



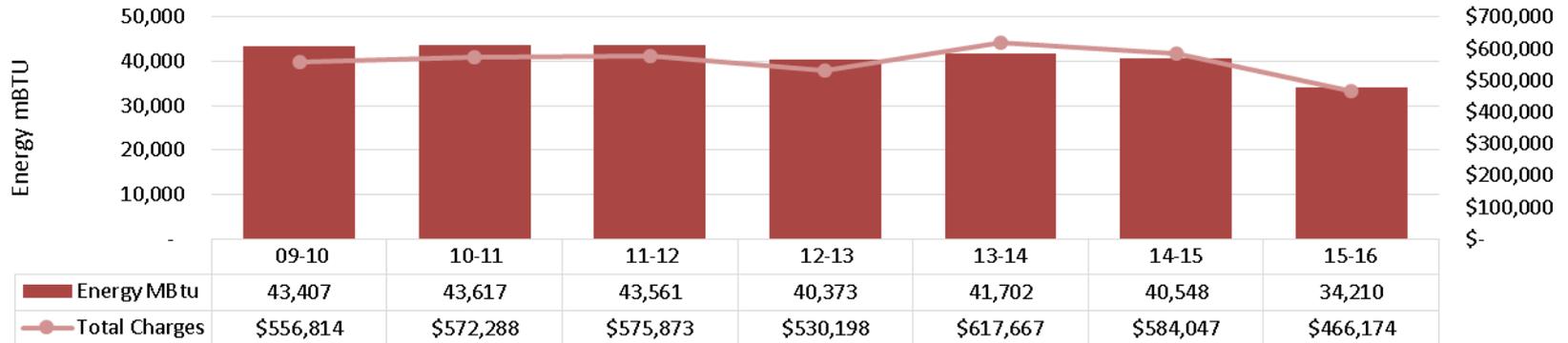
# Welcome Teton County

*April 2016*

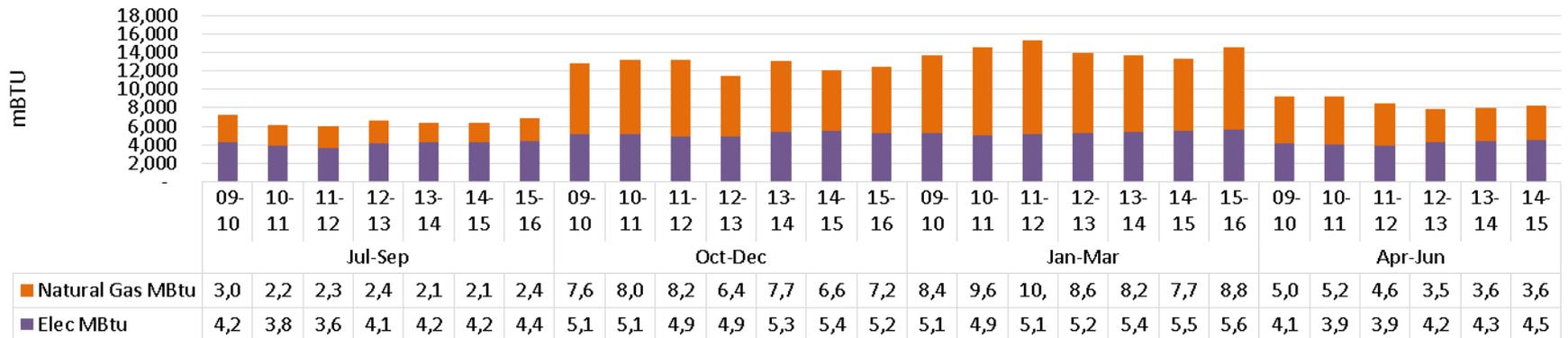
# Quarterly Performance Review



### Annual Consumption & Costs to End of Q3, FY 15-16



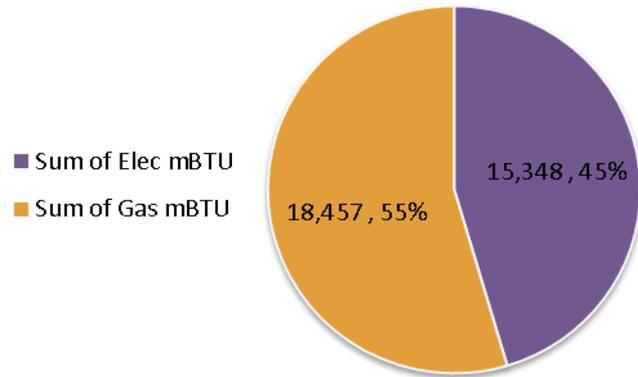
### Quarterly Energy Consumption to End of Q3, FY 15-16



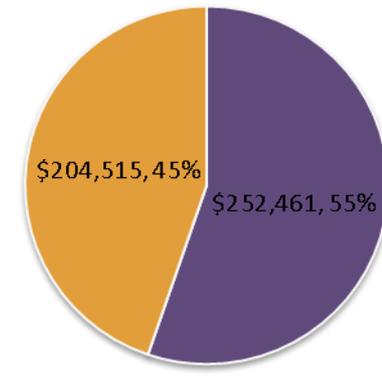
- At the end of Q1, FY 15-16, organisation wide energy consumption increased by 6% compared to the same period previous financial year
- Electricity increased by 0% and gas increased by 12%



