



January 14, 2022

8:00 a.m. to 9:00 a.m.

Franklin City Hall Training Room

8:00 am	Welcome and Introductions	Dana Kose
8:05 am	*Approval of November Meeting Minutes	Dana Kose
8:05 am -- 8:10 am	Announcements	Andrew Orr
8:10 am -- 8:25 am	*2021 Energy Usage Overview	Eric Conner
8:25 am-- 8:45 am	*2022 Outlook	Andrew Orr
8:45 am-- 8:50 am	Elect Chair and Vice Chair	All
8:55 am	News/Updates/Adjourn	Dana Kose

*Item contains an attachment or link

CITY OF FRANKLIN MISSION STATEMENT: Franklin will continually strive to be a community of choice for individuals, families, and businesses to grow and prosper through an excellent quality of life supported by exceptional, responsive, and cost-effective City services.

Brenton Montgomery (12/14/2024)	Todd Palmer (8/27/2022)
Mike Cassity (11/10/2024)	Dana Kose (12/10/2022)
Beverly Burger (BOMA co-terminus)	John Brevard (12/14/2024)
XXXX XXXXX (Franklin Tomorrow co-terminus)	Chase Harper (12/14/2024)
R. Keith Gordon (3/23/2024)	

The City of Franklin has committed itself to developing an ongoing strategy of sustainability for the community. This initiative will be designed to achieve viable, fulfilling, and rewarding lifestyles for our residents and business partners through responsible and innovative stewardship of the environment.



MINUTES OF THE MEETING OF THE FRANKLIN SUSTAINABILITY COMMISSION

November 12, 2021

Members Present: **Chair Dana Kose, Todd Palmer, Mike Cassity, Brenton Montgomery, Alderman Beverly Burger and Keith Gordon**

Members Absent: **none**

Staff Present: **Andrew Orr and Eric Conner**

Visitors: **Christina Christianson (Atmos Energy) and Steve Siegfried**

The Franklin Sustainability Commission held a regular meeting on Friday, November 12, 2021, at 8:00 a.m. in the Franklin City Hall Training Room.

Welcome and Introductions

Chair Kose welcomed everyone to the meeting. Everyone introduced themselves.

Announcements

- **Aldermen Election Results - Alderman Bev Burger and Patrick Baggett** were elected to the Board of Mayor and Aldermen. **Mr. Baggett's** term on the Sustainability Commission has ended and will serve on the Civil War Historic Commission. Others elected include Jason Potts, Gabrielle Hanson, and Matt Brown. There will now be a new representative from Franklin Tomorrow to replace **Mr. Baggett**.
- **Commission Updates and Reporting – Mr. Eric Stuckey, City Administrator**, has asked the Commissions to brief the Board of Mayor and Aldermen (BOMA) at least once per year. After six months, the Commission will provide written correspondence to BOMA about Commission activities. **Mr. Orr** stated that they will go back to BOMA to present the Waste Reduction Policy Guide. He stated that they could give a brief overview presentation before the Waste Reduction Policy Guide presentation.
- **City Hall Redevelopment Update** – The plan will be presented to the Joint Conceptual Workshop on December 9th. Staff will discuss the overall Master Plan. **Chair Kose** stated that there was an article in the Community Impact paper. **Alderman Burger** asked if there would be a meeting to discuss the sustainability design and best practices for the building. **Mr. Orr** will research when this meeting will take place. **Mr. Gordon** stated that this meeting should take place sooner than later. **Mr. Orr** stated that **Mr. Ken Scalf** was hired to look at the LEED design for the building. **Alderman Burger** stated that she will try to present this at the Joint Conceptual Workshop on December 9th. **Alderman Burger** stated that the building needs to be designed to stand the test of time.
- **Member Update** – **Mr. Orr** stated that there are three openings on the Commission. Franklin Tomorrow will appoint a new member to replace **Mr. Baggett**. **Mr. Chase Harper** from TMA Group may also join. **Mayor Moore** recommended that **Mr. Orr** reach out to **Mr. John Brevard** as a possible member.
- **Surface Pro Update** – The Surface Pros are in, but the software still needs to be updated. Commissioners may opt to have a Surface Pro for City business.



Approval of the Minutes

Chair Kose asked for a motion to approve the September 2021 minutes.

Mr. Palmer moved, seconded by **Mr. Montgomery**, to approve the September 2021 minutes.

The motion carried unanimously.

Waste Reduction Guide Discussion

Mr. Orr stated that **Chair Kose** and he met with **Mr. Jack Tucker**, Director of SES. Some highlights from the call include:

- The safety of the Sanitation workers is priority.
- They are trying to mechanize many of the job operations as possible.
- Staff turnover and call outs are an issue. Keeping crews on the road is a challenge.
- These points should be considered before adding any programs or changes.

