Enterprise Grade Energy Management Solution



by energywatch.



A Deeper Level of Analytics for Today's Energy Management Requirements

The Issue: Buildings in the United State spend >\$450 billion annually on energy and represent 40% of national energy consumption and emissions

The Solution: Watchwire makes energy data management and monitoring easier by offering your team a deeper level of energy analytics for today's requirements.

The Benefit: Watchwire solves issues such as high administrative costs that come with manual reporting, siloed data between numerous service providers, difficulty identifying ROI of efficiency projects, sustainability reporting requirements, and more...

- Energy management software users have reported median energy savings of 17% annually
- 91% of the same users stated they couldn't have achieved this performance without the use of their energy management software 1





CUSTOMIZABLE DASHBOARD

High level view of your individual KPIs

20+ different widget options for your dashboard

Create, maintain, & share customized dashboard views (i.e. for specific users, sustainability, accounting, engineering, etc.)

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SUSTAINABILITY

Custom benchmarking comparison of buildings and regions (consumption/ demand/cost totals and KPIs)

Integration with ENERGY STAR, GRESB, Department of Energy BPD

Save "custom groupings" manually or determined by property characteristics





UTILITY BUDGETING

Budget accurately based on proprietary consumption, forecasting algorithm, supply market predictions, delivery tariff rates, and Public Service Commission rate cases

Understand the impact of lease activity, occupancy, weather, and efficiency projects

Allocate capital efficiently







Automated monthly reporting distribution

Reports native to Excel formatting never altered upon export

Custom report development





AUTOMATED INVOICE DATA CONSOLIDATION

Web-based centralized platform

Building/facility region, portfolio consolidation

Multiple currency tracking

Unit conversions

Search/or accounts	nts, properties, nodes (),								Demo Client ABC	Andy Anderson
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REAL-TIME MONITORING

🟠 Home	🛎 Real Time Mete	r						Monito	Ring Analytics
Invoice Management					Interval Data				
	Zoom 1D 1W 1M YTD	All			From	7/01/2019 To	07/24/201	9	Billing Period
Sustainability	m	y m	\sim	\sim	my	22	Y~	who who	Reading
S Real-Time Monitoring	V + V - V		0		~ ~ ~ ~ ~	0 0		~ ~	okw o'F
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01678 Electa Circles	Current Billing Prior Month	Period Peak kW		hior Year Billing	Period Peak kW				
* Electric	Peak Points		• •	iotes		@ Pi	ak Loads		
* 2568796195580443635 * Meter: 7386	Interval Information								
• Meter: 7479	Start Date & Time	End Date & Time	# Days	# Hours	Total Consumption	Peak kW	Min kW	Average kW	Avg. Tempsture
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* Steam									
* 7991404999657948961 * West									
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Measurement & Verification									
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Fully leverage real-time data by analyzing it alongside actual utility bill data

Multiple visualizations giving the ability to identify energy efficiency and savings opportunities





MEASUREMENT & VERIFICATION

ASHRAE Guideline 14-2014 & IPMVP Compliant Option B & C

Track multiple ECMs at once

Normalize project analyses for weather, billing period length, occupancy, & more

Verify performance and track ROI



PEAK LOAD NOTIFICATIONS

	NYISO Peak Load			NYISO ISO NE PJM - Capacity PJM - Transmission
Home				
	NYISO Peak Load Summary			
#181 8120	Zoom YTD 1M 1W 1D All			From 12/31/2018 To 07/30/2019
Invoice Management	<u></u>			
Eudgeting Sustainability		1.Feb 25.Feb 11.Mar	ZS.Mar 6.Apr 22.Apr 6.Mar Dear	y 20 May 3, 3/m 17, 3/m 1, 3/d 15, 4/ 28, 4/
Real-Time	<	Maycrew o work o Junta	Sep18 CCC Common Nov 18 W C C	Martin 19 Jul 19 Martin Martin Jul 19
Monitoring		Peak Load	Forecast < 90% Forecast (90-95)% Forecast	st > 95% — Max Peak
0				
Measurement &	NYISO Peak Load Forecasts			
Verification	Date 07/24/2019	Time 05:00 PM	Forecast (MW) 23.596	Versus Max Peek Loed (YTD) 77.63%
	07/25/2019	05:00 PM	23,599	80.72%
	07/20/2019	04.00 PM	20,151	86.03%
Ģ		04:00 PM	24,982	82.19%
Peak Load	07/27/2010			
	07/27/2019			
Peak Load	07/27/2019 07/28/2019 07/29/2019	05:00 PM 04:00 PM	25.835	84.99% 83.3%
	07/28/2019	05:00 PM	25,835	84.99%
Peak Load	07/28/2019 07/29/2010 07/30/2019	05:00 PM 04:00 PM	25.835 28,359	84.09% 03.3%
Peak Load	07/28/2019 07/28/2019 07/30/2019 I NYISO Top Actual Peak Loads YTD	05:00 PM 04:00 PM	25.835 28.359 28.676	8490% 8338 8434%
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Peak Load	0728.2019 0738.2019 0730.2019 0730.2019 NYISO Top Actual Peak Loads YTD Date 07.20.2019 07.20.2019	05:00 PM 04:00 PM	23.95 28.55 28.679 70m 0400 PM 0500 FM	8.49% 82.5% 94.34% Proti Land (MM) 5.52.96 / 5.52.94
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Predictive analytics alert you when peak load hours are likely to occur

Track, measure, and verify the performance of your peak load management efforts



About EnergyWatch

EnergyWatch is a NYC based energy management software-asa-service (EMSaaS) provider. EnergyWatch helps commercial and corporate real estate portfolios, Fortune 500 industrial/ manufacturing and big box retail, government, healthcare, and educational facilities across the US reduce energy consumption, emissions, and expenses, simplify energy reporting, and measure and verify operational changes and capital projects.

Sources:

1) Energy Information Systems (EIS): Technology costs, benefits, and best practice uses. Lawrence Berkeley National Laboratory, 2013., https://betterbuildingssolutioncenter.energy.gov/sites/default/files/attachments/eis-business-case.pdf