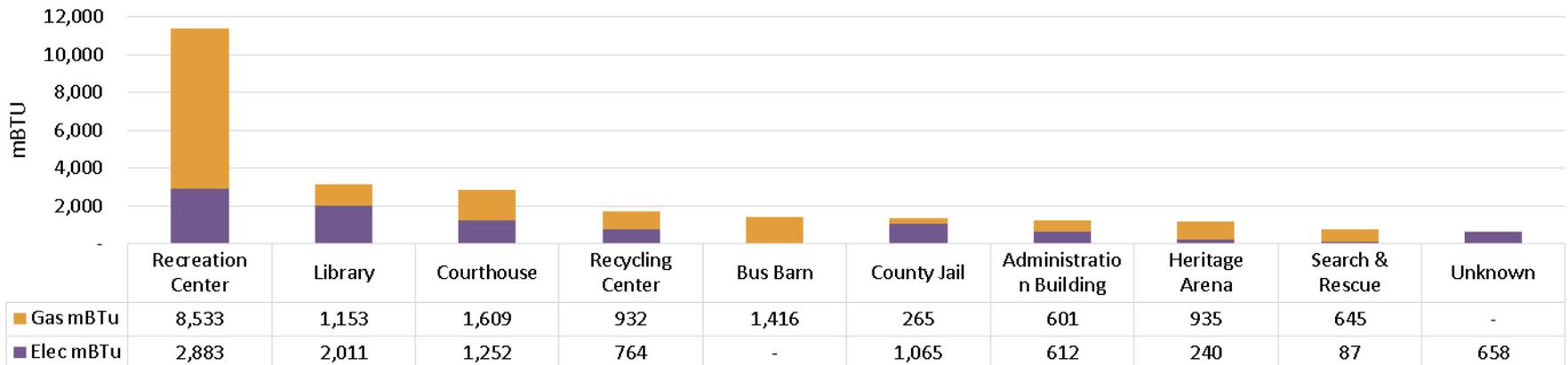
Elec vs Gas mBTU: Q1 - Q3, FY 15-16



Elec vs Gas \$: Q1 - Q3, FY 15-16



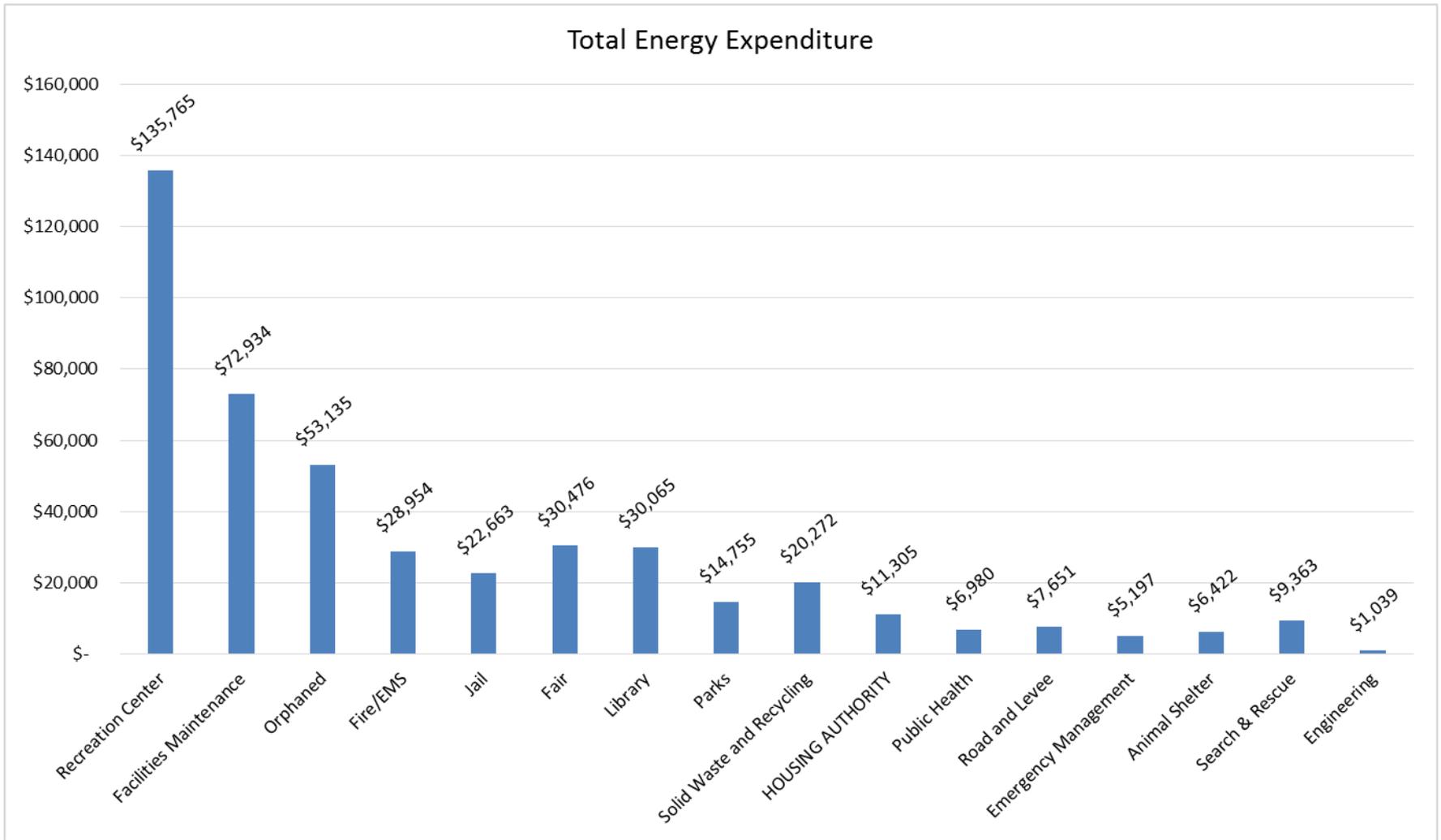
Top 10 Energy Mix: Q1 - Q3, FY 15-16



- At the end of Q3, FY 15-16, gas accounted for 55% of energy consumption and 45% of energy costs
- The unit cost of electricity was \$31/mBTU, whereas gas was \$7/mBTU



