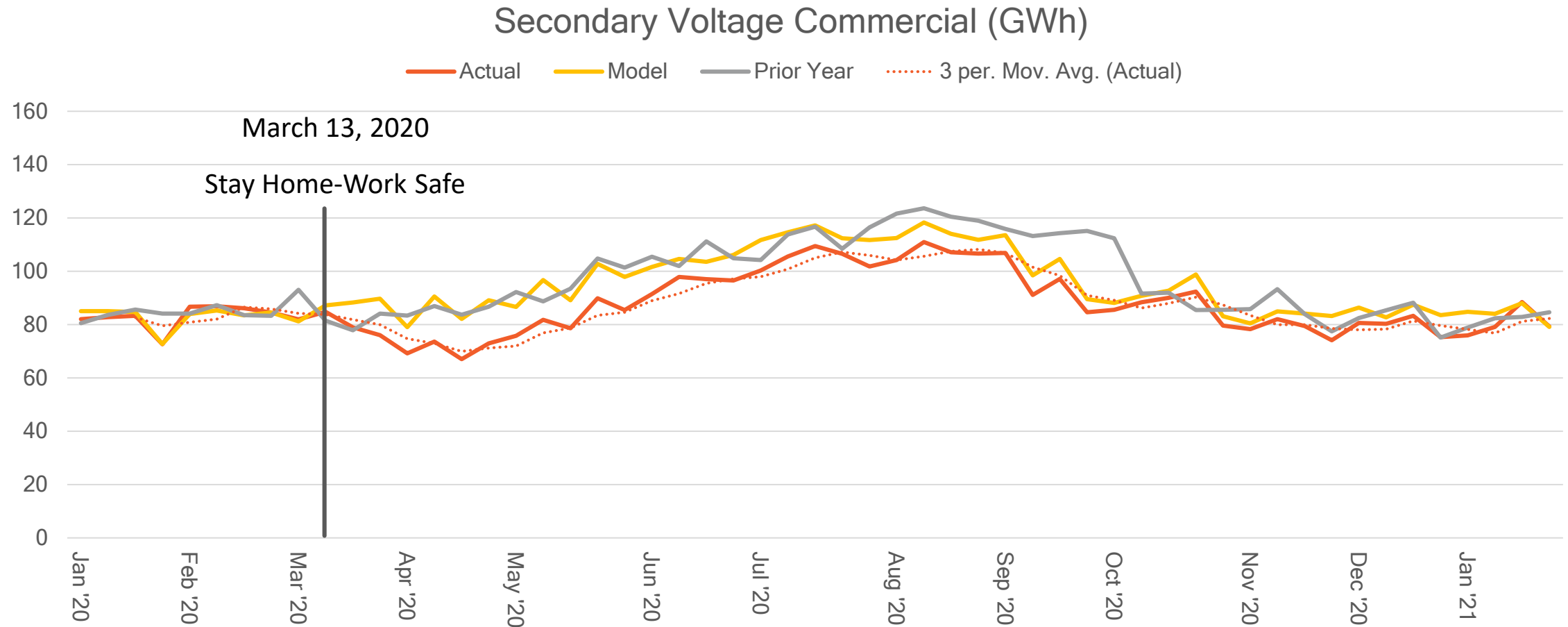


COVID Impact: Residential Weekly Consumption Patterns



COVID Impact: Commercial Weekly Consumption Patterns

Excludes Primary Customers

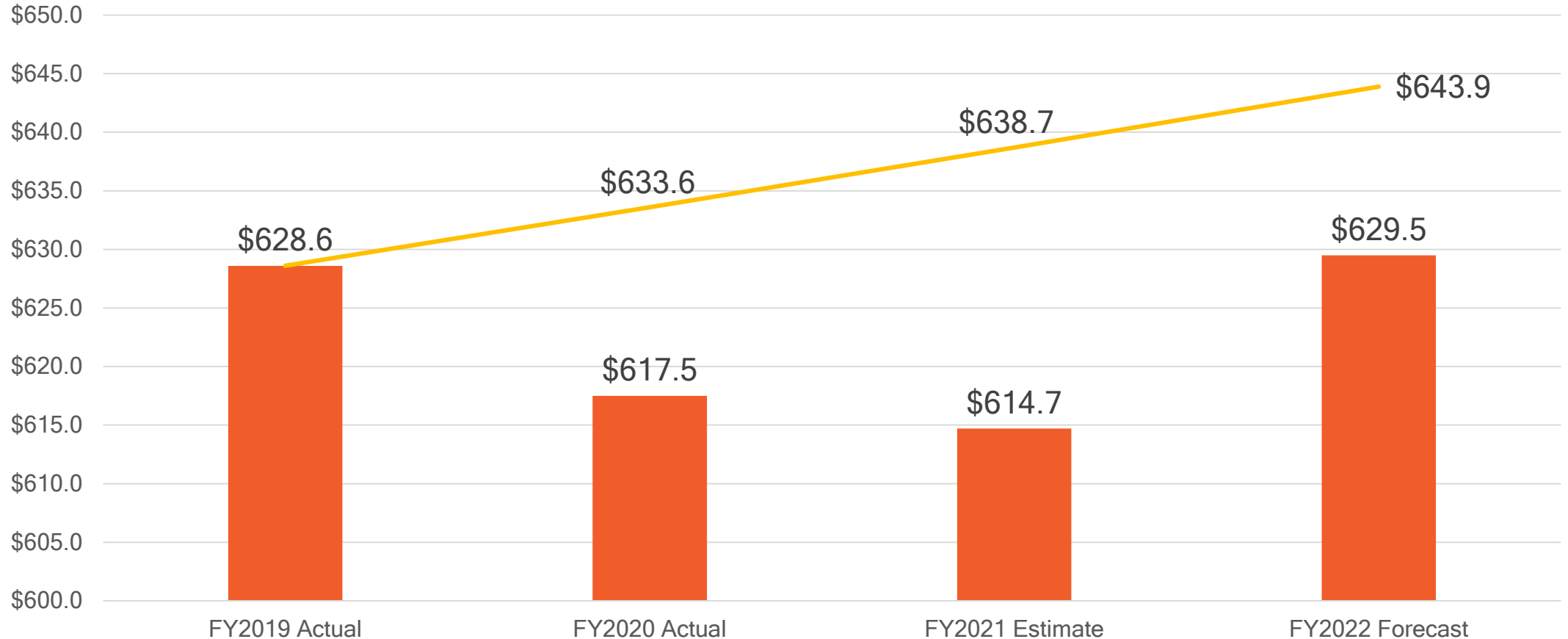


COVID Impact on Base Revenues

Forecasted 2022 base revenue is \$14M less than Pre-COVID estimates

Over \$40M reduction in estimated base revenue from FY2020 thru 2021

Millions of \$



Base Revenues Base Revenues (No COVID Impact)

Trends in Revenues and Requirements

COVID has compounded the effects of flat consumption





**Customer Driven.
Community Focused.**



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Austin Energy Operational Update Q2 FY21

Electric Utility Commission – May 2021

Sidney Jackson

Chief Operating Officer, Austin Energy



May 13, 2021

