Budgeting, accruals, and accounting export: EnergyCAP's advanced accounting features



David UlmerChief Product & Technology Officer



Today's ground rules

Lectures are boring - discussions are WAY better!

Ask questions

Help each other - share your experiences and ideas

Participate and provide feedback!



- ✓ Overview of EnergyCAP's Advanced Accounting Features
- ✓ Accounting Export
- ✓ Accruals
- ✓ Budgeting
- ✓ Q&A



Overview of EnergyCAP Advanced Accounting Features

EnergyCAP provides financial-grade features to support accounting workflows

Accounting Export

- Configurable bill approval workflow
- Configurable GL Subcodes
- Separate AP and GL export processes
- Clear bill status indicators

Bill Accruals

- Generate bills to close out financial periods
- Configurable accrual settings
- Leverage historic use/cost trends
- Easy processes to reverse accrual bills

Budgeting

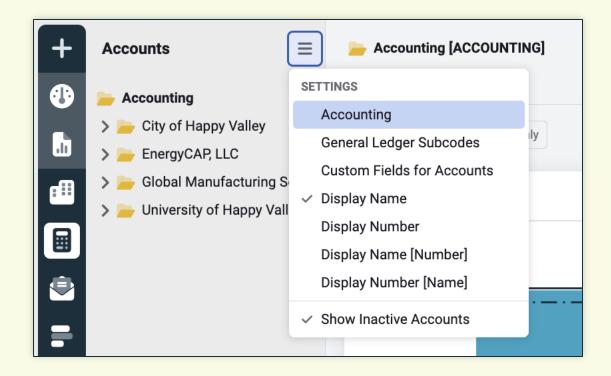
- Create budgets based on historic use/cost trends
- Easily update budget variables
- Save multiple budget versions
- Reforecast during fiscal year

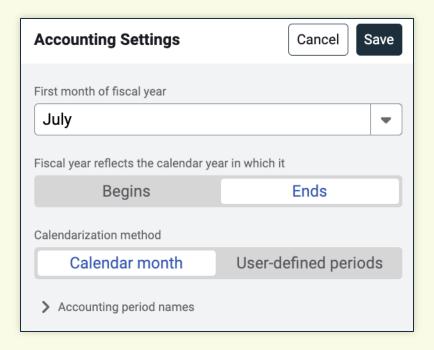
Advanced accounting features are available as UtilityManagement add-on subscription options



Accounting Export

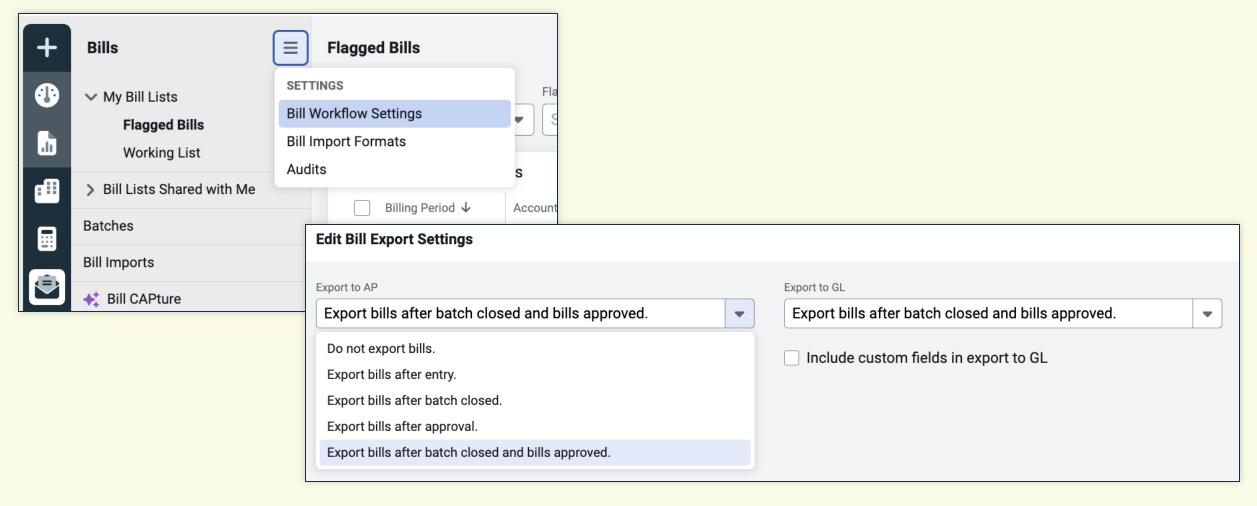
Setup database fiscal year settings





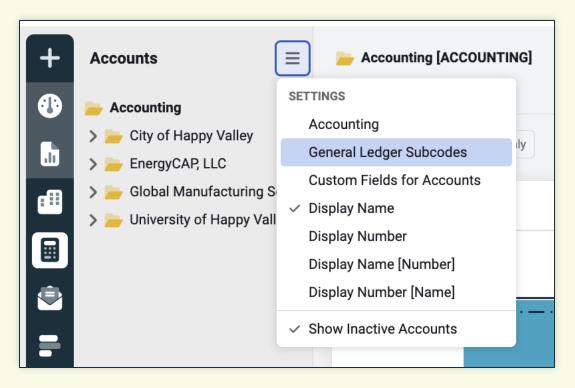
Configurable from the Accounts module menu