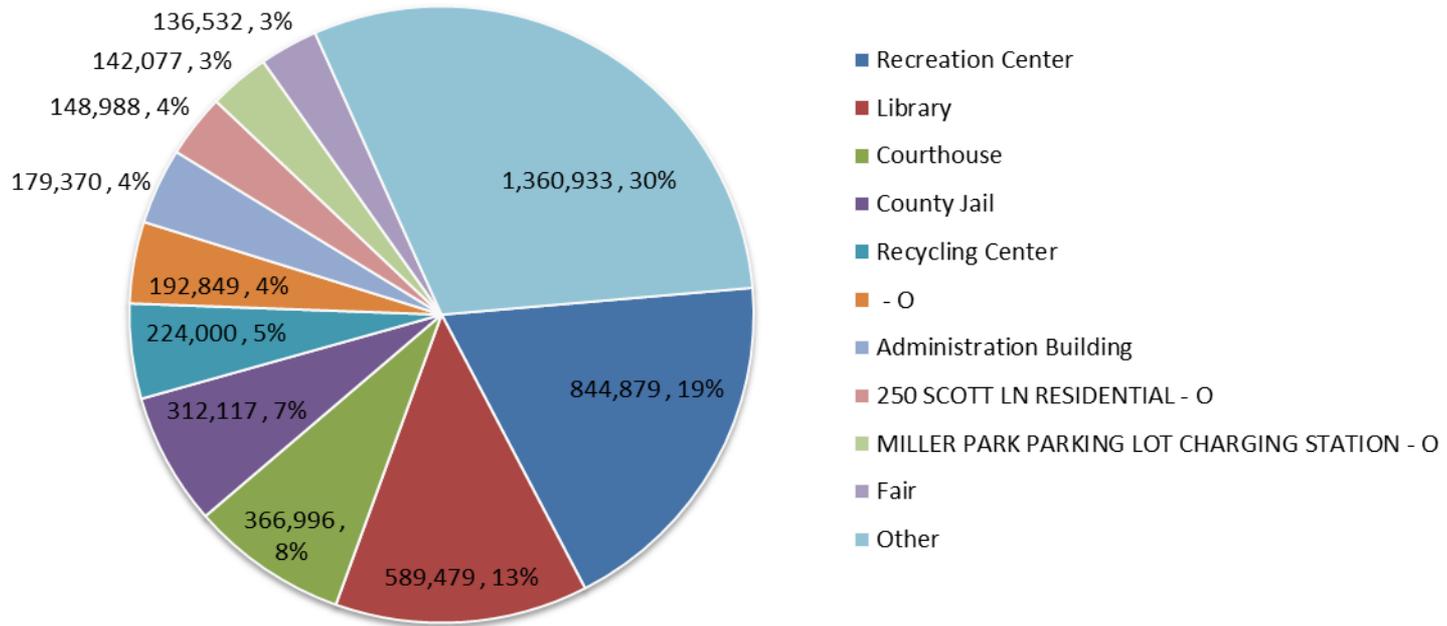
Total Energy Expenditure



➤ At the end of March 2016 the County's expenditure on energy was \$457K



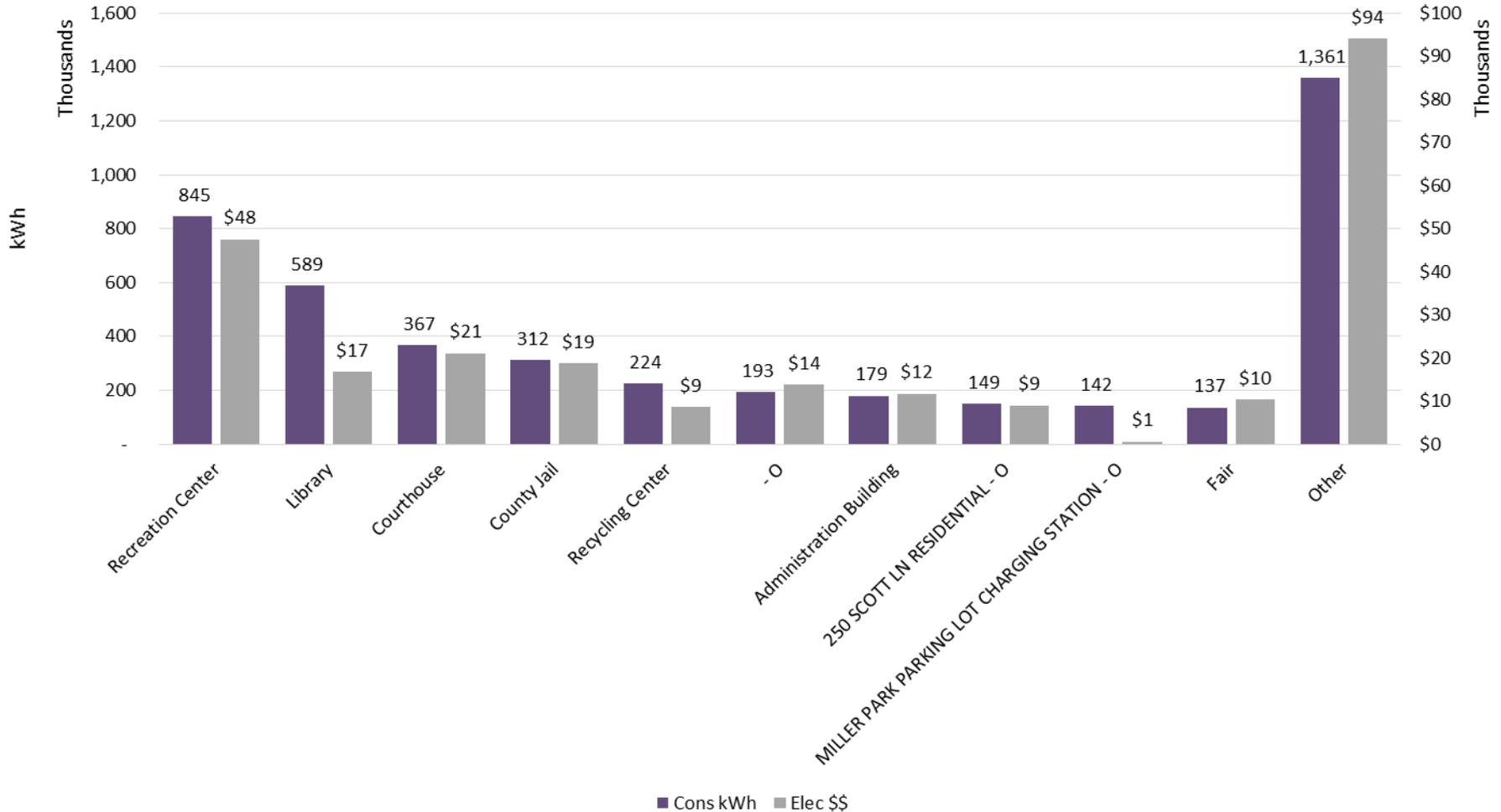
**% Breakdown Elec. Consumption for Q1 - Q3, FY 15-16 - Top 10**



