



Energy Manager Tutorial for Business Customers

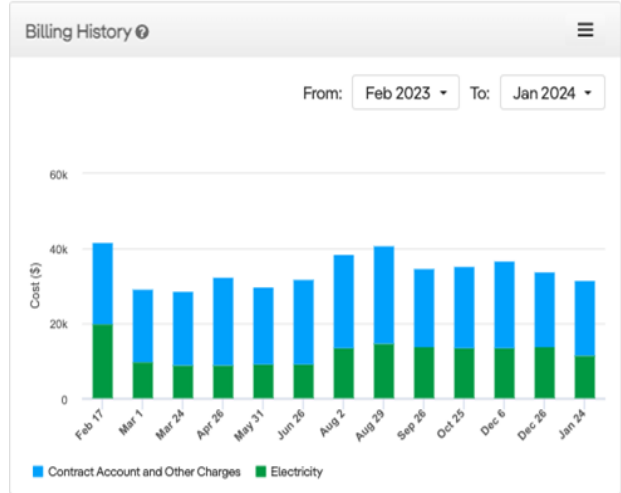
Energy Manager: Sign in to Energy Manager



How Customers Sign into Non-residential Energy Manager

1. Customers can visit the CMP MyAccount site, login and click **“Manage”** to get to portal
2. After successful authentication, the Customer will automatically be directed to the portal. No sign in required

CMP Energy Manager Home Dashboard Screen



Improve Your Insights
Updating your site profile creates more accurate insights. Your site profile is 32% complete. [Read more](#)

Analyze Usage & Charges
We've analyzed your usage. See how and why it changes over time.

Ways to Save
Create a plan and save money by completing your tailored energy saving recommendations.

Click the “Manage” button from the CMP My Account Logged in Dashboard to enter Energy Manager

Welcome back,



There are no reported outages for this address at this time. Outage information is updated as new information is received. You can [report an outage here](#).



Account Summary

Amount Due \$0.00

Past Due \$0.00
Due Date 02/29/2024
Total Account Balance \$0.00

*Your Amount Due may vary from the total Account Balance if you participate in Simple Pay, the Arrears Management Program, or a payment arrangement. **Account Balance may not reflect payments made within the past 24 hours.

Make a payment

View latest bill

Manage payment accounts



Usage Information

Smart Meters provide information about your energy use that you can explore by the hour, day, month, and year. We now have several ways for you to securely access that information and manage your energy use and costs:

Energy Manager

- View your usage in relation to the weather and your bill.
- Manage your use with tips, actions, and goals.
- Compare your use against other typical customers.
- Learn how your appliances and lighting influence your usage.
- Download your data in Green Button XML or CSV format.

Manage



Meter Details

Next Meter Reading and Bill Date 10/02/2024

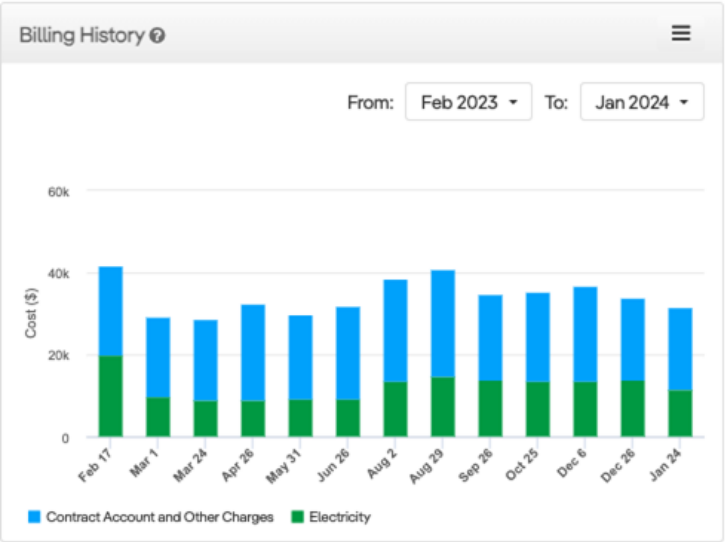
Energy Manager: Portfolio Dashboard Screen



Portfolio Dashboard:

For all facilities associated with their account, customers have access to:

- A **Billing History** view for electricity for all properties
- Facility names and addresses in **Your Locations** tab



Improve Your Insights ⓘ
Updating your site profile creates more accurate insights. Your site profile is 32% complete. [Read more](#)

Analyze Usage & Charges ⓘ
We've analyzed your usage. See how and why it changes over time.

Ways to Save \$
Create a plan and save money by completing your tailored energy saving recommendations.

Your Locations ⓘ

Search Address or Na... ⓘ

Address	Meter Points	Name	# of Contract ID
Property Address	No. Of Meter Points	Property Name	1

Display 10 records per page

Showing 1 to 1 of 1 sites



To access Location-Level data:

- Customers with multiple properties can select a specific building by clicking the Address Link or Name Link in the “Your Locations” section of the Portfolio Dashboard

Your Locations

Search Address or Na...

Address	Meter Points	Name	# of Contract ID
Address 1	1	Property 1 Name	1
Address 2	1	Property 2 Name	1
Address 3	1	Property 3 Name	1