Chair Kose stated that **Mr. Turner** is open to listening to comments and suggestions from the Sustainability Commission. **Ms. Angela Jackson** has been hired at SES to help promote the recycling program through public outreach.

Chair Kose read over the Waste Reduction Policy Guide draft.

Mr. Orr that Blue Bin participation is around 60%. The goal is 75%. **Mr. Orr** stated that the sorting facility in Lewisburg will now hire workers, so cost will increase. Also, another facility in Nashville is being used. Thus, the cost is growing significantly.

Alderman Burger and Mr. Gordon asked if it would be cost prohibitive for the City, with rising processing costs, if 75% participation is reached.

Mr. Orr stated that, with the increased costs, the City will be paying more for recycling. He stated that he will find out why the facility in Lewisburg is no longer using inmate workers.

Alderman Burger stated that she would like to know why they made the decision to change from using inmate workers.

Chair Kose stated that Mr. Tucker stated that glass recycling will not happen in the near future, but should be left on the list.

The Commissioners discussed other the Action Items.

Mr. Cassity stated that he would like to find a commercial solution for glass recycling.

Mr. Orr stated that he would like to inform BOMA about the local private companies who work with glass recycling.

Chair Kose discussed the City of Franklin Waste Breakdown. She stated that there was a drop in Tons of Recyclables because recycling service was suspending during part of 2020 due to



COVID.

Mr. Orr stated that he was encouraged by the drop in Tons of Yard Waste. Also, the increase in Tons of Waste increased in 2020 because people were at home more due to COVID. He stated that the local composting facility on Lula Lane is running out of room. He stated that they had considered moving the operation or economizing the operation. However, they are taking in more waste than they can process.

Alderman Burger stated she thought there may be a site at Harlinsdale. She stated that she would ask Lisa Clayton from Parks. She suggested that the land near Mack Hatcher Parkway should be utilized. She would like to find out what other City-owned properties are available.

Chair Kose stated that Ms. Angela Jackson will help promote BOPAE. The hours of operation were discussed.

Alderman Burger discussed that there are several items BOPAE no longer takes such as paint. She is concerned that people will throw items in the trash due to inconvenience.

Chair Kose also stated that they do not take AA batteries.

Mr. Orr stated that the suggestion for SES to pick up glass and different items on specific days was not sustainable for SES.

Chair Kose stated that Action Item 3 should be expanded to “evaluate the effectiveness”.

Chair Kose stated that for Action Item 4, Mr. Tucker suggested educating homeowners to do their own composting.

***Mr. Orr** suggested a site tour in February to the Nashville composting facility.

The need to change the hours for the BOPAE facility was discussed. It was suggested that the hours need to be more convenient for the public.

Mr. Conner stated that it might help to provide a few specific “suggestions” for each Action Item for BOMA to consider.

Chair Kose and **Mr. Orr** suggested having the Litter Survey in February or March. He stated that clean-up crews start in the Spring.

Alderman Burger suggested a program where each Ward Alderman pair with an At-Large Alderman. Four times each year, they would conduct a “trashercise” in each Alderman’s ward to pick up litter. She suggested working with local churches, groups, etc. in that ward. She stated they could provide t-shirts, prizes, children’s gifts. She stated that McEwen has a trash problem due to the trucks and, also, the intersection of Hwy 96 and I-65 and Cool Springs and I-65. She is putting together a committee. She stated that this brings together the community, especially local businesses. For example, the employees at Nissan could take care of their area.

Mr. Orr stated that Atmos Energy and MTEMC would support this idea.



For Item 7 (conduct annual river and stream litter pickups), **Mr. Orr** stated that they have been coordinating these dates.

For Item 8 (evaluate municipal procurement), **Chair Kose** stated that this should remain as “evaluate”. This will change as new products come available. This item is more concerned about the items that the City is buying, green and recycled products.

For Item 9 (evaluate waste reduction efforts) refers specifically to the new City Hall.

Item 10 (inform residents and businesses about recycling) will be coordinated between Ms. Angela Jackson and Ms. Milissa Reiersen.

Item 11 (evaluate options to incorporate recycling at City events), move this item to be with other recycling items. Chair Kose stated that this will be a long term item.

Alderman Burger stated that there may be blue bins available during some of the festivals. She stated that it must be clear that only recyclables are to go in. She stated that there is an opportunity to work with the Communications department to promote recycling information. She stated this information should be promoted with local groups and events. Examples include Franklin Tomorrow, Columbia State Community College, Frank Talks, etc.

Updates/Other News/Adjourn

***Mr. Orr** stated that the next meeting will be **December 10, 2021 at 8 am for breakfast.**

Alderman Burger stated that Lowes will take used alkaline and lithium batteries. Home Depot will accept rechargeable batteries.

The meeting adjourned at 9:15 am.