➤ At the end of Q3, FY 15-16, County's top 10 sites accounted for 70% of organisation wide electricity consumption



Elec. Consumption & Costs for Q1 - Q3, FY 15-16

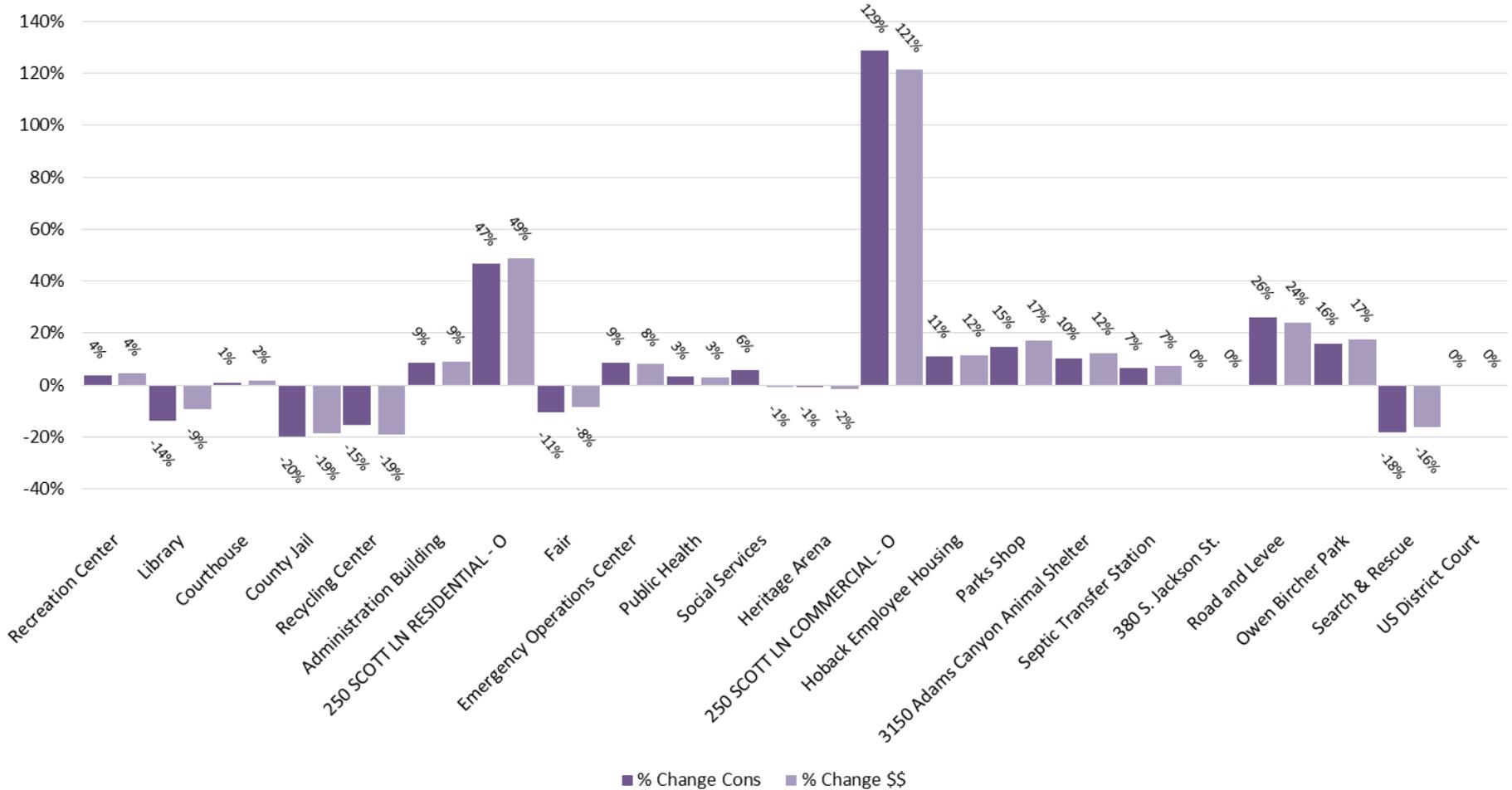


➤ At the end of Q3, FY 15-16, organisation wide electricity expenditure was \$252K 250 Scott Ln Residential was not in the County's top 10 sites this time last year