Display 10 records per page

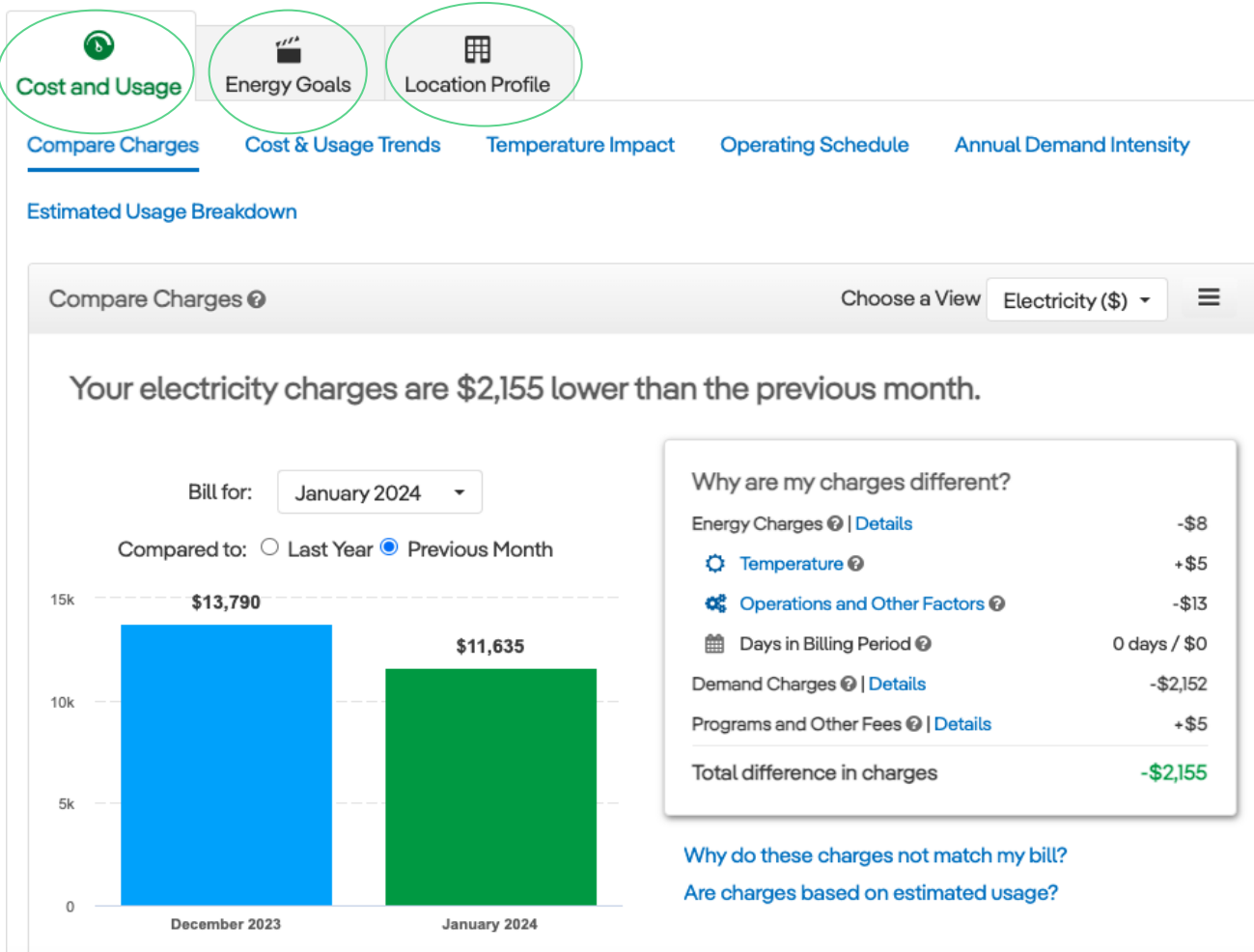
Showing 1 to 3 of 3 sites

Energy Manager: Location Level Tabs



Location Level Tabs:

- **Cost and Usage** Tab that allows customers to see usage trends, temperature impacts, and disaggregated energy usage
- An **Energy Goals** Tab that includes tailored recommendations based on business attributes and usage data
- A **Location Profile** Tab that features customer questions of business attributes that help personalize energy saving recommendations