*Items to follow up on.



Total Municipal Electricity Usage and Cost

FY Year	Usage*	Cost
Base Year 2008	24,800,000 kWh	\$ 2,600,000.00
2013-2014	27,118,515.02 kWh	\$ 2,884,968.00
2014-2015	26,743,092.00 kWh	\$ 2,905,019.72
2015-2016	27,762,427.00 kWh	\$ 2,880,570.71
2016-2017	26,790,143.00 kWh	\$ 2,672,170.01
2017-2018	23,861,360.00 kWh	\$ 2,702,953.47
2018-2019	25,029,025.98 kWh	\$ 2,871,121.38
2019-2020	24,705,955.00 kWh	\$ 2,753,071.49
2020-2021	24,307,914.60 kWh	\$ 2,743,908.33

*Starting in 2017, does not include consumption for unmetered lights

2020-2021 Electricity Usage and Cost

Facility	Usage	Cost
Fire Stations (8) + sirens	859,597 kWh	\$94,810.66
Police HQ + Garage	2,160,530 kWh	\$178,990.62
City Hall + 2 nd Ave Garage	758,844 kWh	\$74,038.38
Public Works	576,640 kWh	\$52,843.42
Sanitation/ Solid Waste	251,120 kWh	\$25,618.28
Parks	665,867 kWh	\$74,648.89
Water Treatment/ Pumps	3,947,205 kWh	\$356,358.22
Wastewater Treatment/ Sewer	12,877,455 kWh	\$1,202,315.55
Unmetered Street Lights	N/A	\$466,607.84
Metered Street Lights	788,340 kWh	\$68,625.86