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Austin Energy Operational Update

Discussion Topics



Performance



Carbon Footprint

On-Site Energy
Resources

Future State



Austin Energy Operational Update

Performance



Commercial Availability & Start Success

Commercial Availability

Generation Resource	Target Seasonal Commercial % Availability	Commercial Availability Actuals (%)	
		Q1 FY21 AVG	Q2 FY21 AVG
Decker Steam Units	95	39	91
Sand Hill Combined Cycle	95	69	98
Fayette Units	97	97	100
South Texas Project	100	100	91

Commercial Availability values reflect maintenance or refueling outages typical for this period

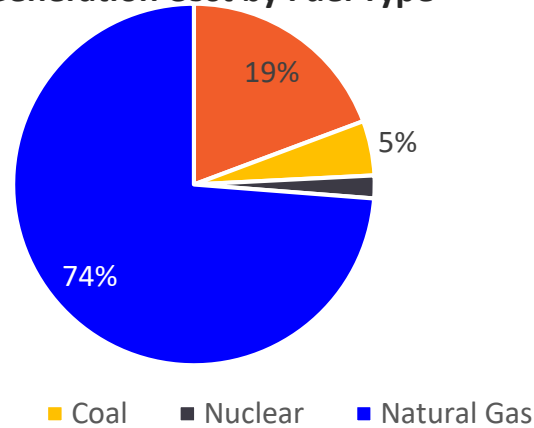
Start Success

	Start Success Target(%)	Start Success Actuals (%)	
		Q1 FY21 AVG	Q2 FY21 AVG
Simple Cycle Start Success	99	100	100