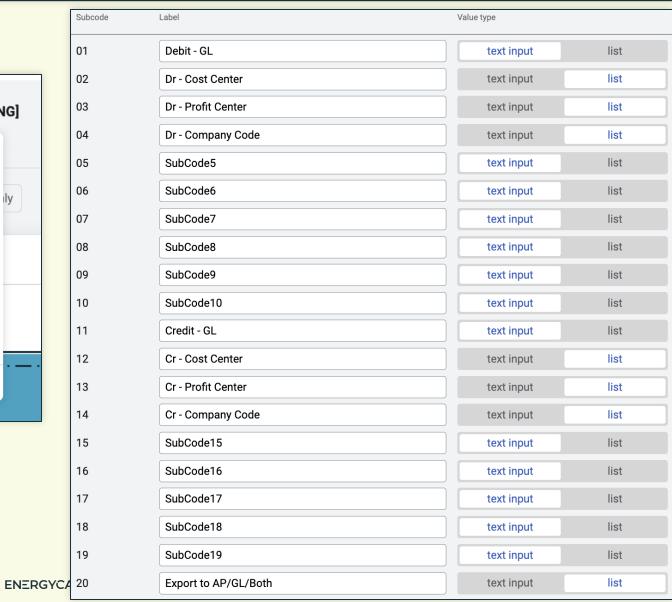
Configure Bill Workflow Settings based on your team's workflow