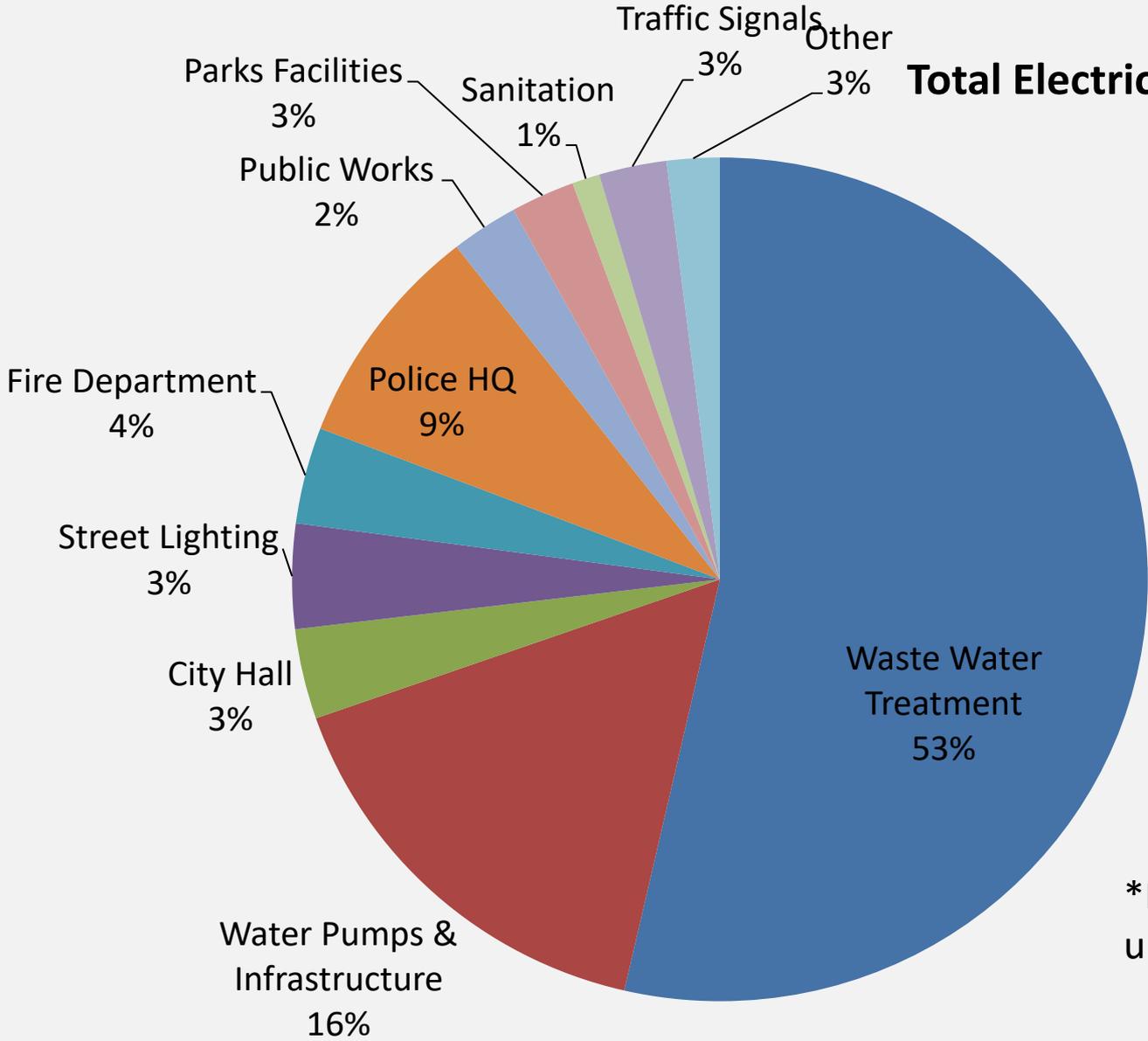
2019-2020 Electricity Usage and Cost

Facility	Usage	Cost
Fire Stations (8) + sirens	912,571 kWh	\$96,581.82
Police HQ + Garage	2,045,800 kWh	\$170,373.73
City Hall + 2 nd Ave Garage	853,281 kWh	\$83,403.77
Public Works	626,880 kWh	\$56,878.06
Sanitation/ Solid Waste	258,320 kWh	\$26,238.61
Parks	597,628 kWh	\$68,839.53
Water Treatment/ Pumps	3,969,525 kWh	\$388,508.72
Wastewater Treatment/ Sewer	13,239,728 kWh	\$1,209,811.05
Unmetered Street Lights	N/A	\$465,943.54
Metered Street Lights	991,817 kWh	\$82,958.42

2018-2019 Electricity Usage and Cost

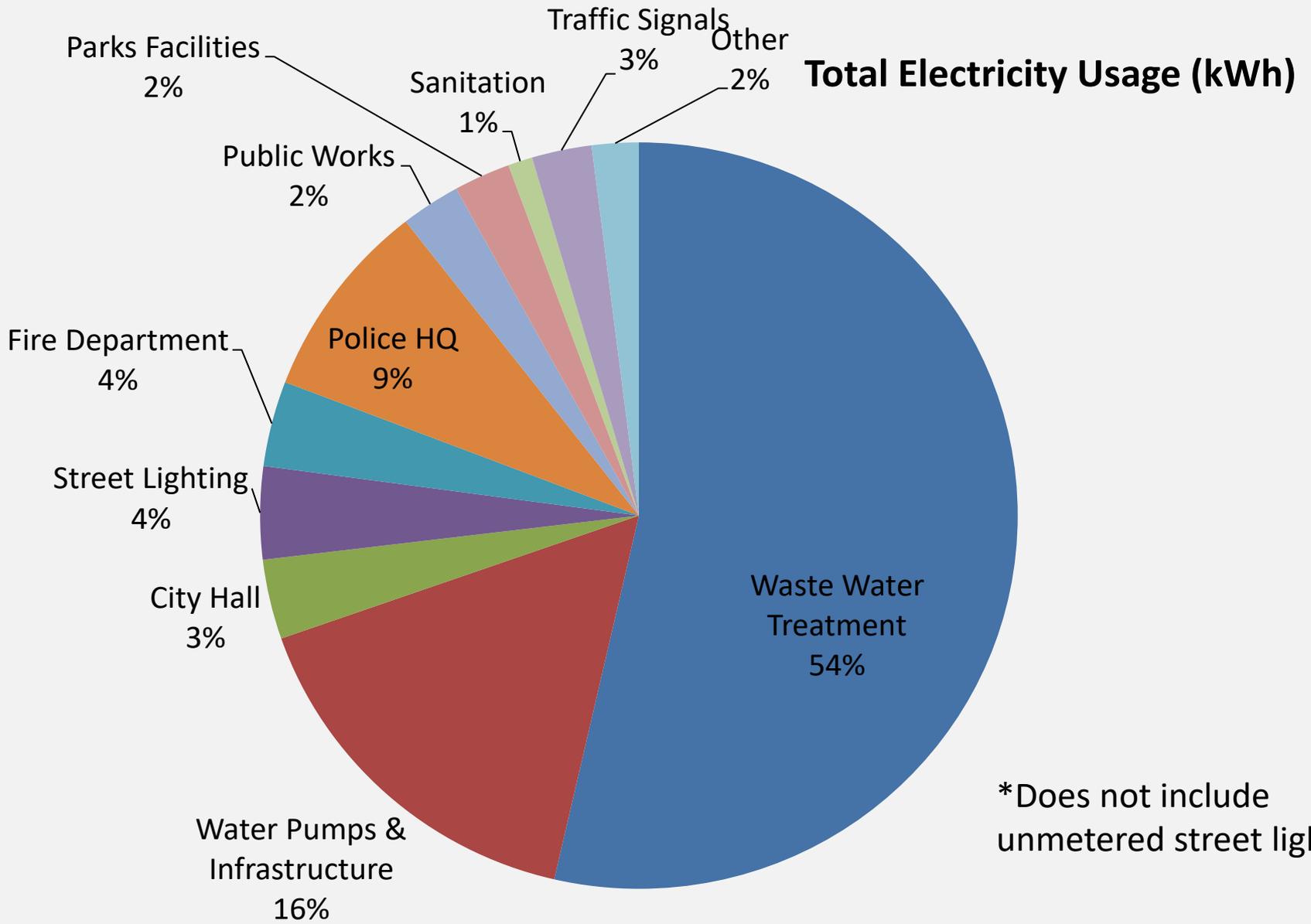
Facility	Usage	Cost
Fire Stations (8) + sirens	782,236 kWh	\$86,861.92
Police HQ + Garage	1,965,600 kWh	\$161,121.38
City Hall + 2 nd Ave Garage	979,049 kWh	\$95,744.98
Public Works	654,000 kWh	\$59,767.43
Sanitation/ Solid Waste	245,200 kWh	\$24,144.18
Parks	747,200 kWh	\$82,357.93
Water Treatment/ Pumps	3,990,282 kWh	\$381,118.34
Wastewater Treatment/ Sewer	13,171,329 kWh	\$1,231,130.51
Unmetered Street Lights	N/A	\$473,866.35
Metered Street Lights	1,098,288 kWh	\$92,314.92