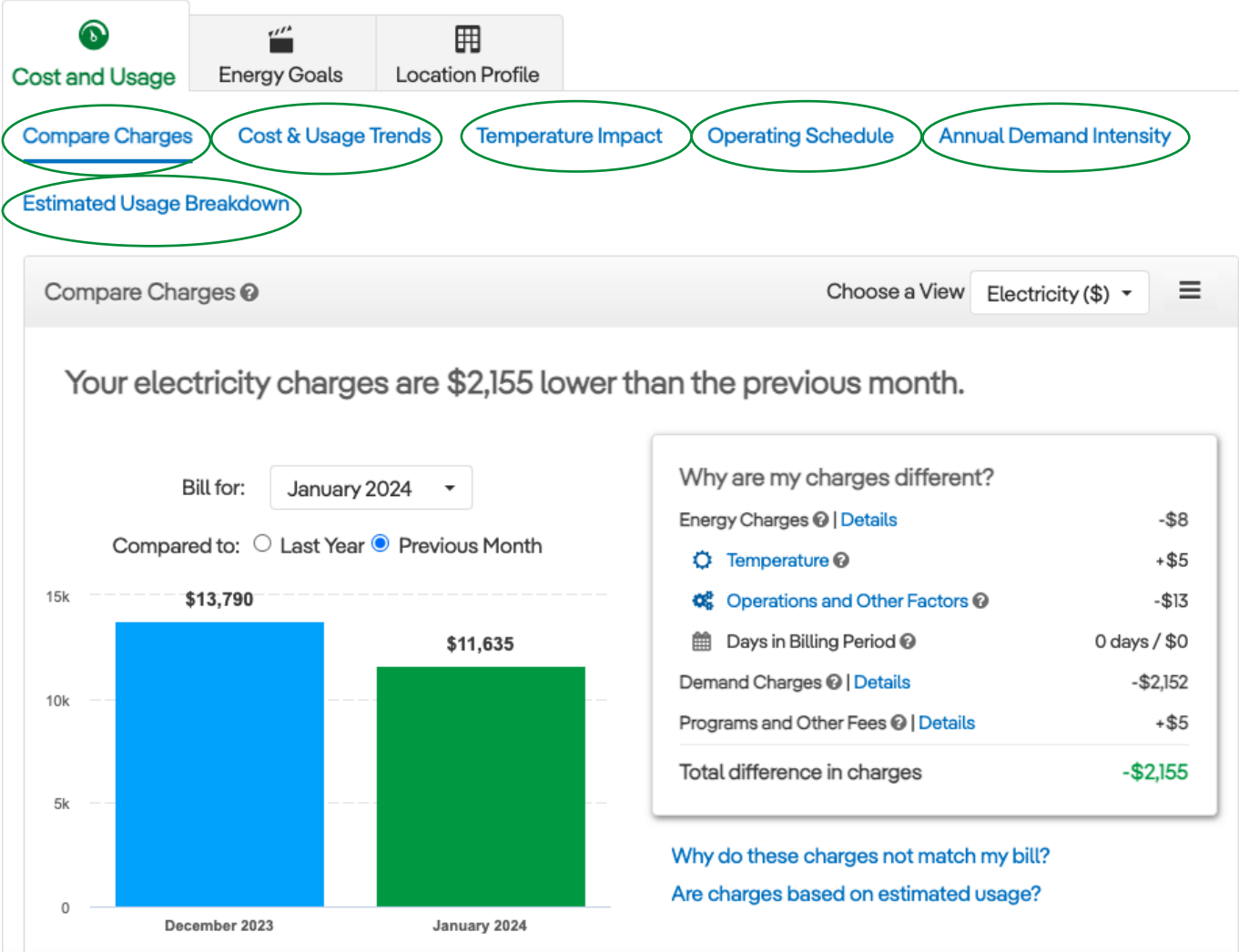


Energy Manager: Cost and Usage Tab



Cost and Usage Tab includes the following features:

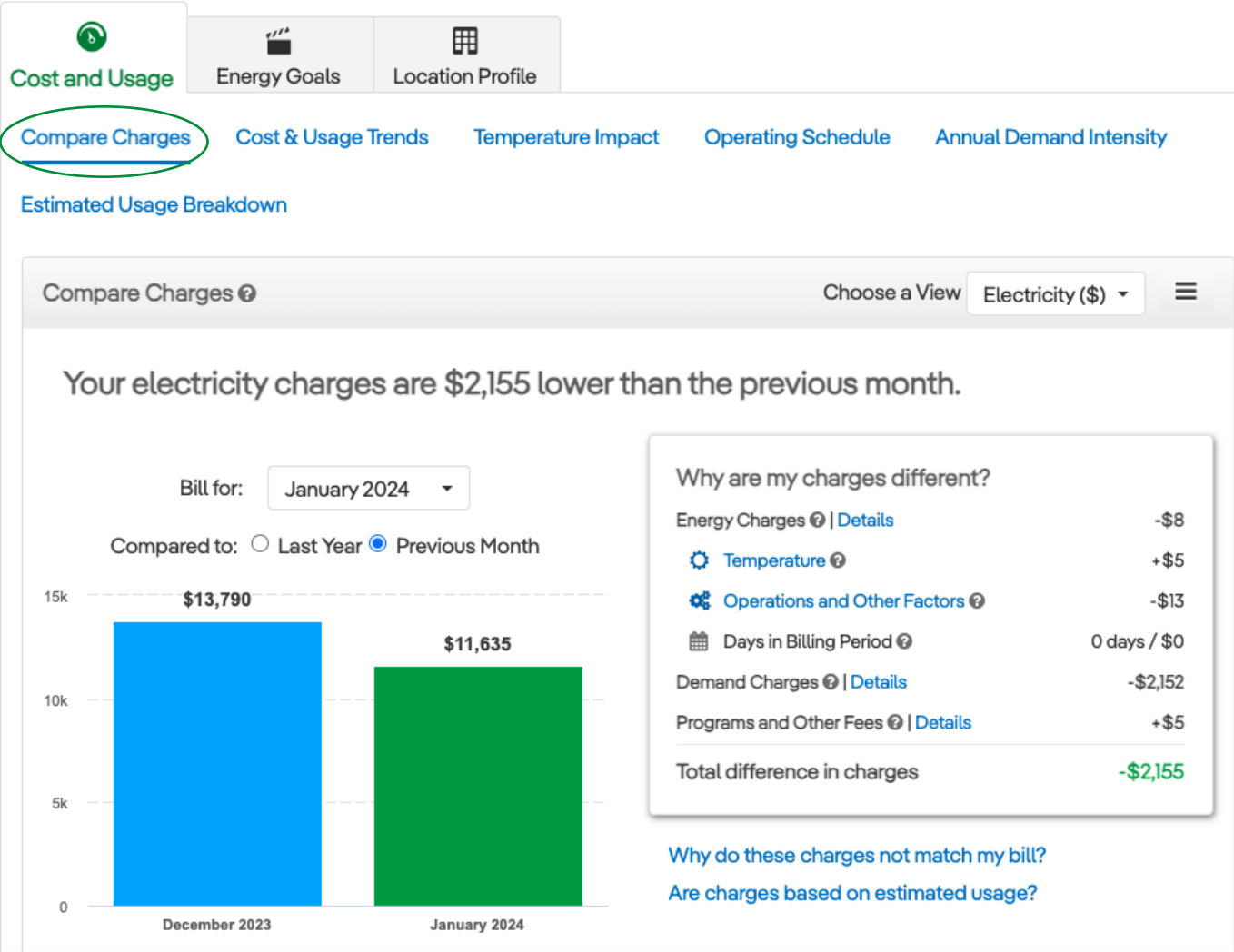
- Compare Charges
- Cost & Usage Trends
- Temperature Impact
- Operating Schedule
- Annual Demand Intensity
- Estimated Usage Breakdown





Compare Charges Feature:

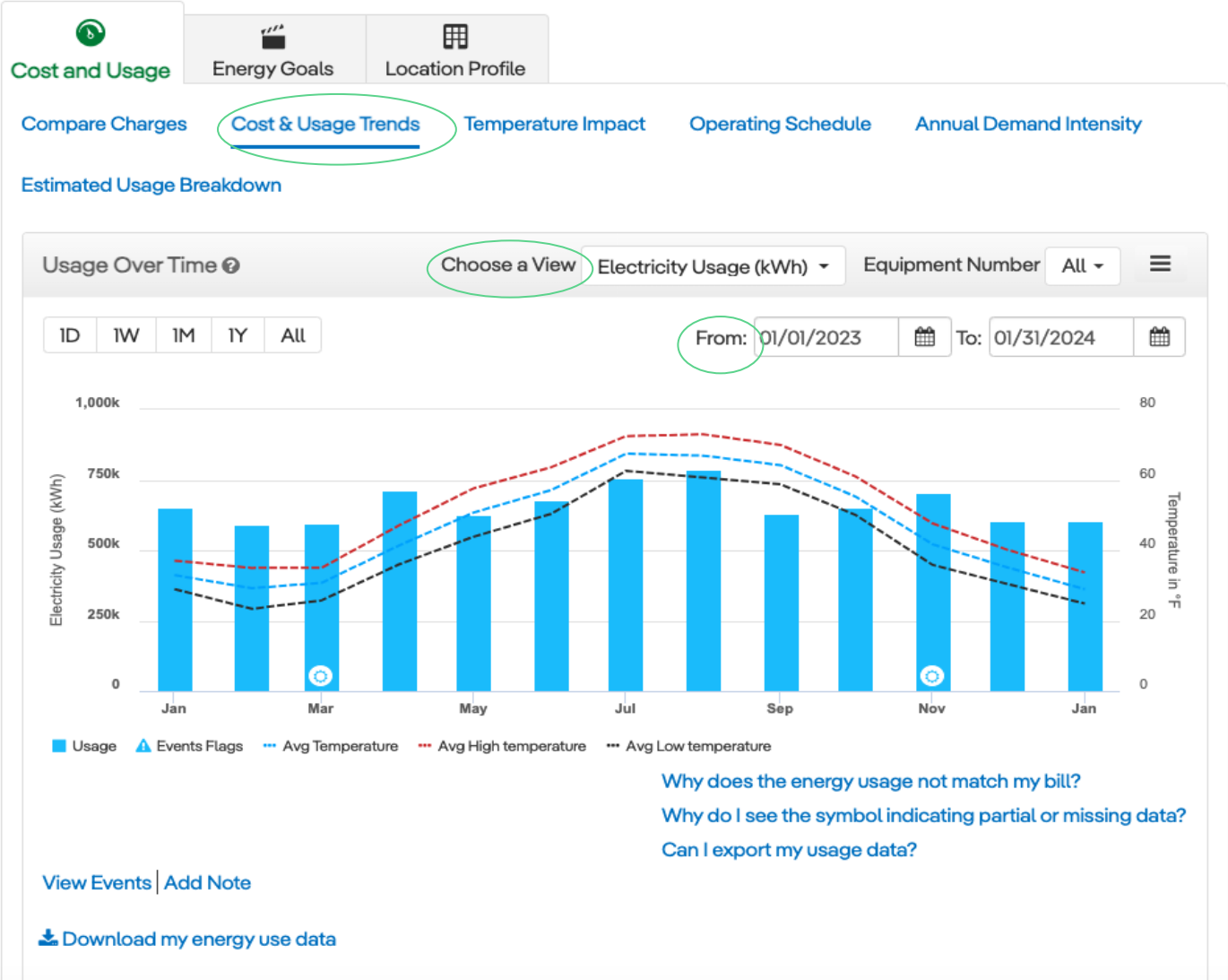
- Customers can select a billing month using a convenient drop-down feature
- Information is available for the previous month or the previous year
- This feature provides customers with insights into billing impacts such as weather, rates, operations, and days in billing period



Energy Manager: Cost and Usage Tab



- Cost and Usage Trends Feature includes:**
- Customers can select views for electricity usage, cost, or demand data by date range
 - Temperature overlays allow customers to see weather impacts on usage and associated costs