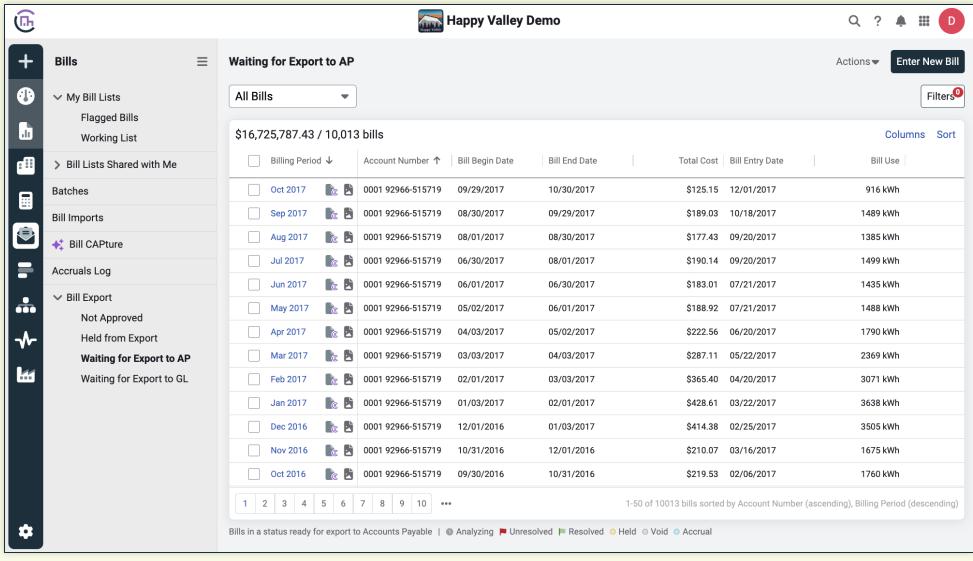
Configurable from the Bills module

General Ledger Subcodes configurable for your organization's needs

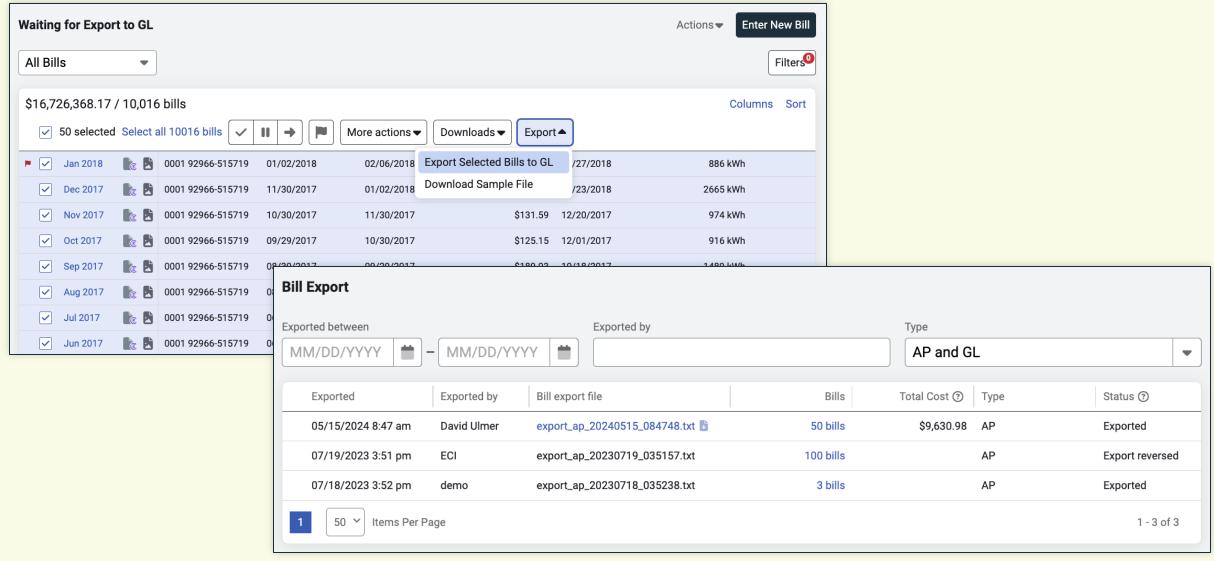




Bills automatically available for export based on workflow settings



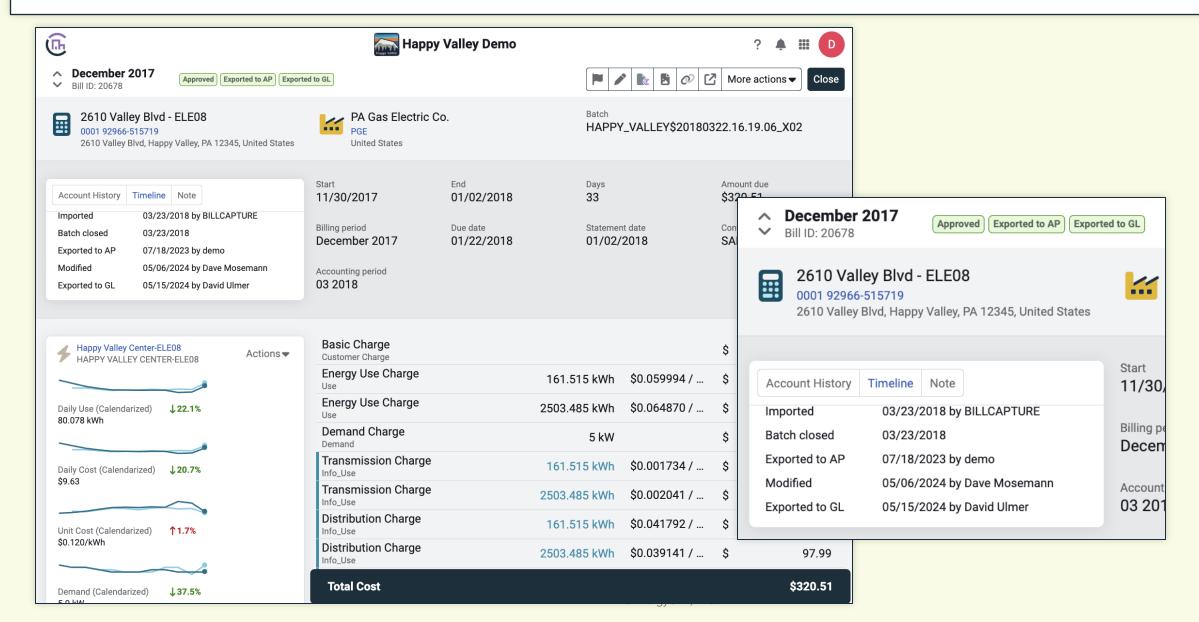
Simple export process with full traceability



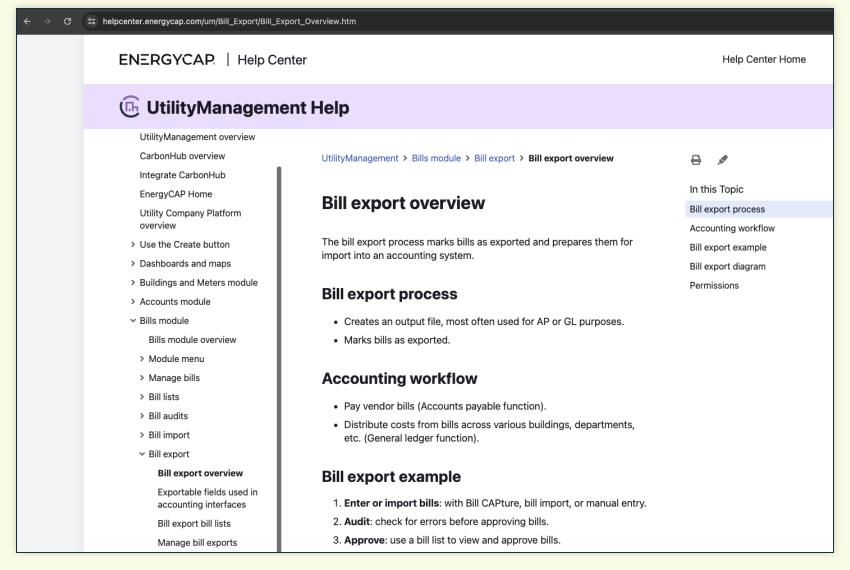
EnergyCAP works with customers to seamlessly integrate with their accounting platforms

- Experienced with dozens of accounting systems and formats
- Automated export available (e.g., nightly batch)
- Format exported bills based on accounting platform requirements
- Options to include bill images and additional account/meter/bill details
- Can automatically reverse export based on downstream processing status

Bills reflect workflow and export statuses



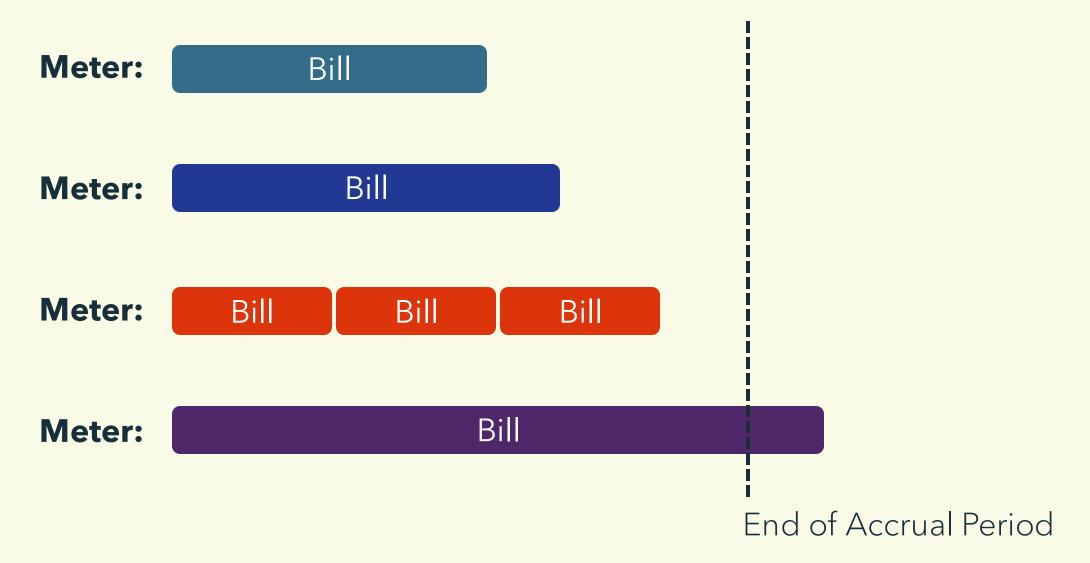
Additional details available in the EnergyCAP Help Center