Note: 'Other' includes all other Council sites not individually listed



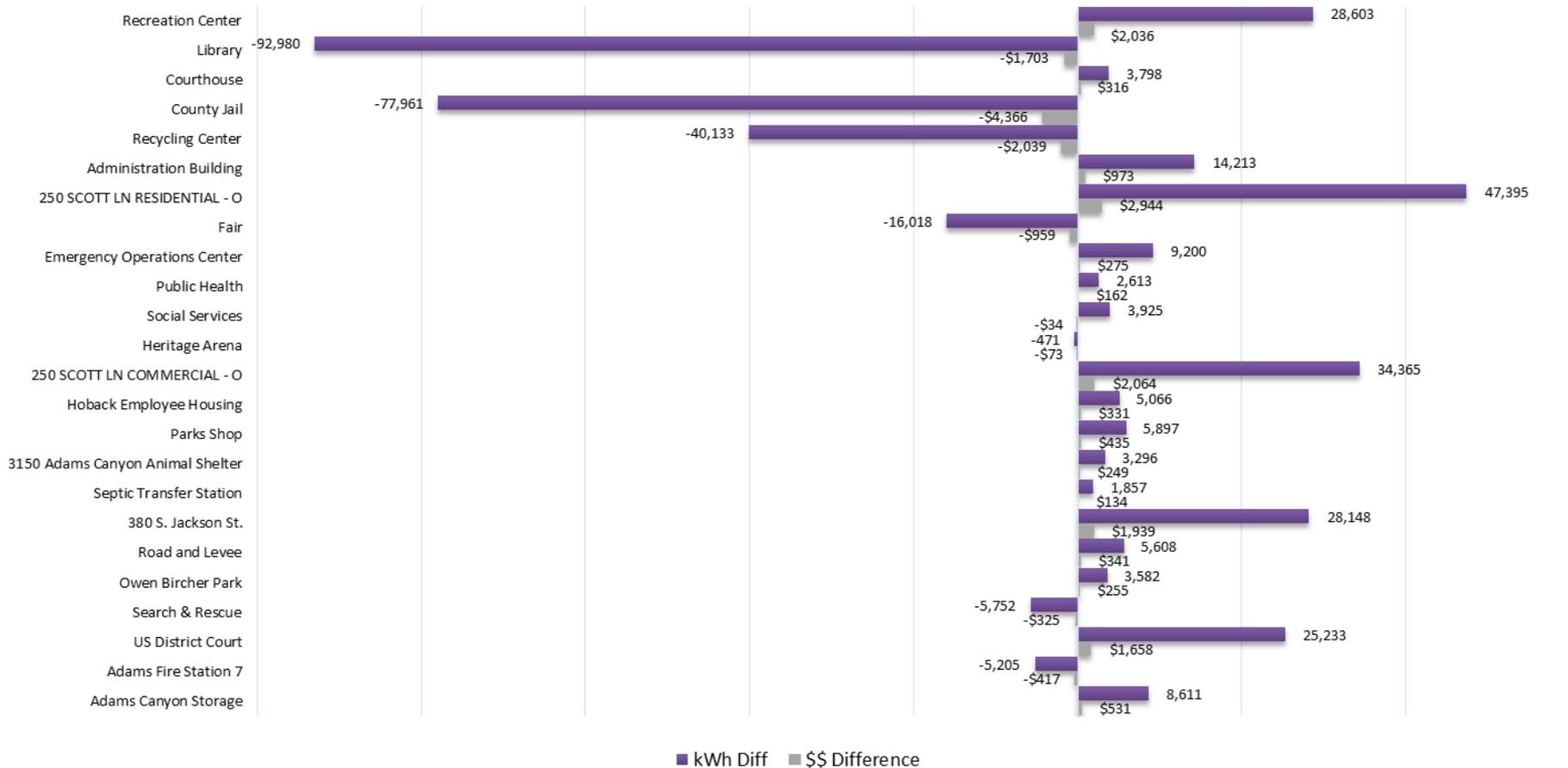
% Change Cons. & Cost: Q1 - Q3, FY 15-16 Compared to Same Period Previous Year



➤ At the end of Q3, FY 15-16, organisation wide electricity consumption had increased by 0% compared to same period previous year