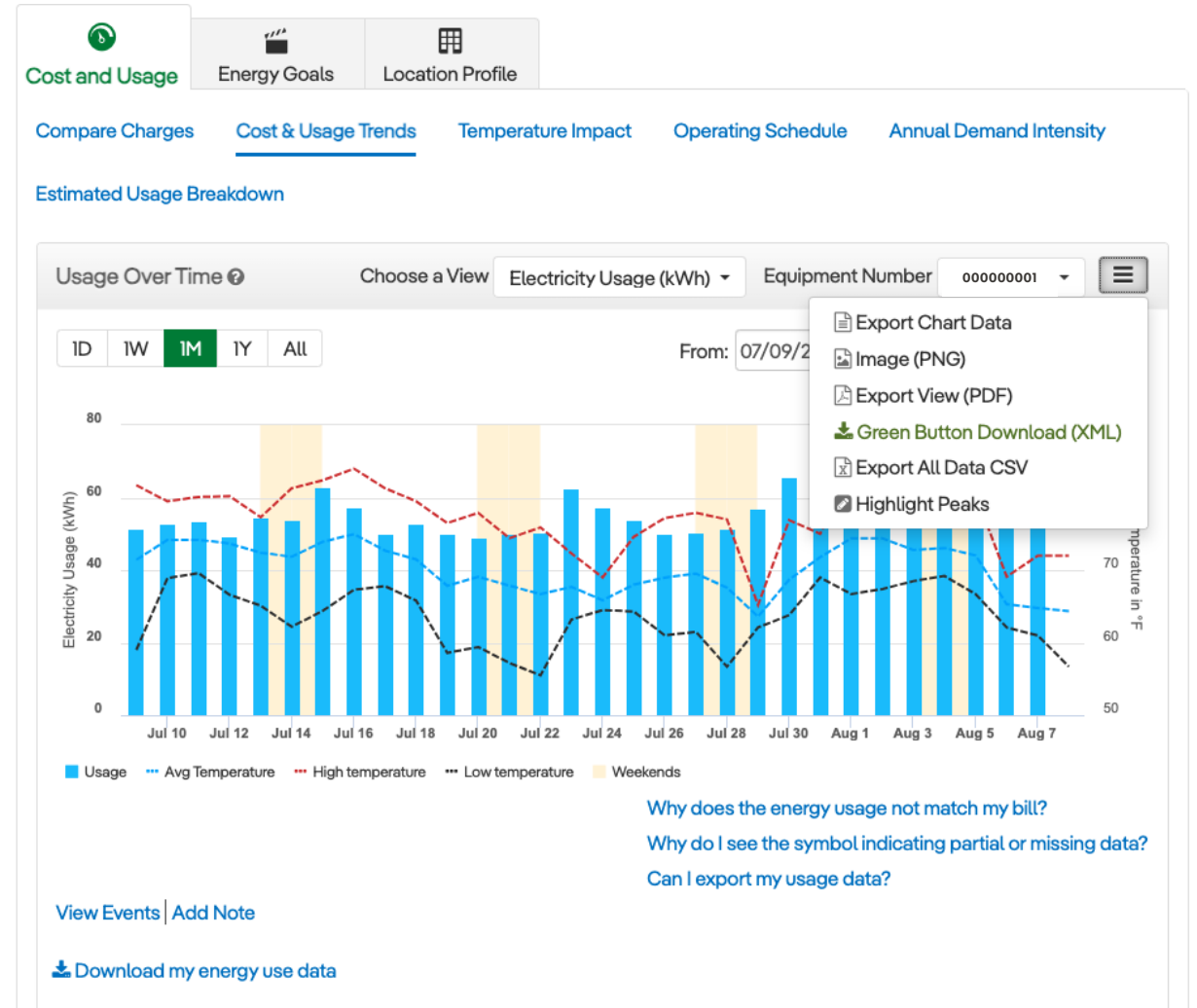


Energy Manager: Cost and Usage Tab



Cost & Usage Display w/AMI Data:

- Historical cost and interval usage to help users visually understand how their usage affects cost throughout the day, week, or month.
- Green Button Download w/AMI Data: On each sub-tab within the Cost and Usage feature, users will be able to export data in a variety of ways including “Green Button Download” which downloads data in XML format

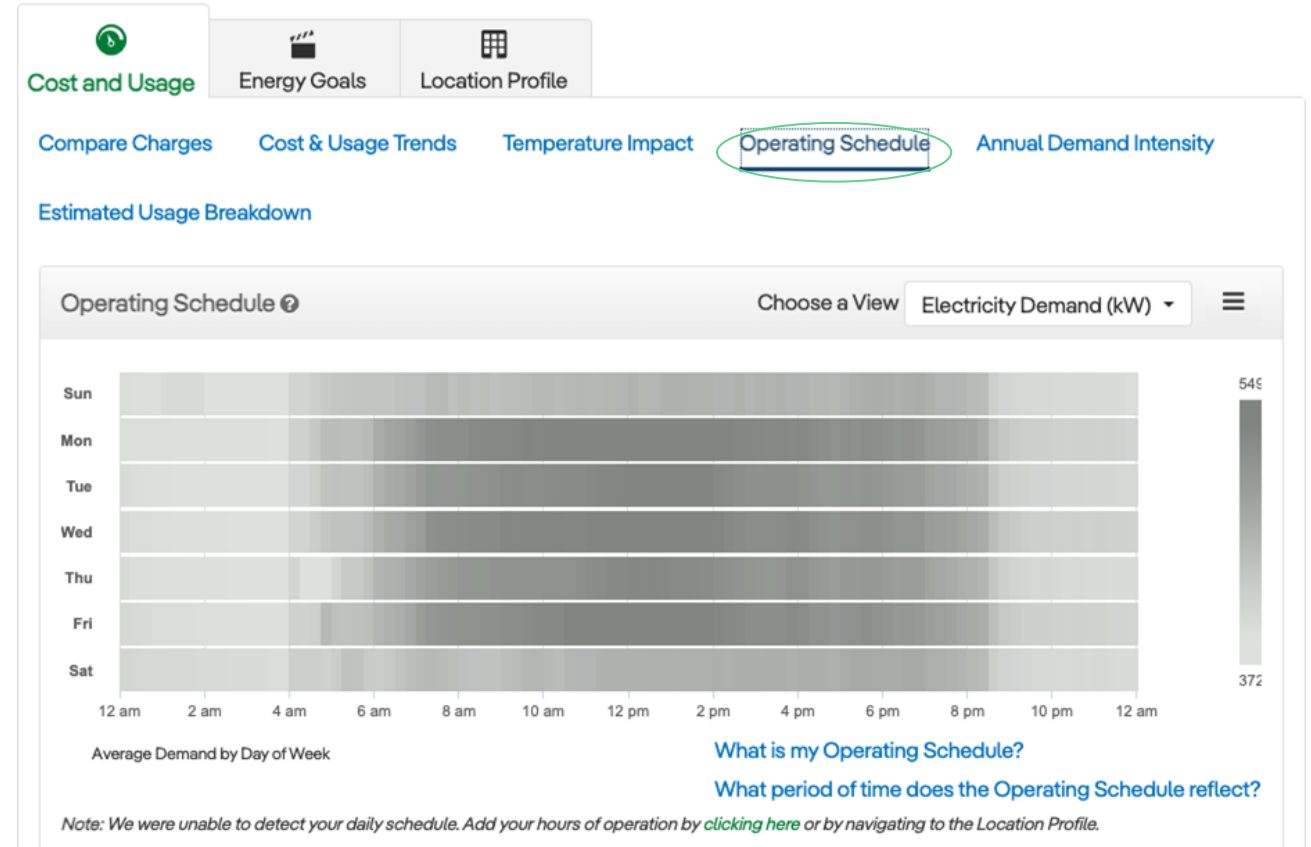


Energy Manager: Cost and Usage Tab



Operating Schedule Chart:

- Overlays the site's operating schedule on a heat map of its average, weekly energy consumption.
- This chart shows when a site's operating system starts and stops relative to its operations impacts and can identify abnormal usage compared to baseline conditions.