Total Electricity Usage (kWh)



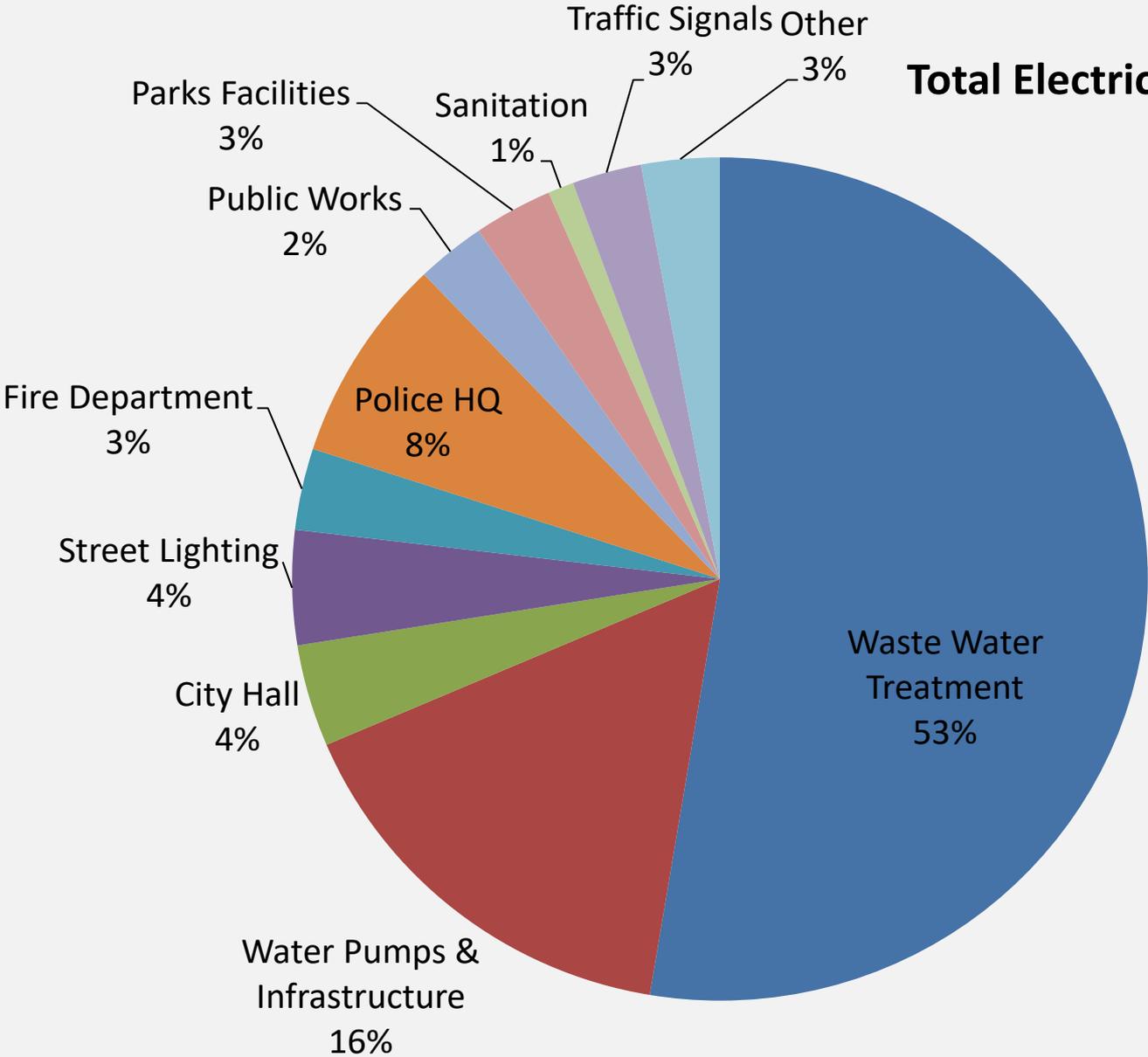
*Does not include unmetered street lights