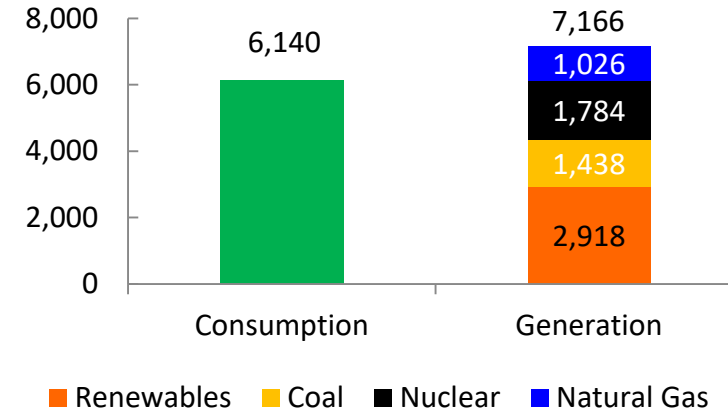
Net Generation and Load Analysis FY 2021 Q2

Power Generation Cost by Fuel Type

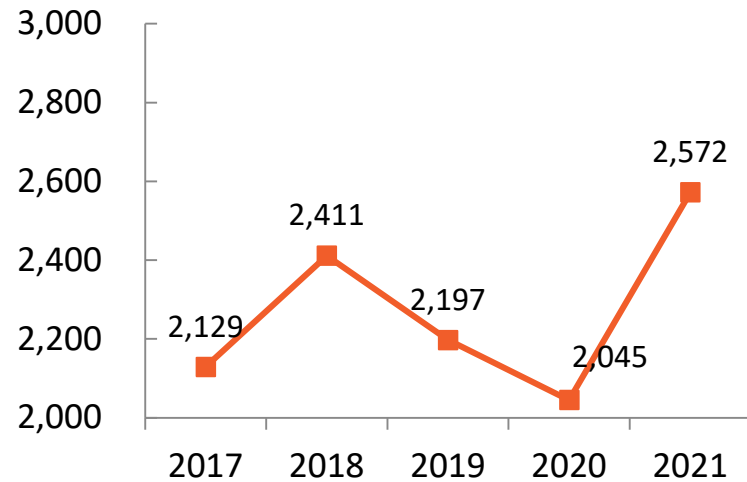


**Costs include fuel for generation, fuel transportation, renewable Power purchases agreements*

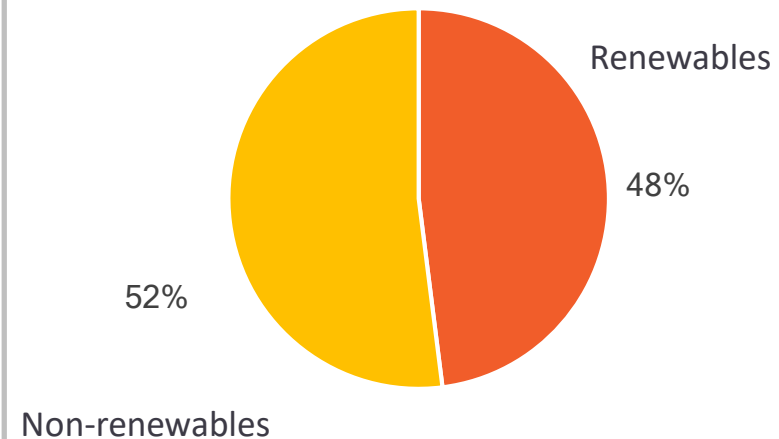
Consumption vs. Generation (GWh)



Historical FY Q2 System Peak Demand (MW)



Renewable Power as Percent of Consumption



System Reliability

CAIDI = Customer Average Interruption Duration Index

Average time to restore service.