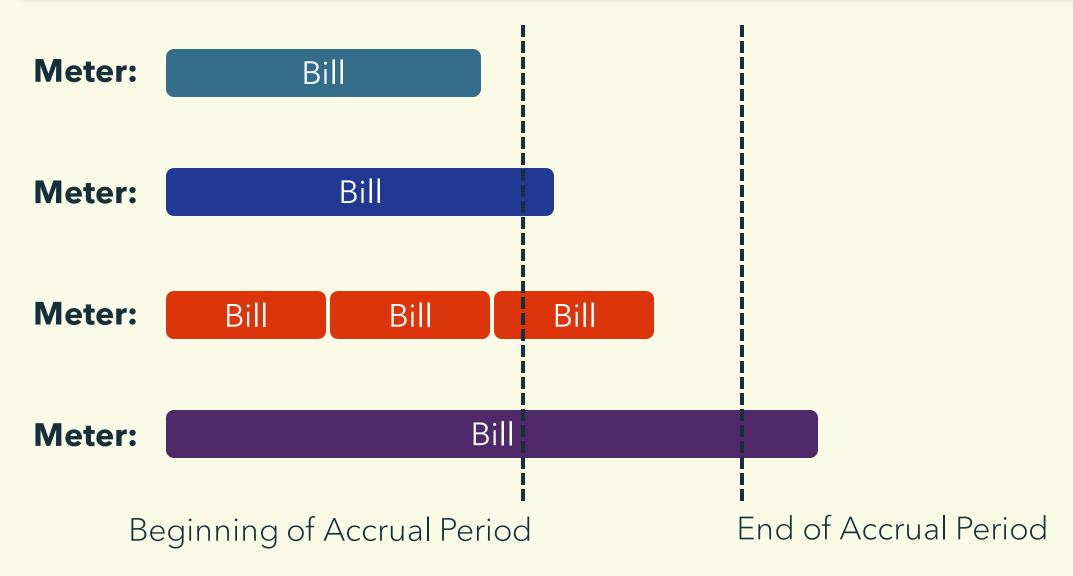


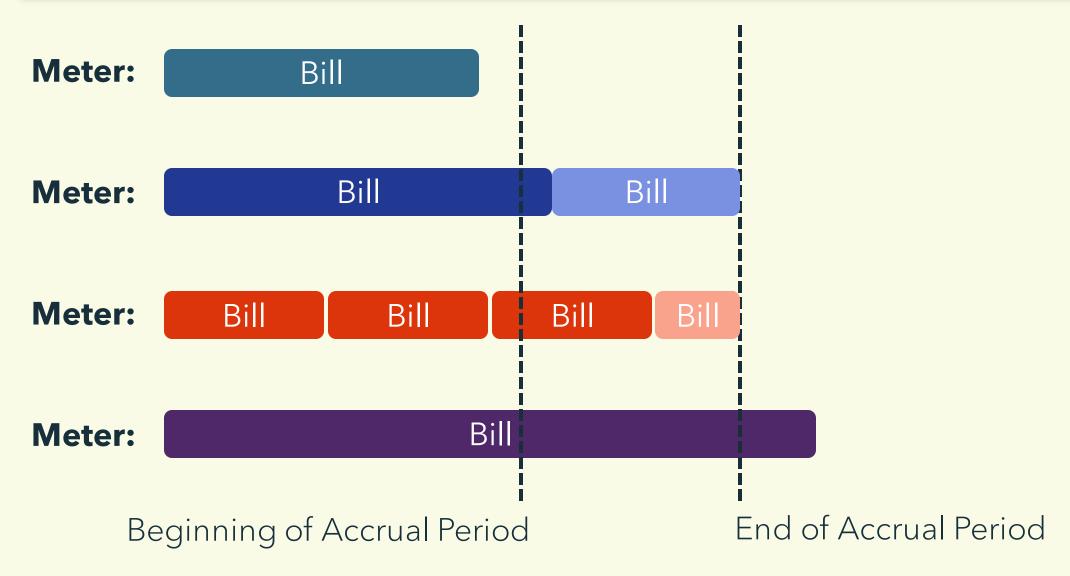


Bill Accruals

| Meter: | Е | Bill | | | |
|--------|------|-------|------|------|--|
| | | D.III | | | |
| Meter: | | Bill | | | |
| Matawa | D:II | D:II | | D:II | |
| Meter: | Bill | Bill | | Bill | |
| | | | | | |
| Meter: | | | Bill | | |







Why create accrual bills?

How does UtilityManagement calculate accrual bills?