Total energy CY 2020/2021 usage= 24,307,915 kWh



Total energy CY 2019/2020 usage= 24,705,955 kWh

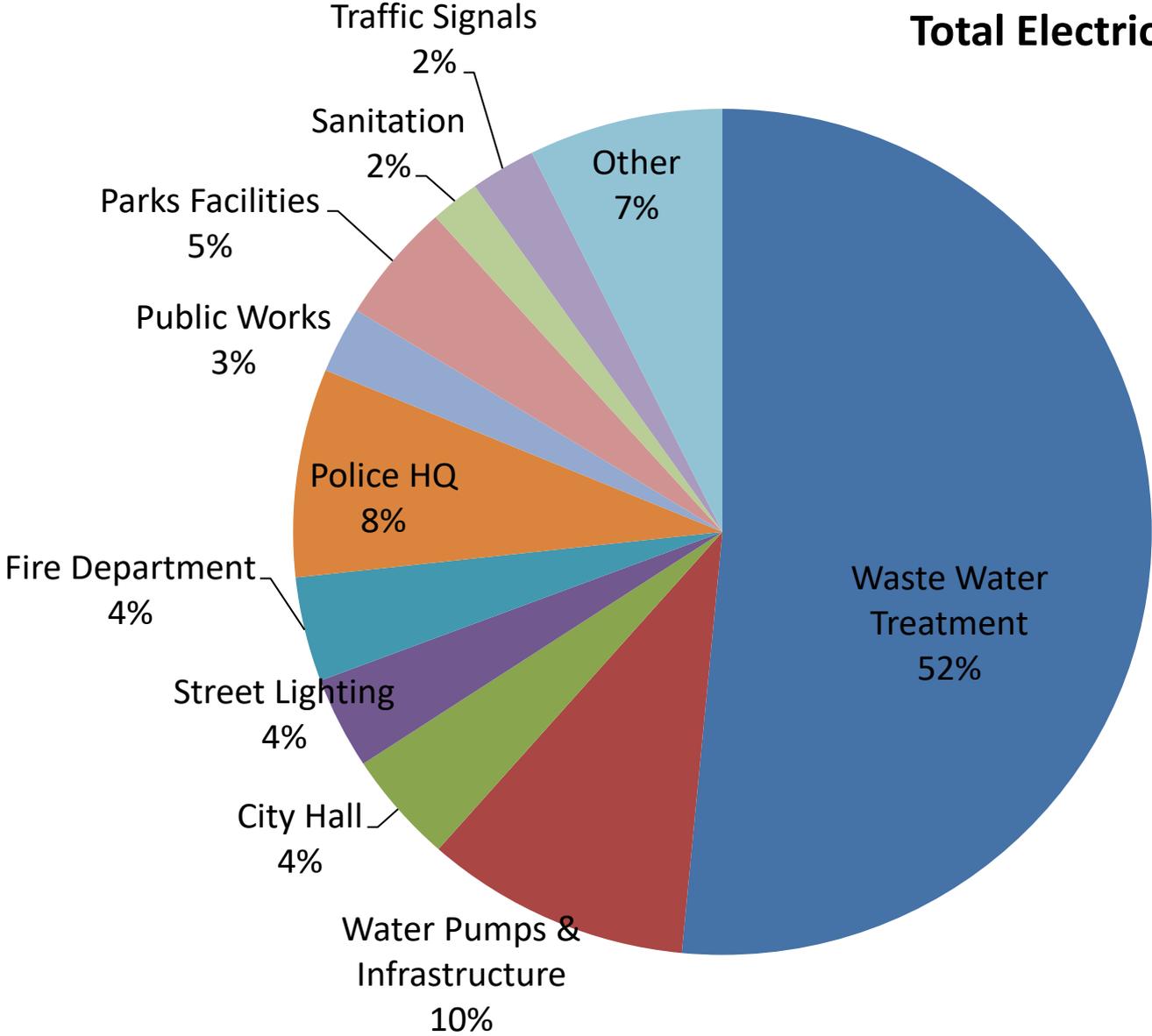
Total Electricity Usage (kWh)



