

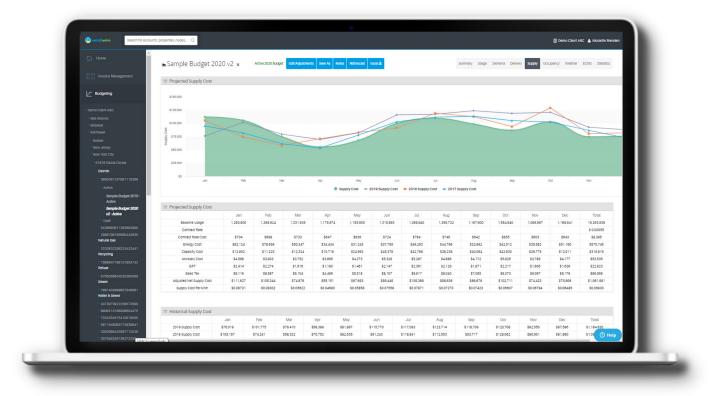
Energy Management Solution



Utility Data BOX's Budgeting Module offers the most comprehensive utility budgeting solution on the market, allowing clients to obtain data-driven, defensible, and accurate forecasts of their energy costs and consumption.

DELIVERY & SUPPLY FORECASTS

Usage and Demand forecasts incorporate historical data, in addition to correlations with weather, occupancy metrics, and/or widget production, allowing for adjustments for business forecasts (occupancy, production) and energy conservation measures. Delivery rates are forecast based on historical T&D rates, while supply rates are based on existing contract structure (when applicable) and market rates thereafter. Supply rates include granular line item forecasts of both hedged and indexed energy, capacity, transmission, ancillaries, losses, and other ISO specific costs.





BUDGETING ADJUSTMENTS

The ability to make adjustments is crucial in energy forecasting, and within Utility Data BOX Budgeting you can make adjustments for Occupancy, Rate Cases, Consumption/Demand (by percentage or absolute adjustments), and Energy Conservations Measures. Custom Rate Adjustments as well as Bulk Upload Adjustments are all possible with Utility Data BOX Budgeting.

ancy Adjustments 😋	Bulk Upload Adjustments			Rate Case Information
	Select an adjustment type on the left to view active adjustments	Month	Delivery Cost %	Rate Case adjustments are flat percer
Conservation O Adjustments	ucive objeamenta	Jan 2018		adjustments that are applied to the deliver
		Feb 2018		These percentage adjustments will be ap after other adjustments.
		Mar 2018		
Adjustments 🗘		Apr 2018		
		May 2018		
tion/		Jun 2018		
djustments		Jul 2018		
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Line Items 😋		Sep 2018		
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ates 🗘		Dec 2018		
			Cancel	Add & Exit
Cancel	Save Adjustments			

BUDGET REFORECASTING

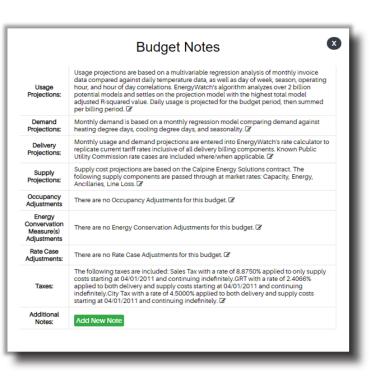
Utility Data BOX budgeting allows for multiple budgets to be created including different assumptions and scenarios to compare impacts quickly and setting final budget as active within the platform. Also within Utility Data BOX Budgeting you can quickly reforecast budgets at any time interval desired (monthly, quarterly, etc.), layering in actual energy usage and costs for past budget months.

Home	Sample Bu	dget 2020	V2 x Activ	e 2020 Budget 🚺	tots Adjustments	Seve As Notes	Reforecent E	de la contra	Summe	y Usepe Der	nend Delivery	Supply Occur	ancy Weather	ECMS Statistics	
22 Invoice Management	C Budget Summ			_					_	_					
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		+Unger 12 +Onlowy C													
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BUDGETING NOTES

Utility Data BOX budgeting has a prepopulated notes section that can be updated to include narrative on how the budgets were calculated and what assumptions and factors were used in calculating the budgets.



BUDGET VARIANCE REPORTING

Utility Data BOX budgeting includes comprehensive variance reporting to allow for a detailed reconciliation of the components that are impacting the accuracy of the budgets.