SAIDI = System Average Interruption Duration Index

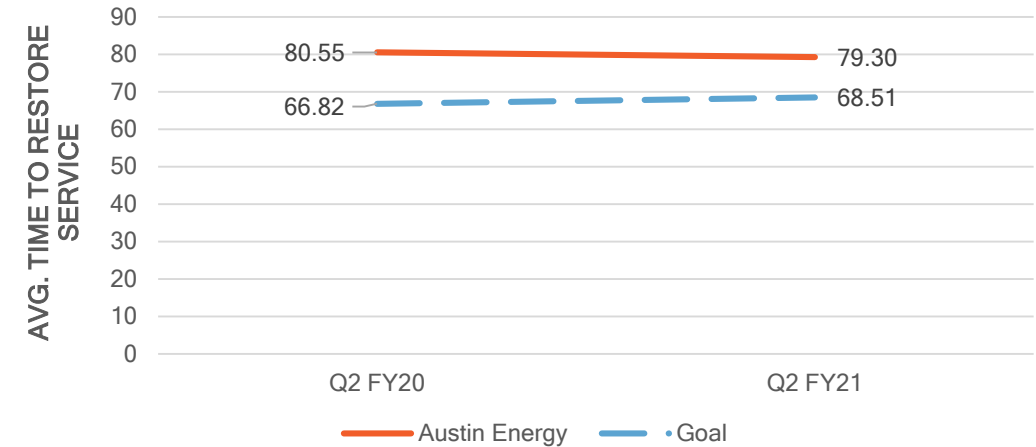
Total duration of interruptions for the average customer, during a period of time.

SAIFI = System Average Interruption Frequency Index

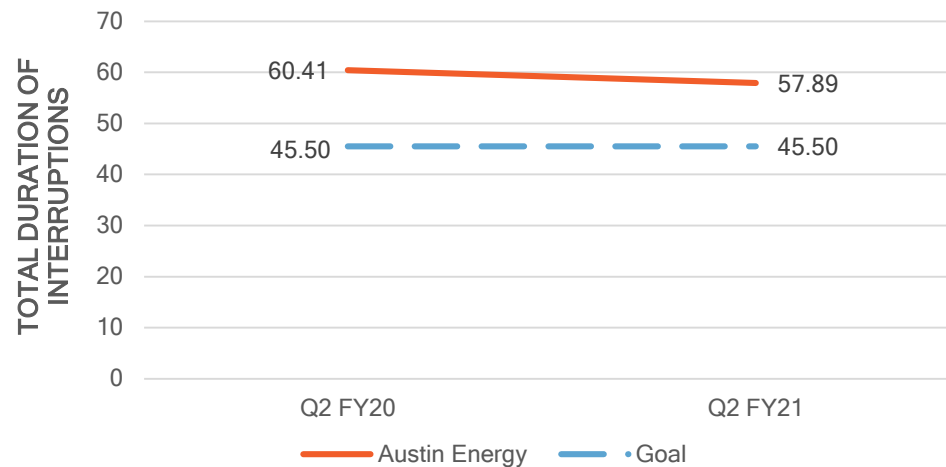
How often the average customer experiences a sustain interruption, over a period of time.