*Does not include un-metered lights

Total energy CY 2018/2019 usage= 25,029,025.98 kWh

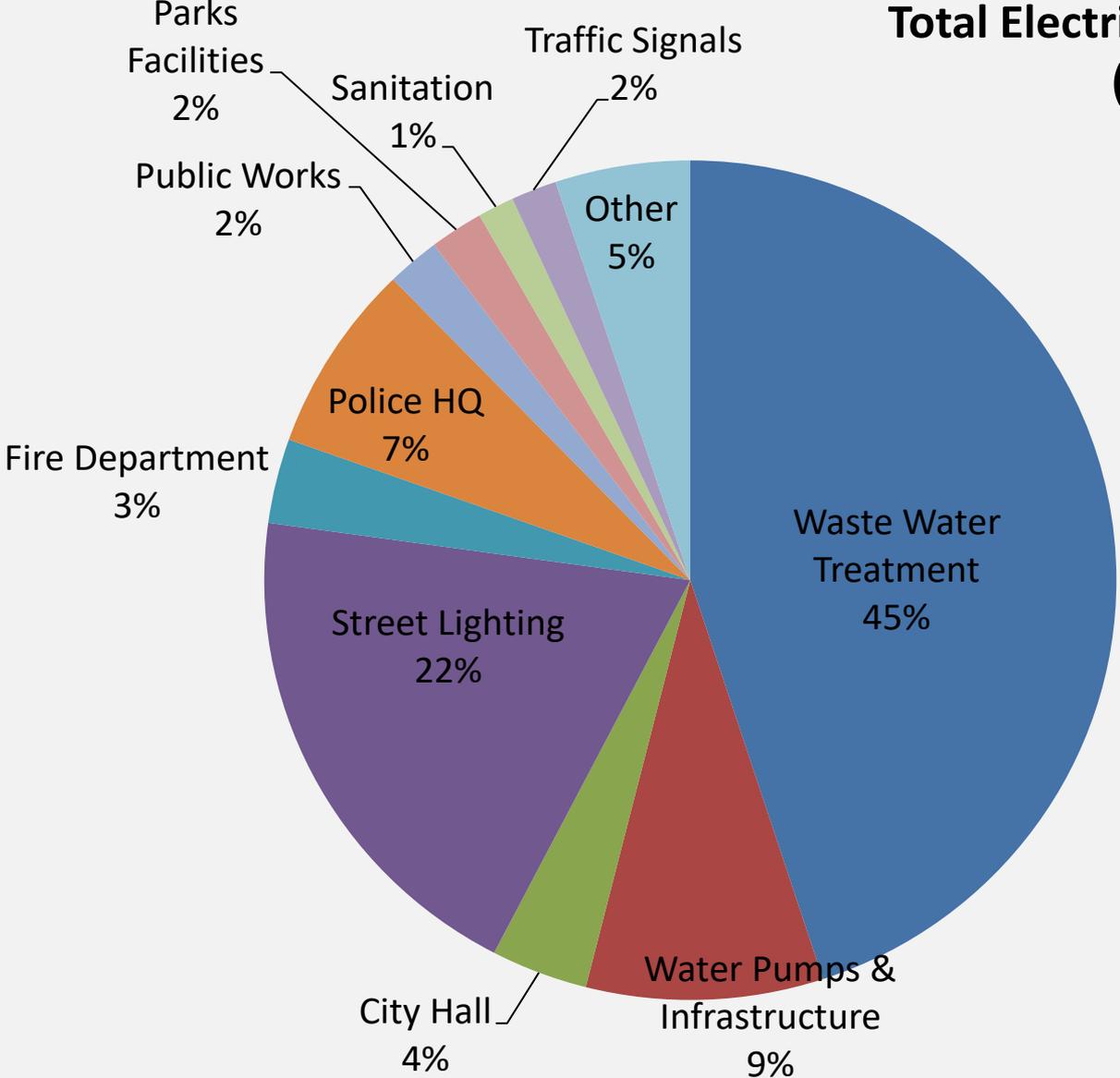
Total Electricity Usage (kWh)