## Cons. & Cost Difference: Q1 - Q3, FY 15-16 Compared to Same Period Previous Year

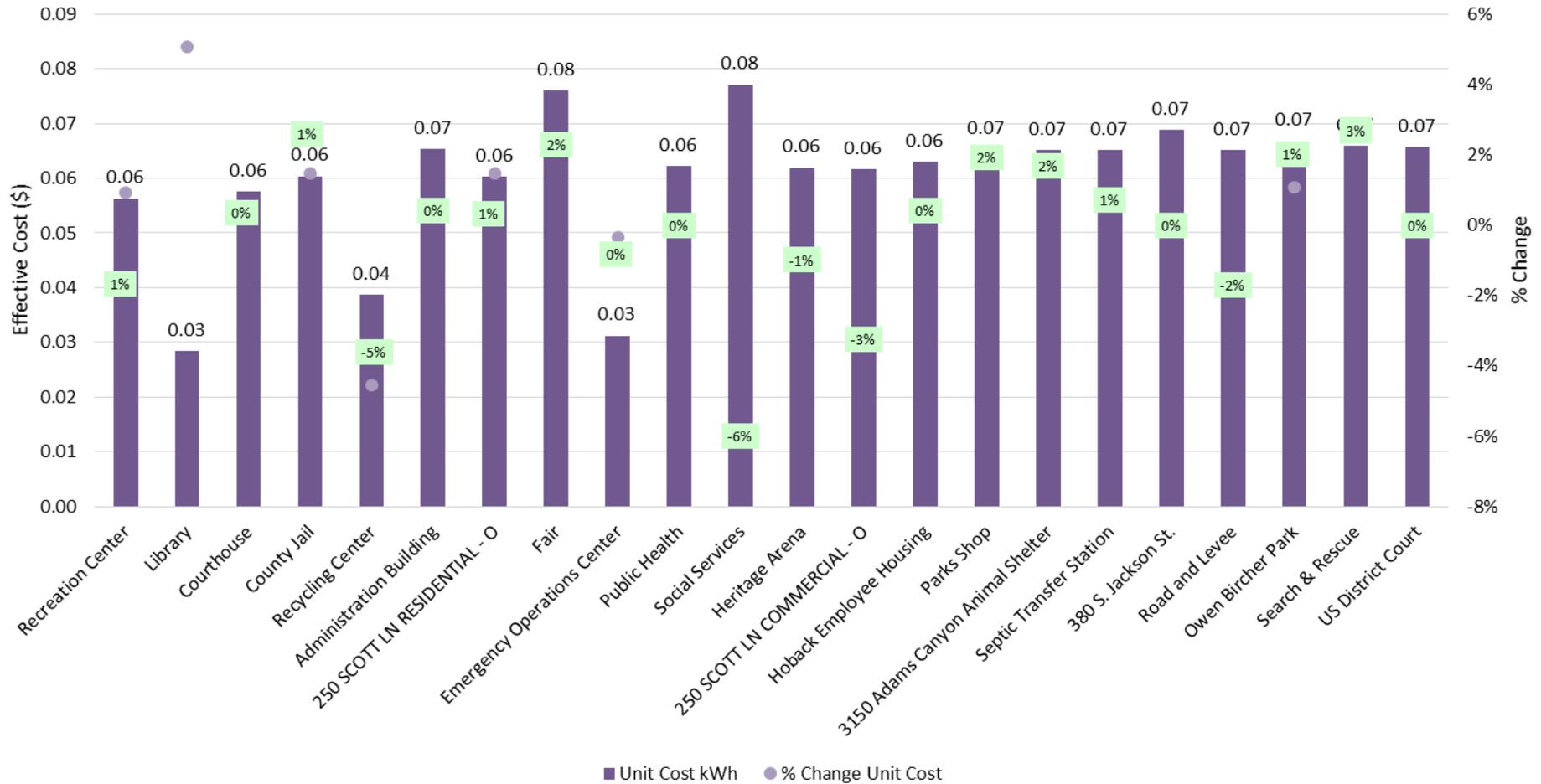


➤ At the end of Q3, FY 15-16, organisation wide electricity costs had increased by \$9K compared to same period previous year



5%

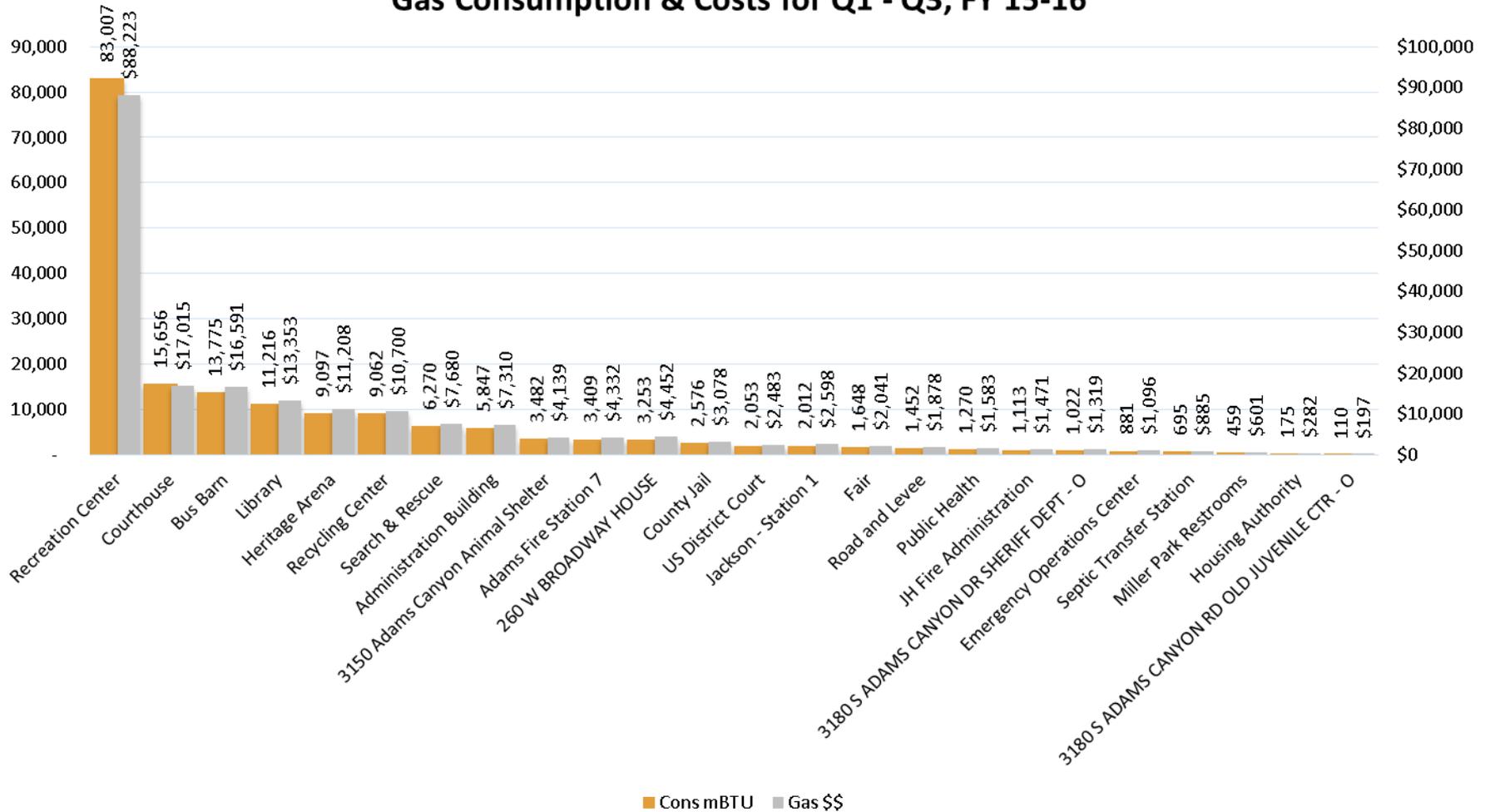
Effective Cost of Power: Q1 - Q3, FY 15-16 Compared to Same Period Previous Year



- At the end of Q3, FY 15-16, the average effective cost of power was 6c per kWh
- This was a 4% increase compared to the same period previous year