- Use is calculated from the **same-month average daily use** (uses last three years as reference)
- Unit cost is calculated from last month's average unit cost (AUC)
- If an account has more than one meter assigned, the accrual engine creates an accrual bill for each of the meters on the account
- Accruals are calculated using the configured system currency

UtilityManagement benefits vs. accounting platform accruals

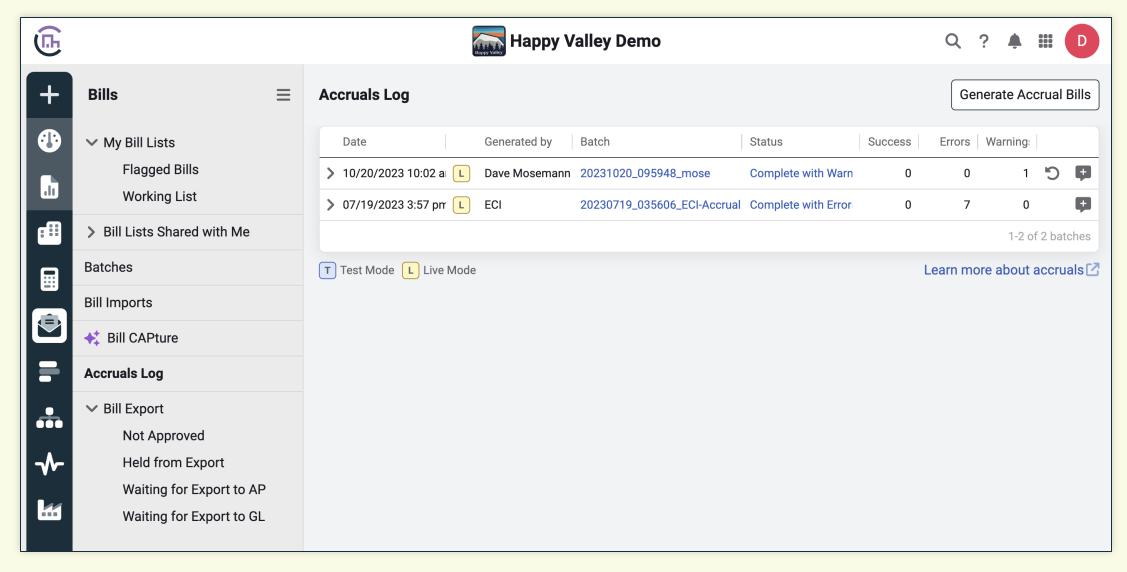
Accounting-only accruals

- Cost-only
- Average cost values, not based on ongoing monthly patterns

UtilityManagement Accrual Bills

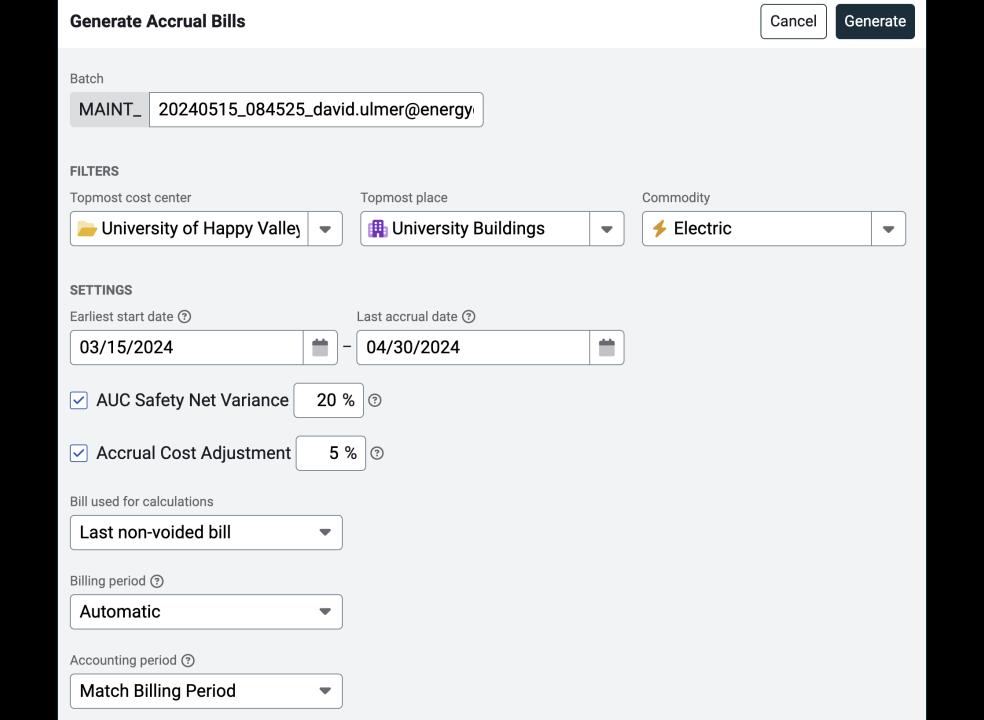
- Use + cost values calculated
- Use is first estimated independent of bill cost
- Unit cost takes advantage of most recent unit costs
- Accruals based on usage patterns from same months in the past

Accruals options/actions available in Bills module

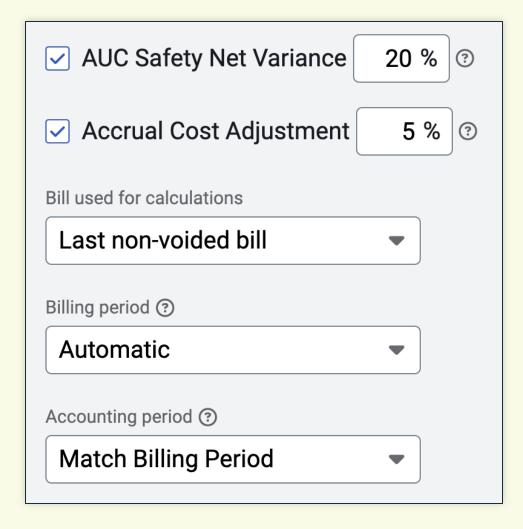


Two modes available: makes testing settings easier (higher confidence)