*Does not include unmetered lights

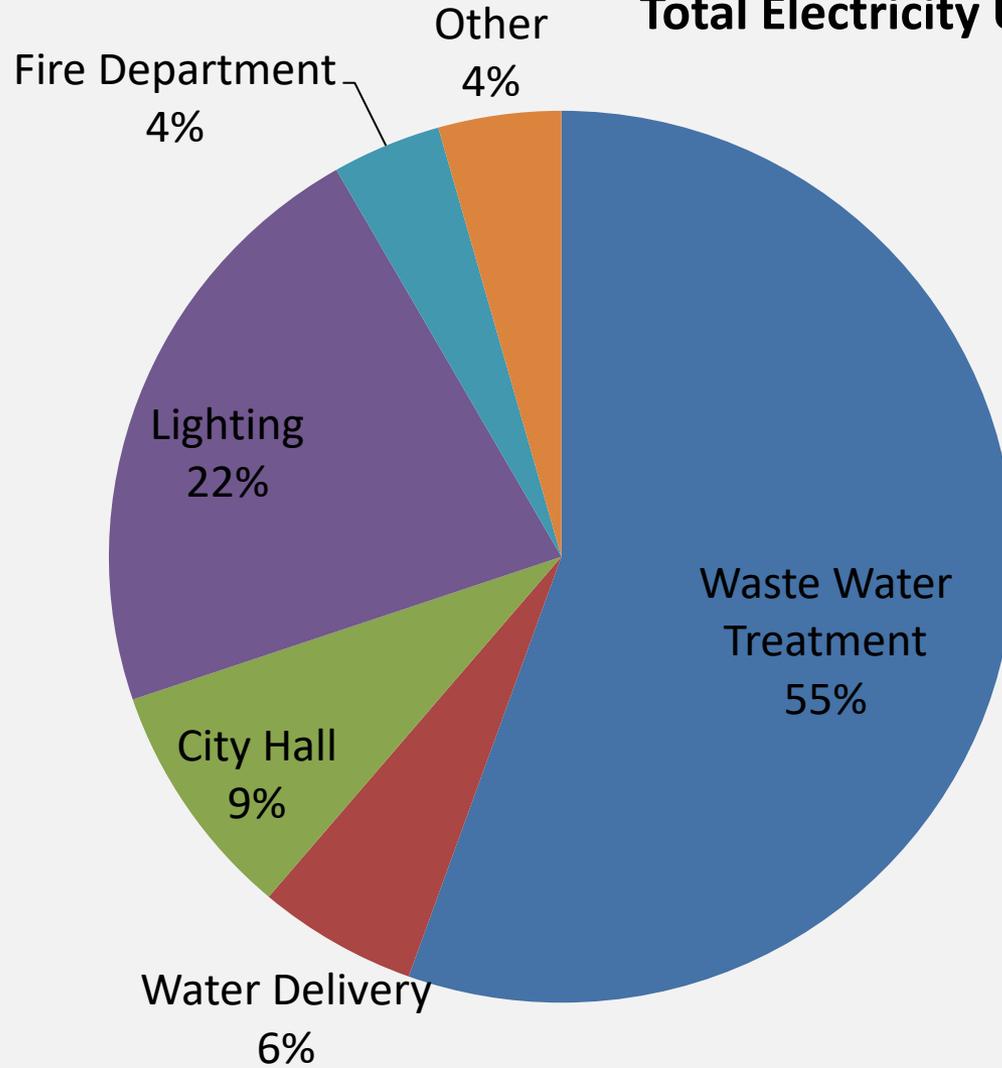
Total energy CY 2017/2018 usage= 23,861,360.00 kWh

Total Electricity Usage 2016 (kWh)



Total energy CY 2016 usage=27,200,000 kWh

Total Electricity Usage 2008 (kWh)



CY 2008 Energy Usage=24,800,000 kWh

Estimated CY 2008 Electric Expenses=\$2.6 million

FY 20-21 Solar Revenues

1 MW Array:

- 1,220, 133 kWh
- \$171,234
- City keeps 10% = \$17,123

200 kW Array (credit):

- \$44,612
- City keeps 20% = \$8,922



November 2021 EV Chargers Usage

4 chargers in Downtown Parking Garages:

- Owned/Operated by BLINK
- 1,038 total Kilowatts/hour
- \$478 in fees
- \$321 net revenue
- COF revenue = \$160



2022 Sustainability Commission Work Plan

- Litter Survey: Make the litter survey an annual practice to take place in March. Better coordinate litter pick ups
 - Williamson County inmates litter patrol (periodic)
 - Keep Williamson Beautiful volunteers (periodic)
 - COF Streets Department (infrequent)
 - TDOT (infrequent)
 - Other
- Energy Policy Guide action items (Commission member work on one action item):
 - Future of the 200 kW solar project
- Creation and endorsement of Waste Reduction Policy Guide
- Creation and endorsement of Transportation Policy Guide
- Energy Reporting: provide fiscal year usage and costs
- City Hall LEED Initiatives: additional follow up with the new city hall project related to LEED credits;
- Peer Exchange or field trip (ideas could be visiting an MTE solar installation, regional compost facility, etc)
- Recycling and waste reduction update;
- Social media/public outreach;
- Other?

2022 Meeting dates:

- January 14
- February 11 (waste reduction policy guide discussion)
- March—Conduct Litter Survey (no meeting)
- April 8
- May 13
- June 10
- July--Off
- August 12
- September 9
- October 14
- November 11
- December--Off