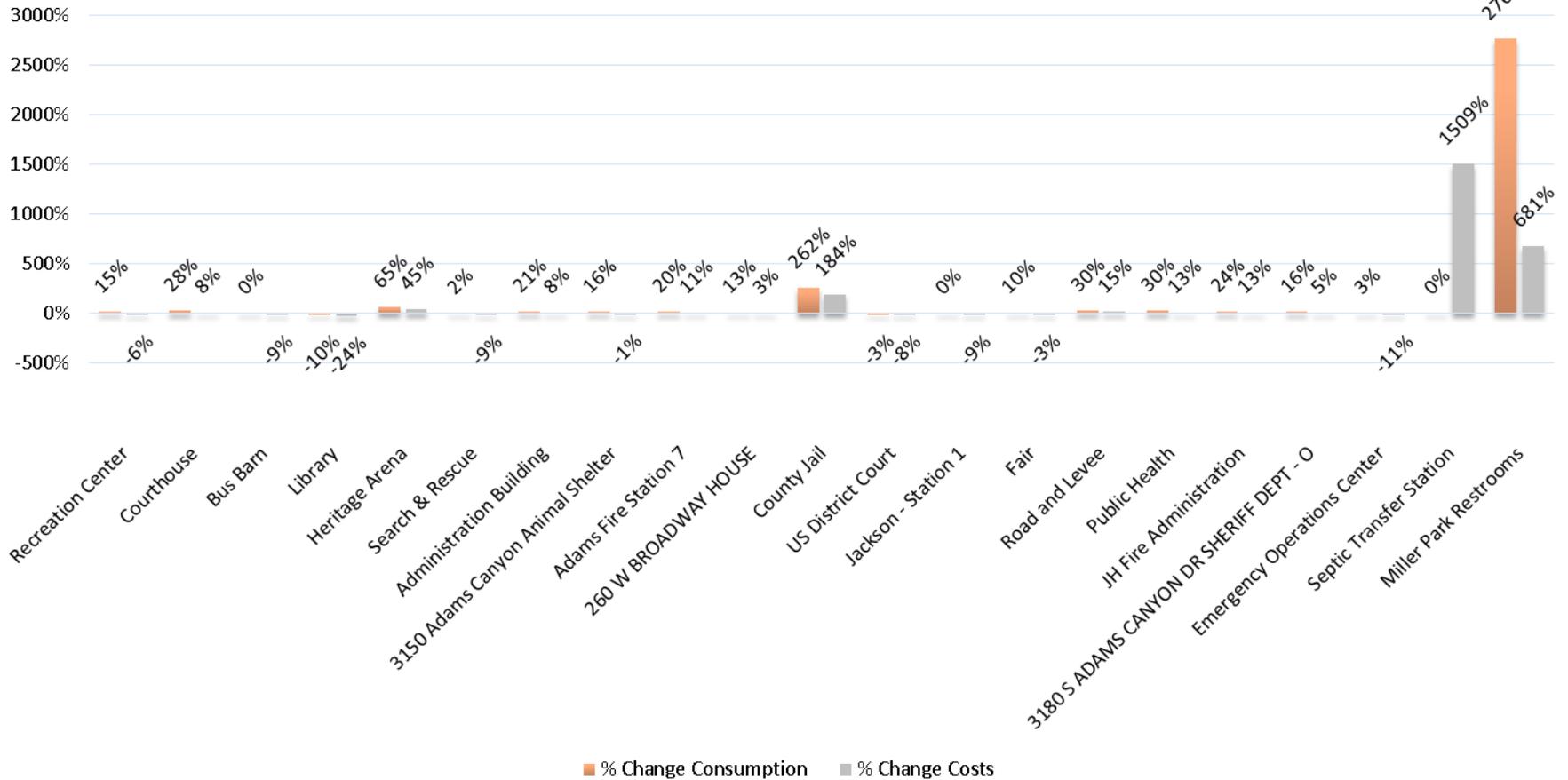
### Gas Consumption & Costs for Q1 - Q3, FY 15-16



➤ Expenditure for natural gas at the end of March 2016 was \$204K



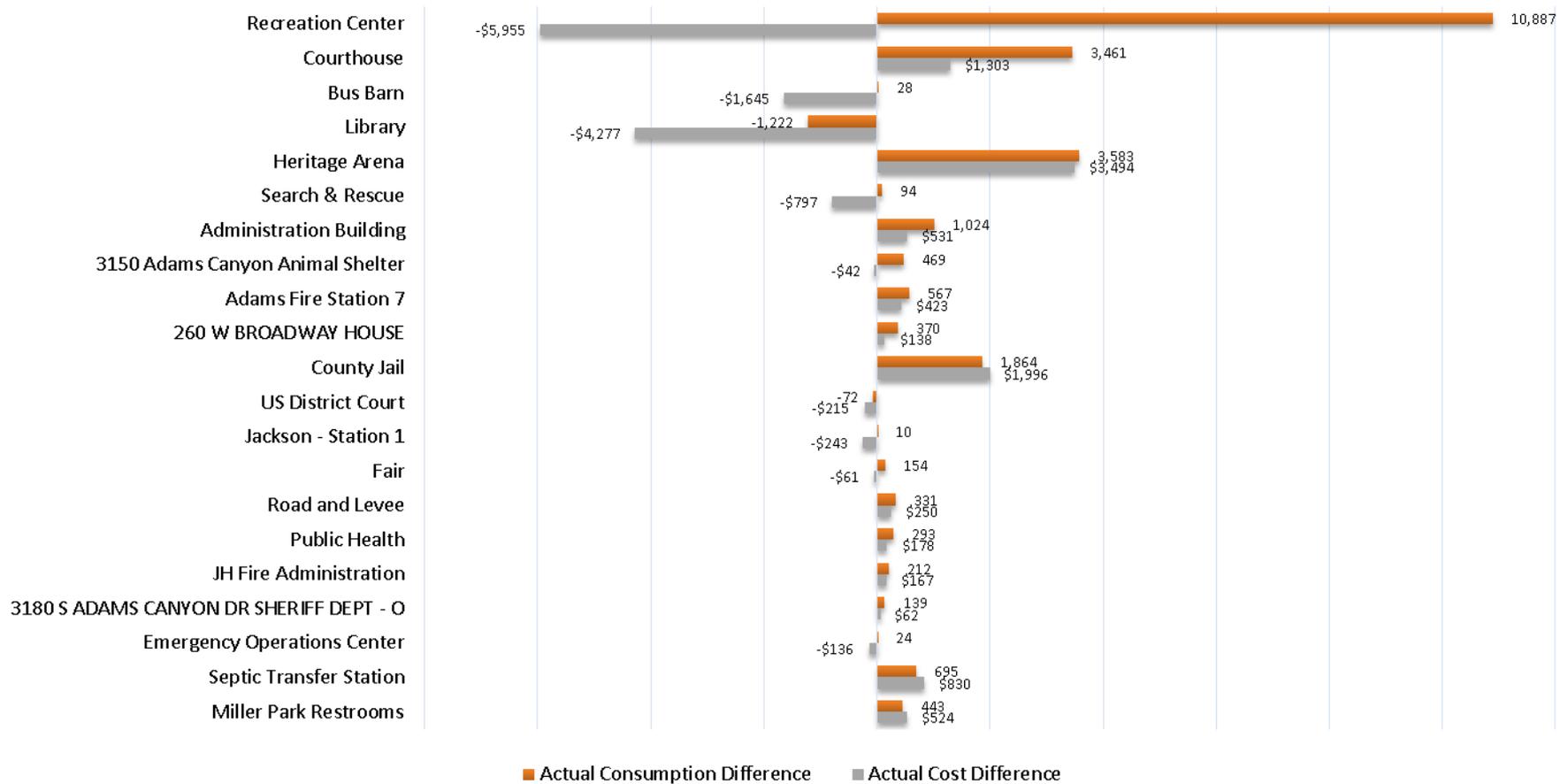
### % Change Cons. & Cost: Q1 - Q3, FY 15-16 Compared to Same Period Previous Year