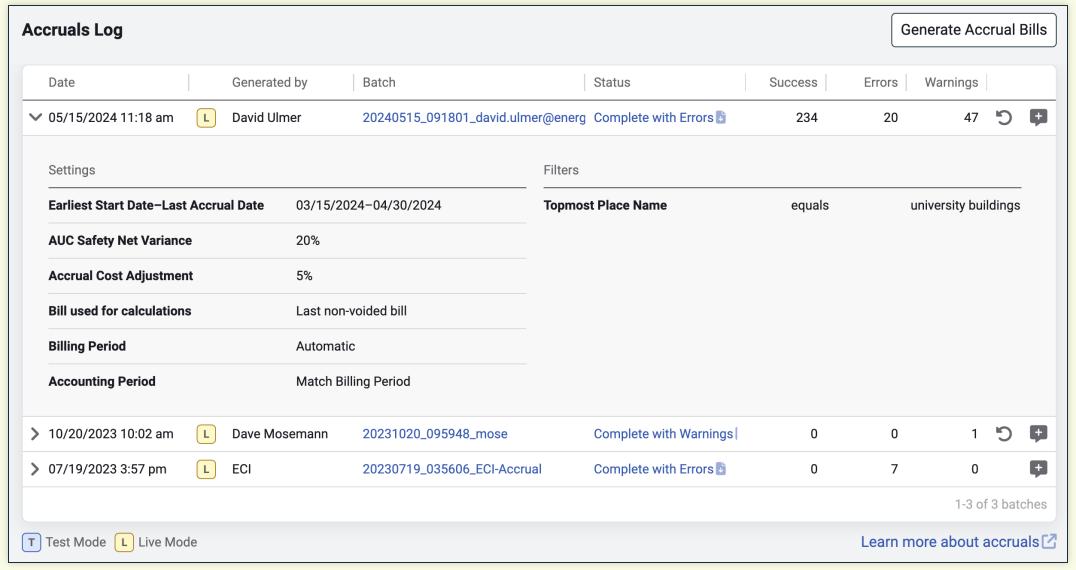
Select mode Test New accrual bills are created in a maintenance batch ("MAINT_") and are approved, voided, and marked as AP exported and GL exported. Live New accrual bills are created as unapproved and unexported bills. (i) Any existing voided accrual bills for the period being calculated are automatically deleted. Continue Cancel



Advanced options available to customize your accrual bills



Robust accruals log with easy reversal options







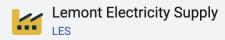




Orchard Field Study House - ELE01

002281239

University Park, PA 16802, United States

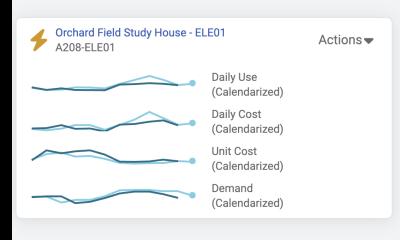


Batch

20240515_091801_david.ulmer@energycap.com

| Account History | Timeline Note | |
|---------------------------|---------------------------|--|
| Current status | Analyzed | |
| Accrual | 05/15/2024 by David Ulmer | |
| Batch closed | 05/15/2024 | |
| Approved | 05/15/2024 by David Ulmer | |
| | | |

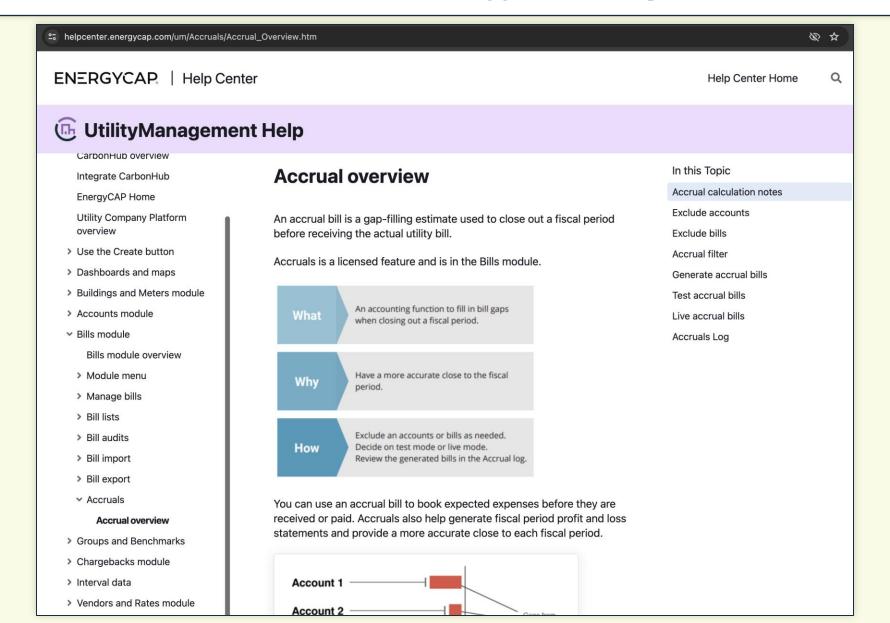
End Start Days Amount due 03/26/2024 05/01/2024 36 \$309.00 Billing period Due date Statement date Accounting period April 2024 05/01/2024 05/01/2024 04 2024



| Meter Subtotal | 3030.4 kWh | \$0.101966 / k | \$ 309.00 |
|--|------------|----------------|--------------|
| Total Cost Total Cost | | | \$ 309.00 |
| Accrual Cost Adjustment Cost: Percent Adjustment | 5 % | | |
| Accrued Cost @ \$0.097/unit | | | \$ 294.28 |
| Accrued Usage Accrued Use | 3030.4 kWh | | |
| Accrual Avg Daily Cost Info_Cost | | | \$ 8.17 |
| Accrual Avg Daily Use Info_Use | 84.2 Value | | |