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Home	in Reporting 0	T facetion selected v T faceton selected P Dec 2019 C Transferred Run
invoice	53 Al -	Exercite Control Contr
Management Les ^e Budgeting	Comprehensive Budget Variance Provides an analysis of energy consumption, demand and cost metrics as compared to budgeted mounts with variance explanations.	LOGO Contraction -
₫£s	Comprehensive Budget Variance - Old	HERE BILITIONS On Adjust Taking Apple 3 and 1 for 19
Sustainability	Consumption Profile - Line Graph	Numeri Value
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Ø	E Demand Profile - Line Graph	
Measurement & Verification	Emissions (GHG)	
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Ģ	Engre User Activity Report	
Reporting	Estimated Statements	The property had a sout deficed of \$53,4810 for the Seconder service approximately \$53,5500 of the cent waters cleans from a sauge deficit of \$327,281 kills or \$23,800, There was a deficit of \$20,2000. There was a deficit of \$20,2000, There was a sauge and water of \$2000 reading in a source of \$2000 reading in a source deficit \$24,000.
	EW Bill Line Items Report	Net Result; \$2(1,401) + Dage \$2(3,502) + Detery\$2(2,502) + Supply \$4,437
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BUDGETING BULK MANAGEMENT

Utility Data BOX Budgeting has made it easy to manage your budgets in bulk to save your team time. In the module, you are able to select multiple budgets at a time to either apply adjustments to, reforecast, or to bulk export.

Buc	dgets				Q Search Budgets 🛪 Filters 🌣 Display Settings 🛓 Ex	port Budget List
	Property Name	Account	Commodity	Fiscal Year 🔻	Budget Name	Info
	01678 Electa Circles	3950361237961118369	Electric	2021	Sample Budget 2021	0
	01678 Electa Circles	7991404999657948961	Steam	2021	01678 Electa Circles - Sample Budget 2021	0
	01678 Electa Circles	3950361237961118369	Electric	2021	Sample Budget 2021 08-13-2020 Reforecast	0
	01678 Electa Circles	7991404999657948961	Steam	2021	01678 Electa Circles - Sample Budget 2021 08-13-2020 Reforecast	0
	1131 Kaitlin Ridges	3226790197303464408	Electric	2021	1131 Kaitlin Ridges - 2021 Budget	0
	1131 Kaitlin Ridges	985293660675476727	Water & Sewer	2021	1131 Kaitlin Ridges - 2021 Budget	0
	1131 Kaitlin Ridges	2826672229506036749	Water & Sewer	2021	1131 Kaitlin Ridges - 2021 Budget	0
	1131 Kaitlin Ridges	985293660675476727	Water & Sewer	2021	1131 Kaitlin Ridges - 2021 Budget 08-13-2020 Reforecast	0
	157 Jarret Common	3677667796459390013	Electric	2021	157 Jarret Common - 2021 Budget	0
	157 Jarret Common	4819272392812443713	Water & Sewer	2021	157 Jarret Common - 2021 Budget	0
	157 Jarret Common	2958157017010285275	Water & Sewer	2021	157 Jarret Common - 2021 Budget	0
	157 Jarret Common	3677667796459390013	Electric	2021	157 Jarret Common - 2021 Budget 08-13-2020 Reforecast	0
	17924 Otto Grove	1548117397250607299	Electric	2021	17924 Otto Grove - 2021 Budget	0
	17924 Otto Grove	4141827748770590547	Natural Gas	2021	17924 Otto Grove - 2021 Budget	0
	17924 Otto Grove	8581178467874321360	Water & Sewer	2021	17924 Otto Grove - 2021 Budget	0
	30020 Mabelle Ports	2378701656846936143	Steam	2021	2021 Budget	0
	3047 Watsica Forest	1857134897833970441	Water & Sewer	2021	3047 Watsica Forest - 2021 Budget	0
	3047 Watsica Forest	8050169204578687164	Water & Sewer	2021	3047 Watsica Forest - 2021 Budget	0
	3047 Watsica Forest	3938921179159350948	Electric	2021	3047 Watsica Forest - 2021 Budget	0
	3047 Watsica Forest	3766642899205103848	Water & Sewer	2021	3047 Watsica Forest - 2021 Budget	0
	3047 Watsica Forest	5213626564901195445	Water & Sewer	2021	3047 Watsica Forest - 2021 Budget	0
	4487 Lester Meadow	5031603337055698423	Electric	2021	4487 Lester Meadow - Sample 2021 Budget	0
	4487 Lester Meadow	5324073877749766385	Electric	2021	4487 Lester Meadow - Sample 2021 Budget	0
	46829 Cathy Parkway	7169526820604430407	Water & Sewer	2021	46829 Cathy Parkway - 2021 Budget	0
	46829 Cathy Parkway	4922380110842677055	Electric	2021	46829 Cathy Parkway - 2021 Budget	0
	597 Nader Oval	142864661789200633	Electric	2021	597 Nader Oval - 2021 Budget	0
	80298 Bechtelar Dam	1753765486328712987	Water & Sewer	2021	80298 Bechtelar Dam - 2021 Budget	() F

Additionally, the budgeting module allows you to set up budget administrators, who will be sent a notification when budgets are in need of approval.