Energy Manager: Cost and Usage Tab



Annual Demand Intensity Chart:

- Displays the relationship between building's energy demand and its operations to see operation characteristics and related energy issues – over 24 hours, for each day in the year in a color-coded manner

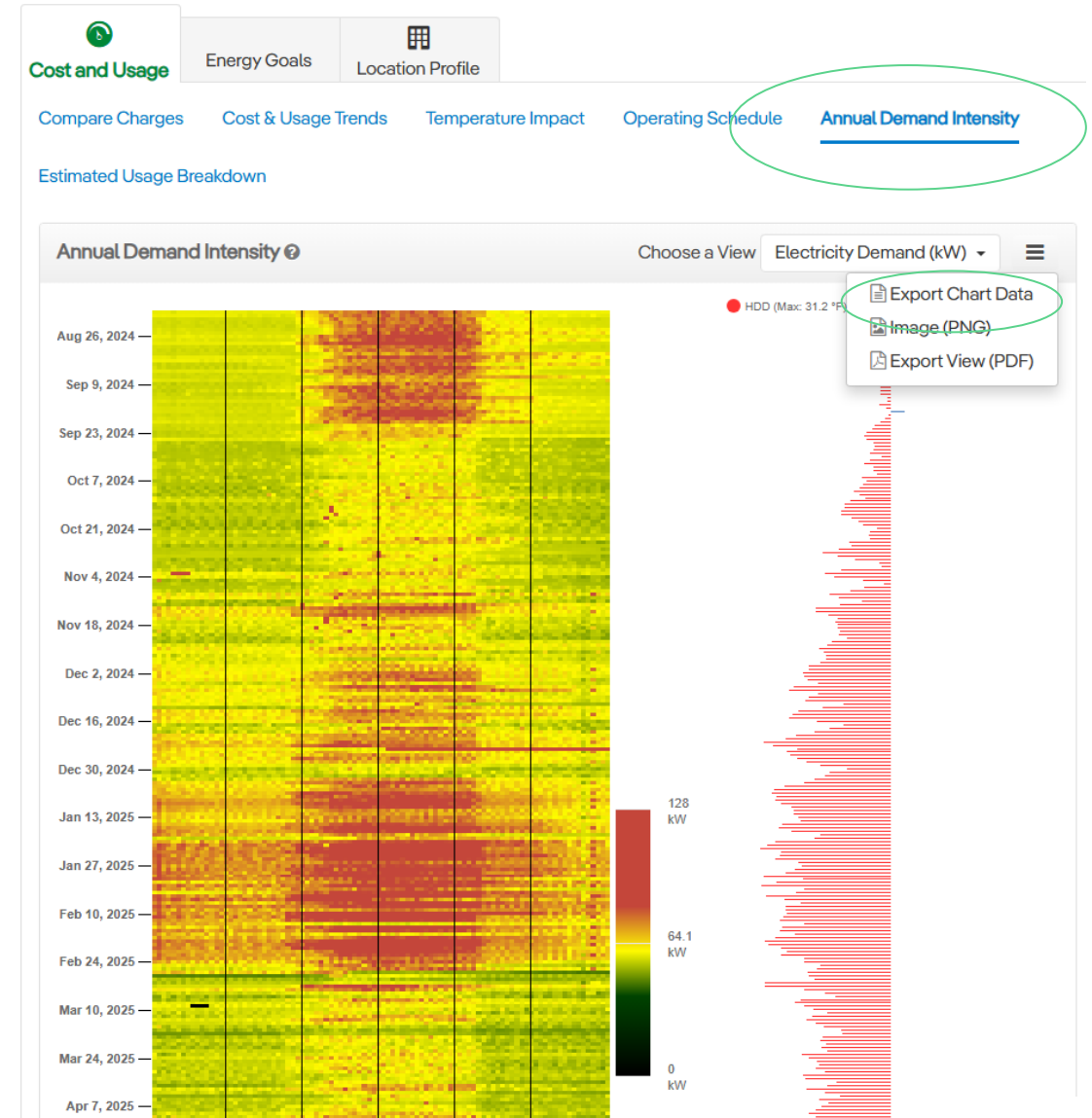


Energy Manager: Cost and Usage Tab



Download Annual Demand Intensity Chart Data:

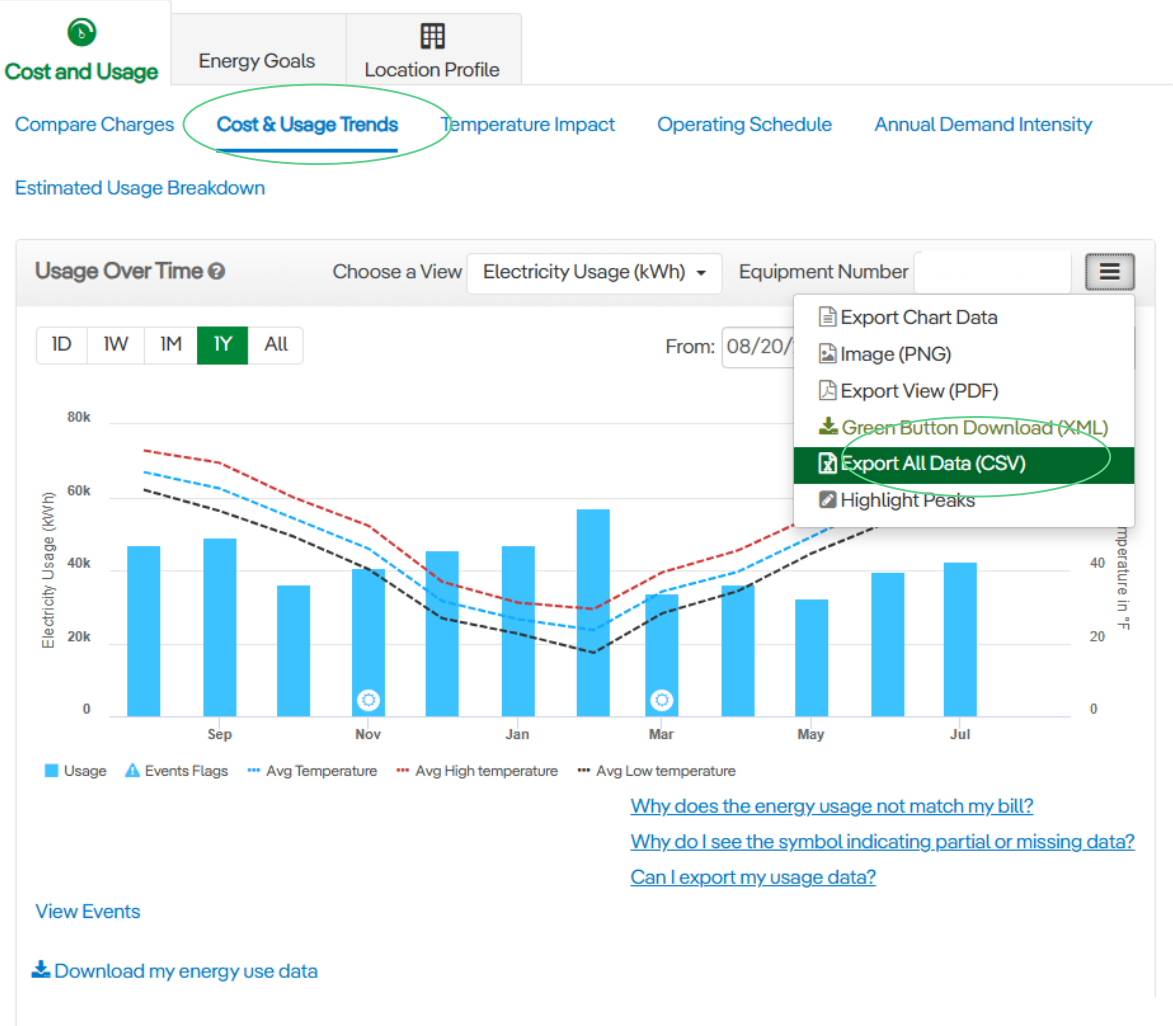
- You can download this chart's data by using the three lines picture on the right-hand side into CSV format.
- Alternatively, you can download all demand and interval data including dates and time in the "Cost & Usage Trends" feature. See next slide for example.