Total Cost \$309.00

Additional details available in the EnergyCAP Help Center



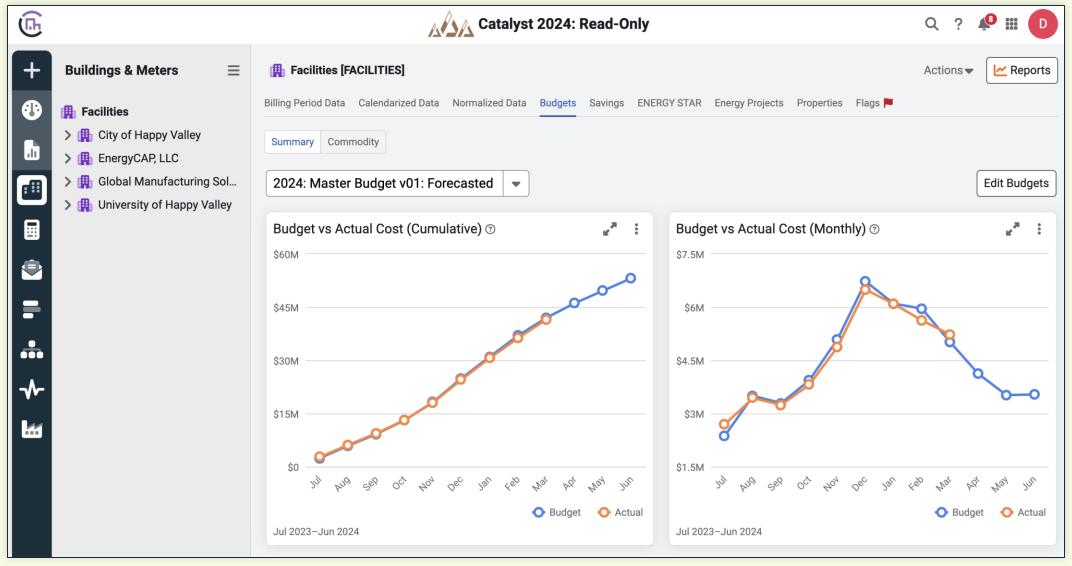


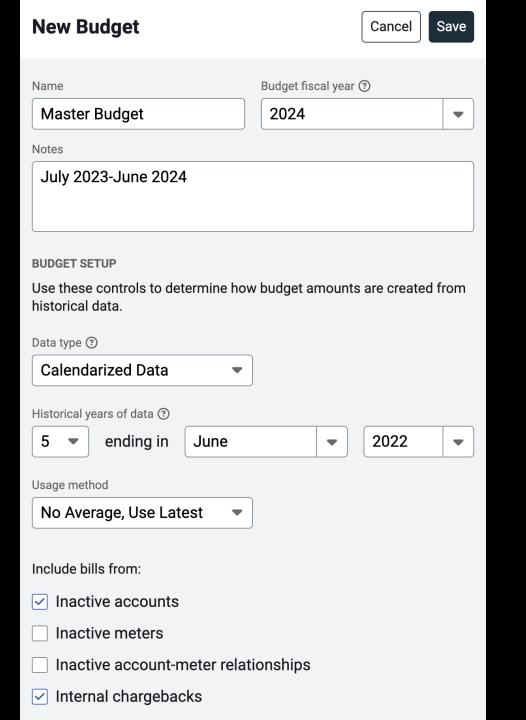
Budgeting

UtilityManagement budgets streamline your budgeting process

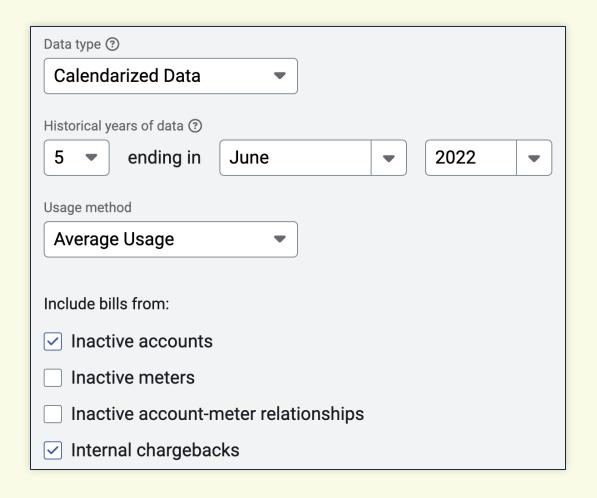
- Use your existing data to help build realistic and meaningful budgets
 - Calendarized use per meter
 - Unit costs from recent bills
 - Weather sensitivity
 - Building size
- Easily update inputs to adjust budget figures
- Multiple people can contribute to the budget
- Save multiple versions to try "what-if scenarios"
- Set specific spending targets and auto-create use adjustments

Dedicated "Budgets" tab in Buildings & Meters module





Multiple options for creating budgets



- Use billing period or calendarized data
- Up to 10 years of history can be included
- Use calculation options
 - Average Use
 - Highest Use
 - Lowest Use
 - Latest Use
- Choose types of data to include in budget