MED = Major Event Days

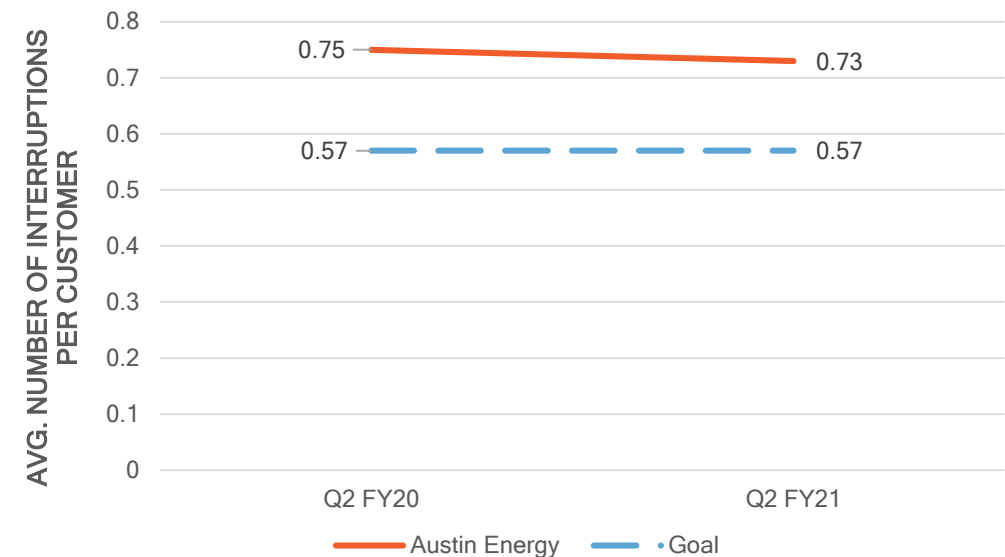
CAIDIs w/o MED



SAIDIs w/o MED



SAIFIs w/o MED

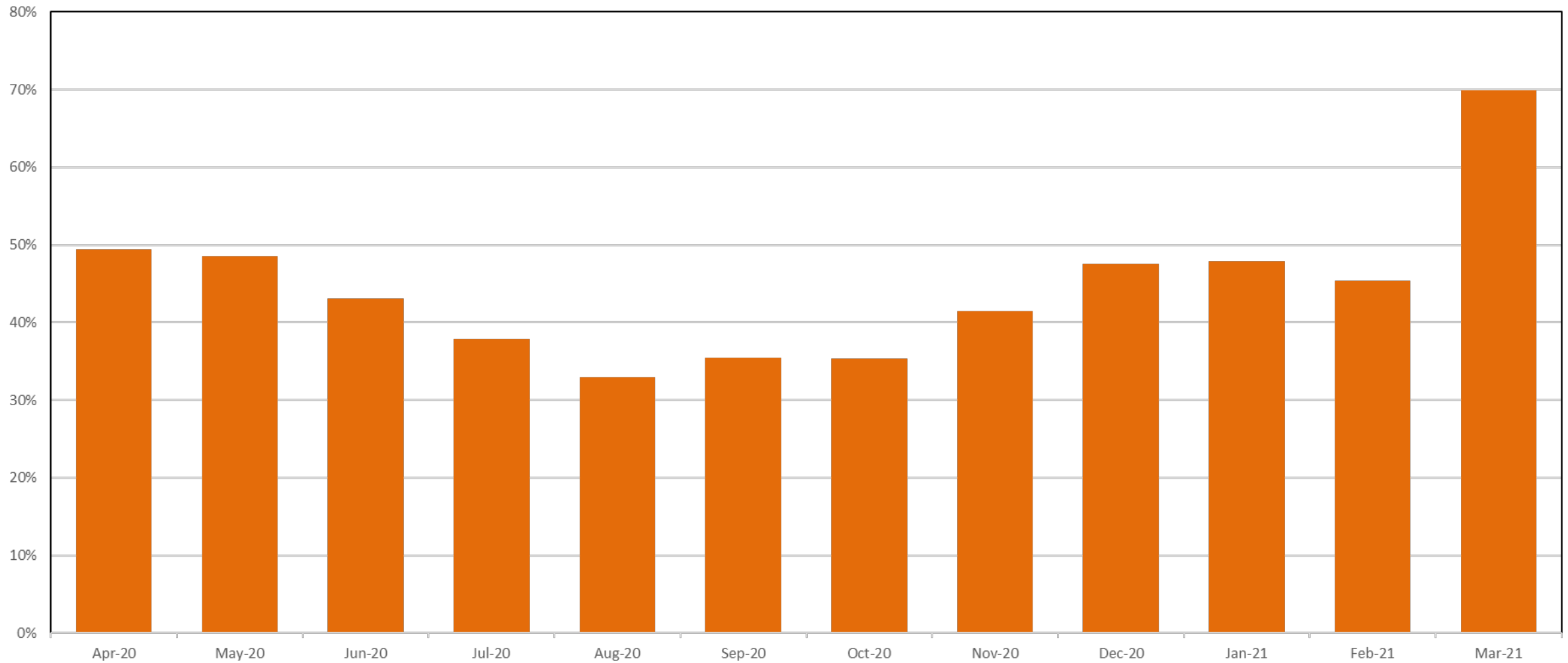


Austin Energy Operational Update

Carbon Footprint



Renewable Generation as a Percentage of Load



Environmental Focus

Reducing our Carbon Footprint

Key programs and projects designed to:

- Expand Renewable Portfolio
- Integrate Distributed Energy Resources



Austin-Bergstrom Airport Project (ABIA)

- New solar array completed: 1.8MW locally-generated renewable energy
- The equivalent energy to supply 160 homes/year
- Solar panels equal the distance of 2 football fields and sit atop ABIA Blue garage
- Awaiting final administrative step: Certificate of insurance, expected any day
- On-Target for substantial completion in May 2021

New Wind and Solar Resources

- Gulf Wind (170 MWs) original COD of May 5th, 2021 (now waiting on final approval of Part 3 checklist from ERCOT – expected any day)
- East Blacklands aka Pflugerville Solar (144 MWs) has an expected COD of mid July 2021
- Aragorn Solar (180 MWs) has an expected COD of October 2021
- Pandora Solar (250 MWs) is an outer year PPA with an unchanged expected COD of December 2023



Austin Energy Operational Update

District Cooling Projects



Key District Energy & Cooling Activities

District Cooling Plant #3 (Downtown, Crescent Tract)

Constructing 10,000 ton chilled water plant for the Downtown System

- Chiller building and Cooling Towers structures are complete
- Art in Public Places is complete.
- Working on site cleanup, fencing, signage and landscaping items.
- Mechanical testing and commissioning is ongoing.
- **On-Target for Operational Startup in Summer 2021**

Austin Community College Highland Campus

Constructing a 6,000 ton chilled water plant with Thermal Energy Storage

- Changes initiated by the customer (ACC) to include a well on site
- Cost of this change is approx. \$1 million but will save several million over the lifecycle of the plant
- Final completion of project altered by 3 months
- **On-Target for substantial completion in Q3 2021**

Mueller Energy Center #2 (Mueller Redevelopment Zone)

Constructing a 6,000 ton chilled water plant with Thermal Energy Storage

- Plant Capacity 6000 TR plus TES tank
- Contractor is selected
- Design and equipment selection in progress.
- **Targeted for substantial completion in Q3 2022**



Austin Energy Operational Update

Future State



Grid Resilience

AE Strategic Goals 2020-2025

Grid Resilience



Improve Distribution System Reliability

Identify, Rank, and Address feeder maintenance needs in areas historically beset by outages. Identify, Rank and Address system hardening needs in areas most susceptible to wildfire risk.

Phase I - Top 10 Feeders in both Performance and Wildfire Criticality addressed (CY/2021)



Improve Substation Reliability

Evaluate substation equipment operation and address legacy equipment needs.

Phase I - Fiskville Substation Upgrades (COMPLETE)

Phase II- Slow Breaker Operation - Review, Rank and Schedule Substation Breakers for maintenance and remediation



Improve Underground Network Reliability

Starts with enabling greater Visibility to our downtown network through the integration of our network model into our Advanced Distribution Management System

Phase I - Network fully Modeled in ADMS - (Q3/2021)



Transmission System of the Future

As part of the 2030 generation plan, Austin Energy is commissioning a Transmission system study that will investigate ways to achieve our goals set forth in the plan while compensating for the loss of generation plants.

Phase I - Development of evaluation criteria (Q1/2021)

Phase II - Develop SOW for RFP release (Q2/2021)



Austin Energy Operational Update

Questions?





Austin Energy Green Building Energy Code Intro. for the EUC

Kurt Stogdill

Manager, Green Building & Sustainability



May 13, 2021

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Agenda

- Overview of International Energy Conservation Code (IECC)
- Overview/timeline of local IECC development and adoption process
- 2021 IECC- notable developments
- Next steps

Overview of IECC

- Energy is one of the International Codes developed by the International Code Council
- New codes on 3-year cycles
- Austin is on the 2015 IECC currently
- Regulate design and construction for effective use and conservation of energy, permit use of innovative approaches
- Energy code is divided- commercial and residential



IECC Overview con't...