➤ At the end of Q3, 2015-16 natural gas consumption had increased by 12%



## Cons. & Cost Difference: Q1 - Q3, FY 15-16 Compared to Same Period Previous Year



➤ At the end of Q1, 2015-16 the expenditure on natural gas went down by \$10K



- 23 measures attributed to Teton County's annual abatement in the financial year 2016.
- This created an estimated annual saving of \$23,929.
- The feature measure of the year was the 'High Efficiency Condensing Boilers' at Courthouse. This was Implemented on 1<sup>st</sup> September 2014, and created a financial saving of \$8,703.

<b>Total Amount Invested</b>	\$2,072,352
<b>Number of Measures</b>	23
<b>Total Annual Financial Savings</b>	\$23,929
<b>Total Energy Reduction</b>	0 MBtu
<b>Total Water Reduction</b>	n/a
<b>Total Fuel Reduction</b>	n/a



# End of year reports – Measures, Offsets & Events



## **Anywhere Council**

Measures Summary

Financial Year 2013-2014

- At the end of each Year, Planet Footprint will ask you about the projects that were in progress or implemented during the previous 12 months
- We do this because it is important for you (and us) to understand what work is going on at your organisation that affects energy, water or greenhouse performance
- Communication is a key part of resource management. If you can show the impact made from investments in energy or water efficiency to others in the organisation, you are helping to build the culture of accountability for resource use.



Ref: Organisation Measures Summary AAN 2013-2014 Run on: 2 Apr 2014 at 14:21  
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# Measures Refresher: What does it include?



- ✓ Organisation Measures Report
- ✓ Emissions offset
- ✓ Performance Dashboards & Performance Summaries showing quarterly savings (at all levels)
- ✓ Business as Usual Report (upon request)
- ✓ Project analysis (upon request)
- ✓ Project verification report (upon request)
- ✓ Access to other projects by building type (upon request)
- ✓ An inventory of all the projects or events, their costs and expected savings, resource and emissions saved and emissions offset in [my.planetfootprint.com](http://my.planetfootprint.com)

Date	Name	Asset	\$Cost	\$Saving
Dec 2012	LED Lighting Upgrade (50 Lights replaced)	City Administration Centre	\$3,000	\$1,500
Feb 2013	Co-generation	Lake Samerling Pool	\$200,000	\$25,000
Jan 2013		Queen Library		
Jul 2012	Energy efficient lighting upgrade	NA	\$3,000	\$2,000
Jun 2012	Pedal Cars	NA	\$400	\$0
Jun 2012	Flood water diverted to composting	NA	\$400	\$0
Jun 2012	Switching panel	NA	\$100	\$1,000
Nov 2012	10 kW Solar System	Headwater Gallery	\$3,000	\$1,500
Sep 2012	Vertical Wind Turbine	Council Administration Centre	\$90,000	\$14,000
Sep 2012	Green Roof	Council Chambers	\$100,000	\$24,000
Sep 2012	Hy-LPG tanks on fleet cars	NA	\$500	\$100

Business as Usual  
Annual Electricity Costs & Costs Avoided



# Telling us about your projects



- You have control over the information displayed in your measures reports
- Add or update project details directly through the [my.planetfootprint.com](http://my.planetfootprint.com) portal
- Planet Footprint verifies some of the information you insert to check that it 'makes sense'
- You can also send project details to [support@planetfootprint.com](mailto:support@planetfootprint.com)
- For more information see: <http://help.planetfootprint.com/measures-offsets-events>

The screenshot shows the 'Measure Outline' form in the Planet Footprint system. The left sidebar contains a navigation menu with items: Reports, Analyse, Assets, Interval Data, Manage, Organisation Structure, Assets, Accounts, Measures (highlighted with a yellow arrow), People, and Performance Summaries. The main content area is titled 'Measure Outline' and includes the following fields and options:

- Name:** Lighting Retrofit
- Categories:** Are you recording a Measure, a Business Event or a Carbon Offset? See definition.
  - Measure
  - Business Event
  - Carbon Offset
  - Green Power
- Which performance areas are affected?**
  - Energy
  - Water
  - Fleet
  - Waste
- What kind of work is involved?**
  - Capital Improvement
  - Maintenance & Commissioning
  - Behaviour & Education
- Asset:** Click choose button to set Asset. Main Depot 55 x
- Status:** Draft (dropdown menu with options: Draft, Planned, In Progress, Implemented)
- Implementation Date:**
- Contact Person:**
- Measure Description:** Replaced halogen lights with LED. Estimated 55% reduction in energy use. Contractor: Green Solutions
- Tags:** Add a Tag

Learn about Tags  
Tags have no special meaning in performance reporting, so feel free to add whatever

Savings



# Planet Footprint Contact Details



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