Easily model budget changes in spreadsheets

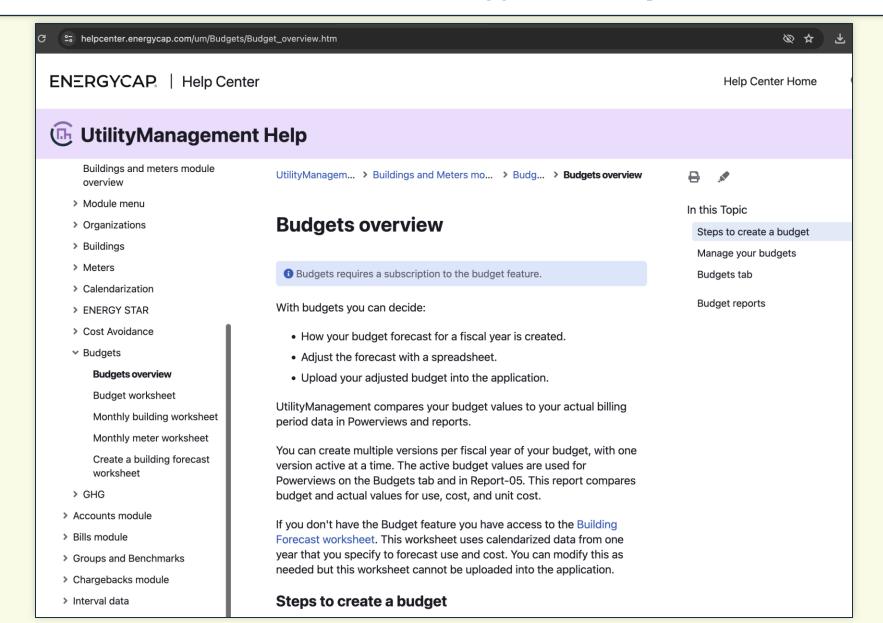
| v01.Forecasted Un | nit Cost Changes Electric (kWh) | | | | | | |
|-------------------|-----------------------------------|---|--|---|---|---|---|
| Building Code | Building Name | Floor Area Changes | Use Changes | Average Unit Cost Changes | New Monthly Commodity Cost | Other fixed costs/adjustments | Budget Total Cost |
| | | Enter percentage of change. Leave at 0% if no change. | Enter percentage of change. Leave at 0% if no change. | Enter percentage of change. Leave at 0% if no change. | New commodity cost based on changes made to use, floor area, and unit cost. | Enter additional fixed costs for your budget. | New monthly commodity cost + other fees |
| | Totals | 5 | | | \$ 2,385,711 | \$ - | \$ 2,385,711 |
| NEU_A086 | Abbott Campus Union | | | | \$ 85,721 | \$ - | \$ 85,721 |
| | July | 0.0% | 0.0% | 0.0% | \$ 6,035 | \$ - | \$ 6,035 |
| | August | 0.0% | 0.0% | 0.0% | \$ 6,518 | \$ - | \$ 6,518 |
| | September | 0.0% | 0.0% | 0.0% | \$ 6,774 | \$ - | \$ 6,77 |
| | October | 0.0% | 0.0% | 0.0% | | | \$ 7,24 |
| | November | 0.0% | 0.0% | 0.0% | · | | \$ 6,63 |
| | December | 0.0% | 0.0% | 0.0% | · | | \$ 6,36 |
| | January | 0.0% | 0.0% | 0.0% | · | • | \$ 6,768 |
| | February | 0.0% | 0.0% | 0.0% | · | • | \$ 7,763 |
| | March | 0.0% | 0.0% | 0.0% | \$ 8,407 | \$ - | \$ 8,40 |
| | April | 0.0% | 0.0% | 0.0% | \$ 8,288 | \$ - | \$ 8,28 |
| | May | 0.0% | 0.0% | 0.0% | \$ 7,750 | \$ - | \$ 7,750 |
| | June | 0.0% | 0.0% | 0.0% | | \$ - | \$ 7,175 |
| TGE_A028 | Academic Greenhouse East | | | | \$ 1,193 | \$ - | \$ 1,193 |
| | July | 0.0% | 0.0% | 0.0% | \$ 67 | \$ - | \$ 6 |
| | August | 0.0% | 0.0% | 0.0% | \$ 68 | \$ - | \$ 6 |
| | September | 0.0% | 0.0% | 0.0% | • | • | \$ 6 |
| | October | 0.0% | 0.0% | 0.0% | \$ 79 | \$ - | \$ 7 |
| | November | 0.0% | 0.0% | 0.0% | \$ 106 | \$ - | \$ 10 |
| | December | 0.0% | 0.0% | 0.0% | \$ 146 | \$ - | \$ 14 |
| | January | 0.0% | 0.0% | 0.0% | \$ 157 | \$ - | \$ 15 |
| | February | 0.0% | 0.0% | 0.0% | \$ 148 | \$ - | \$ 14 |
| | March | 0.0% | 0.0% | 0.0% | - | • | \$ 13 |
| | April | 0.0% | 0.0% | 0.0% | \$ 94 | \$ - | \$ 9 |
| | May | 0.0% | 0.0% | 0.0% | \$ 67 | \$ - | \$ 6 |
| | June | 0.0% | 0.0% | 0.0% | \$ 68 | \$ - | \$ 68 |
| TGW_A027 | Academic Greenhouse West | | | | \$ 1,193 | \$ - | \$ 1,193 |
| | July | 0.0% | 0.0% | 0.0% | \$ 67 | \$ - | \$ 67 |
| | August | 0.0% | 0.0% | 0.0% | \$ 68 | \$ - | \$ 68 |
| | September | 0.0% | 0.0% | 0.0% | \$ 61 | \$ - | \$ 6 |
| | October | 0.0% | 0.0% | 0.0% | \$ 79 | \$ - | \$ 75 |
| | November | 0.0% | 0.0% | 0.0% | \$ 106 | \$ - | \$ 100 |
| | December | 0.0% | 0.0% | 0.0% | \$ 146 | \$ - | \$ 146 |

Visualize and report on each of your budget versions



Budgets Demo

Additional details available in the EnergyCAP Help Center



EnergyCAP provides financial-grade features to support accounting workflows

Accounting Export

- Configurable bill approval workflow
- Configurable GL Subcodes
- Separate AP and GL export processes
- Clear bill status indicators

Bill Accruals

- Generate bills to close out financial periods
- Configurable accrual settings
- Leverage historic use/cost trends
- Easy processes to reverse accrual bills

Budgeting

- Create budgets based on historic use/cost trends
- Easily update budget variables
- Save multiple budget versions
- Reforecast during fiscal year

Advanced accounting features are available as UtilityManagement add-on subscription options

Questions?





Session survey