- Main sections include
 - Insulation
 - Envelope
 - Mechanical systems
 - Lighting
- Three ways of meeting requirements
 - Prescriptive- ex. You must do a, b and c
 - Performance based- modeling
 - COM/REScheck- combination of prescriptive and performance based
- Local amendments- municipalities may pass amendments to the IECC to meet relevant local goals and priorities

Process of Code Adoption

Roles

- Development Services Department (DSD)- responsible for adoption and enforcement of building codes for the City
- Austin Energy Green Building- facilitates stakeholder review and development of local amendments

Code Adoption con't...

Stakeholder review/input

- Split- residential and commercial
- Open March 15 through April 15 via DSD's Public Input portal
<https://publicinput.com/V1231>
- Includes- home builders, Home Builder's Association, architects, American Institute of Architects, non-profits, environmental community

Schedule

4/20- RMC- Introduction

4/28- Joint Sustainability Commission- courtesy review

5/6- City Council- “set hearing”-DSD

5/13- EUC- courtesy review

5/18- RMC- Review proposed code, stakeholder feedback

DSD will need the RMC recommendation within 2 days to update the posting

5/25- Mechanical & Plumbing Board- courtesy review

5/26- Building & Fire Code Board of Appeals- courtesy review

6/3- City Council for approval- DSD

9/1- Implementation

2021 IECC- Notable Developments

IECC-

- Estimate 8-10% increase in energy efficiency over existing code
- Electric Vehicle (EV) Ready and Electrification were struck during appeals

Local-

- No new local amendments, will carry over relevant 2015 amendments
 - Will carry forward Solar Ready
 - Will remove requirement for natural gas water heating for residential construction
 - Energy Rating Index (ERI) will remain the same
- Look to progress EV Ready and Electric Ready through means other than IECC

Other Steps

- Model local (MW, kWh) impacts
- Residential affordability impact statement
- Legal Review
- Back to RMC 5/18
 - Look for recommendation
- Green Building
 - Update ratings
 - Update code savings methodology and goals

Thank You
Questions?

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AUSTIN ENERGY
**GREEN
BUILDING**



**EUC Report re Council Action
May 13, 2021**

Item below recommended by EUC April 19; Council approved on date indicated in parenthesis.

2. (4/22) [Capital Contracting] Authorize award and execution of a construction contract with Austin Underground Inc. (MBE), for 301 W. 20th – Duct Bank WR project in the amount of \$542,120 plus a \$54,212 contingency, for a total contract amount not to exceed \$596,332.
3. (4/22) [Purchasing] Authorize an amendment to an existing contract with Pike Enterprises Inc D/B/A Pike Electric LLC, for continued substation installation, repair, and maintenance services, for an increase in the amount of \$2,000,000, for a revised total contract amount not to exceed \$5,000,000.
4. (4/22) [Purchasing] Authorize an amendment to an existing contract with Pike Enterprises Inc, to provide continued transmission and distribution electrical services, for an increase in the amount of \$4,000,000, for a revised contract amount not to exceed \$93,000,000.
5. (5/6) [Purchasing] Authorize negotiation and execution of a contract with Wesco Distribution, Inc., D/B/A Hi-Line Utility Supply Co, LLC aka Power Supply, for substation capacitor banks, for a term of five years for a total contract amount not to exceed \$2,700,000.
6. (5/6) [Purchasing - Multi-Dept; AE's portion approximately \$9M] Authorize an amendment to an existing cooperative contract with Dell Marketing LP, to provide Dell hardware and software products and related services including maintenance and support, for an increase in the amount of \$21,000,000, for a revised total contract amount not to exceed \$68,250,000.
7. (5/6) [Purchasing] Authorize negotiation and execution of a contract with Gruene Environmental Companies LLC D/B/A Gruene Environmental Construction LP, to provide spill response, cleanup and restoration services, for a term of five years for a total contract amount not to exceed \$2,000,000.
8. (5/6) [Purchasing] Authorize award of a multi-term contract with KBS Electrical Distributors, Inc., for pressure treated wood poles, for up to five years for a total contract amount not to exceed \$3,700,000.
9. (5/6) [Purchasing] Authorize an amendment to an existing cooperative contract with SHI Government Solutions, Inc., to continue providing Tableau products and software including maintenance and support, for an increase in the amount of \$330,000, for a revised total contract amount not to exceed \$1,051,000.