Energy Manager: Cost and Usage Tab



How to Download Interval and Demand Data:



Example Interval and Demand CSV Report:

N5	A	B	C	D	E	F	G	H	I	J
1	Service Agree	Start Date Time	End Date Time	Usage	Usage Unit	Avg. Temperature	Temperature Unit	Event Flags	Peak Demand	Demand Unit
2		7/31/2024 0:00	7/31/2024 0:15	0.77	KWH	71	FAHRENHEIT		3.08	KW
3		7/31/2024 0:15	7/31/2024 0:30	0.06	KWH	71	FAHRENHEIT		0.25	KW
4		7/31/2024 0:30	7/31/2024 0:45	0.46	KWH	71	FAHRENHEIT		1.84	KW
5		7/31/2024 0:45	7/31/2024 1:00	0.49	KWH	71	FAHRENHEIT		1.95	KW
6		7/31/2024 1:00	7/31/2024 1:15	0.06	KWH	70	FAHRENHEIT		0.25	KW
7		7/31/2024 1:15	7/31/2024 1:30	0.06	KWH	70	FAHRENHEIT		0.24	KW
8		7/31/2024 1:30	7/31/2024 1:45	0.78	KWH	70	FAHRENHEIT		3.1	KW
9		7/31/2024 1:45	7/31/2024 2:00	0.06	KWH	70	FAHRENHEIT		0.24	KW
10		7/31/2024 2:00	7/31/2024 2:15	0.06	KWH	69	FAHRENHEIT		0.25	KW
11		7/31/2024 2:15	7/31/2024 2:30	0.33	KWH	69	FAHRENHEIT		1.33	KW
12		7/31/2024 2:30	7/31/2024 2:45	0.6	KWH	69	FAHRENHEIT		2.41	KW
13		7/31/2024 2:45	7/31/2024 3:00	0.06	KWH	69	FAHRENHEIT		0.24	KW
14		7/31/2024 3:00	7/31/2024 3:15	0.06	KWH	70	FAHRENHEIT		0.25	KW
15		7/31/2024 3:15	7/31/2024 3:30	0.76	KWH	70	FAHRENHEIT		3.04	KW
16		7/31/2024 3:30	7/31/2024 3:45	0.06	KWH	70	FAHRENHEIT		0.24	KW
17		7/31/2024 3:45	7/31/2024 4:00	0.06	KWH	70	FAHRENHEIT		0.25	KW
18		7/31/2024 4:00	7/31/2024 4:15	0.13	KWH	70	FAHRENHEIT		0.51	KW
19		7/31/2024 4:15	7/31/2024 4:30	0.79	KWH	70	FAHRENHEIT		3.18	KW
20		7/31/2024 4:30	7/31/2024 4:45	0.06	KWH	70	FAHRENHEIT		0.25	KW
21		7/31/2024 4:45	7/31/2024 5:00	0.79	KWH	70	FAHRENHEIT		3.15	KW

Energy Manager: Cost and Usage Tab



Temperature Impact Feature:

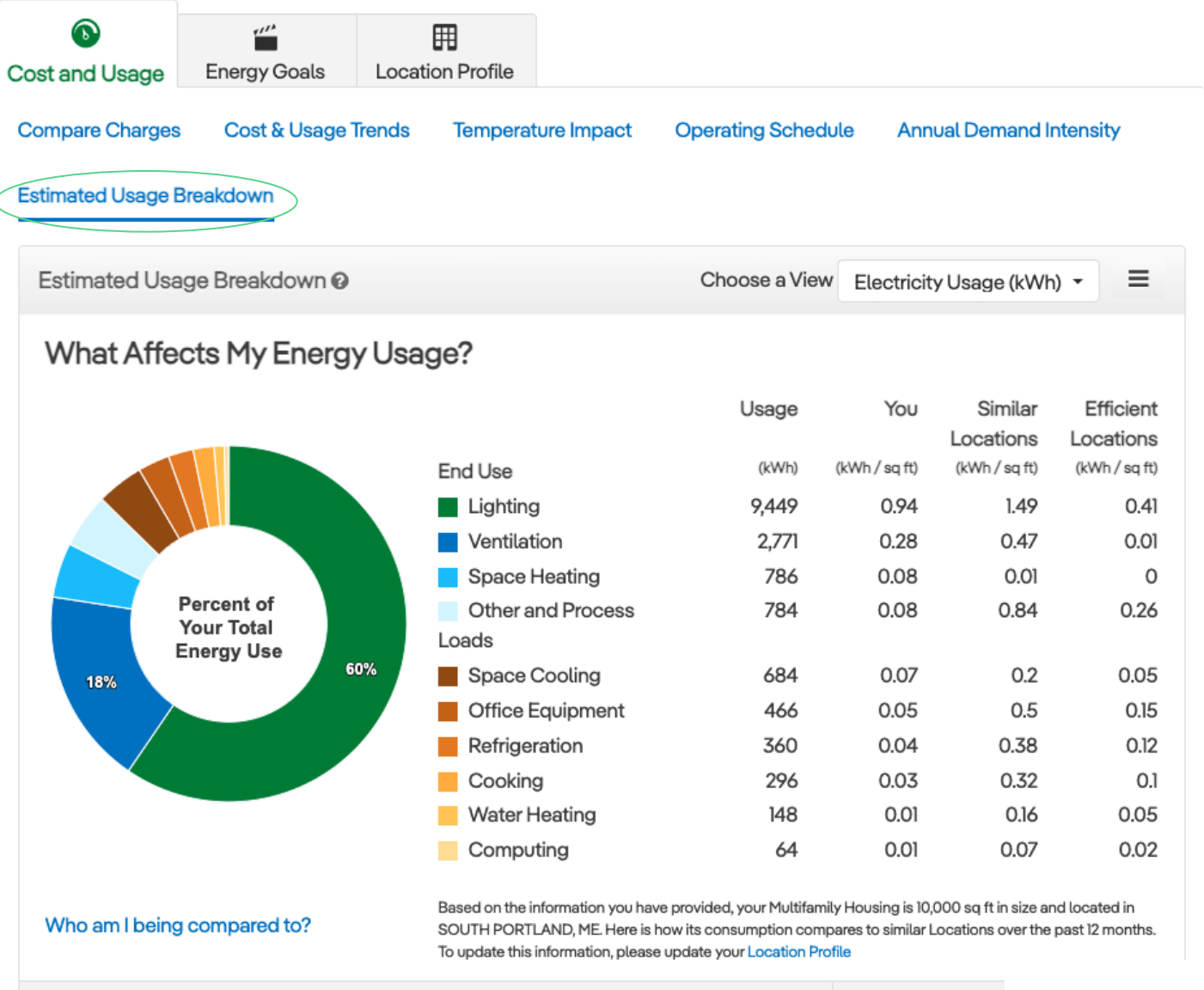
- Customers can select views for electricity data by date range
- Average high/low temperatures displayed to show the effects of weather on usage
- With this feature, customers can identify trends and flag potential anomalies in usage for further investigation





Estimated Usage Breakdown Module includes:

- Customers can view their energy by end use, e.g., lighting, heating, cooling, etc.
- Portal shows comparison of end use energy intensity (kWh/square foot) against similar locations and efficient locations to give customers a quick benchmark
- End use data helps inform tailored and personalized recommendations for customers



Energy Manager: Energy Goals Tab



Energy Goals Feature includes:

- Customers receive personalized and actionable energy saving tips that include energy savings and other insights
- Customers can add recommended actions in “Your Plan”
- Customers can choose to dismiss, add to energy plan, or mark complete their recommended actions.
- Tabs allow users to see which recommendations they’ve selected (Your Plan), or completed

The screenshot shows the 'Energy Goals' tab selected in the top navigation bar, which also includes 'Cost and Usage' and 'Location Profile'. Below the navigation bar, there's a section titled 'Energy Savings Tips' with a 'Sort By: Relevance' dropdown. The first tip is 'Install a programmable or smart thermostat', accompanied by an image of a thermostat. The text describes replacing manual thermostats with seven-day programmable ones. To the right, it shows 'Potential Savings \$6,296 / Year', 'Carbon Savings 80.02 Tonnes / Year', and a 'Payback Period < 1 Year'. Below this tip, there's a 'Why this was recommended?' link and three buttons: 'No Thanks', 'Completed', and 'Add To Plan'. The second tip is 'Install a cool roof', with an image of a house. It explains that in cooling-dominated climates, replacing the roof with reflective coatings can reduce the cooling load. To the right, it shows 'Potential Savings \$4,737 / Year', 'Carbon Savings 60.21 Tonnes / Year', and a 'Payback Period > 5 Years'.

Tip Title	Description	Potential Savings	Carbon Savings	Payback Period
Install a programmable or smart thermostat	Replace manual thermostats with seven-day programmable thermostats. This is an easy fix that allows you to schedule when your heating and cooling should be switched on and off. Time it so...	\$6,296 / Year	80.02 Tonnes / Year	< 1 Year
Install a cool roof	In cooling-dominated climates, when it's time to replace the roof, consider installing a cool roof; these have surface coatings that reflect solar radiation, reduce the cooling load, and can...	\$4,737 / Year	60.21 Tonnes / Year	> 5 Years

Energy Manager: Location Profile Tab



Location Profile Module includes:

- A series of basic and advanced questions engage customers in providing additional inputs into their business attributes (type, size, heating and cooling, hours of operation, etc.)
- Customers can answer questions at their own convenience
- Answers inform tailored and personalized recommendations
- Customers can download a consolidated assessment report with personalized findings

The screenshot shows the 'Location Profile' tab selected in the top navigation bar, which also includes 'Cost and Usage' and 'Energy Goals'. The main heading is 'Tell Us About Your Location'. On the left, there are three sections: 'Basic Questions' (described as questions needed for customized recommendations), 'Advanced Questions' (described as more detailed questions for better insights), and 'Assessment Report' (described as a custom pdf Building Assessment Snapshot). The right side displays the 'Basic Questions' form. It includes a 'Business Details' section with a dropdown menu for 'What is the main business activity at your site?' (currently set to 'Hospital'). Below this is a text box stating: 'We've estimated this information based on what we know about your site. Please review and modify if necessary, as we use this information when analyzing your usage data.' The next question is 'What year was your site built?' with a dropdown menu set to '2018'. This is followed by 'What percentage of the building's usable space was occupied in the last year?' with an empty input field. The final question is 'Do you know exactly how big your site is (m² / sq. ft)?' with radio buttons for 'Yes' (selected) and 'No'. Below this is a section for 'Enter area size' with a text input set to '25500' and a dropdown for 'Area unit' set to 'sq ft'. A final text box repeats the estimation disclaimer.