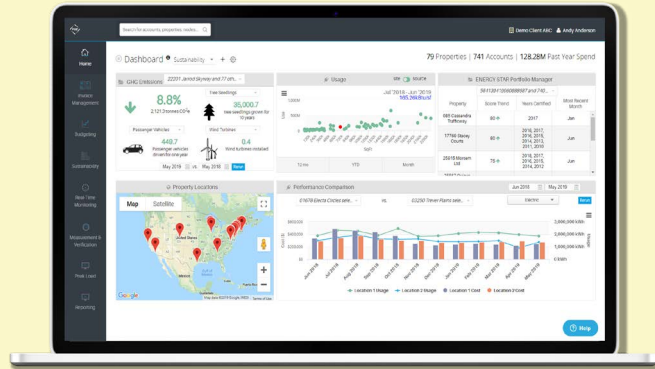


# Energy Partner Insights



Energy Partner<sup>SM</sup> Insights' real-time monitoring and invoice management modules provide easy access to your energy and billing data.

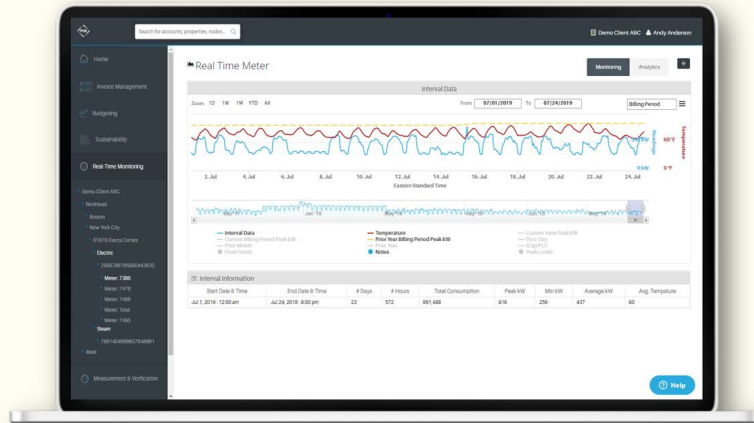
The platform empowers you to analyze, visualize and report based on the parameters you choose.



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## DASHBOARD VIEW

Energy Partner Insights' real-time monitoring dashboard provides an overview of your meter's interval data in the respective intervals. These can be viewed by current day, week, year, or any selected time frame. Also, you can easily add or remove any of the data analysis options that are listed below the graph in the various colors (i.e. prior year, peak loads, notes, etc.)

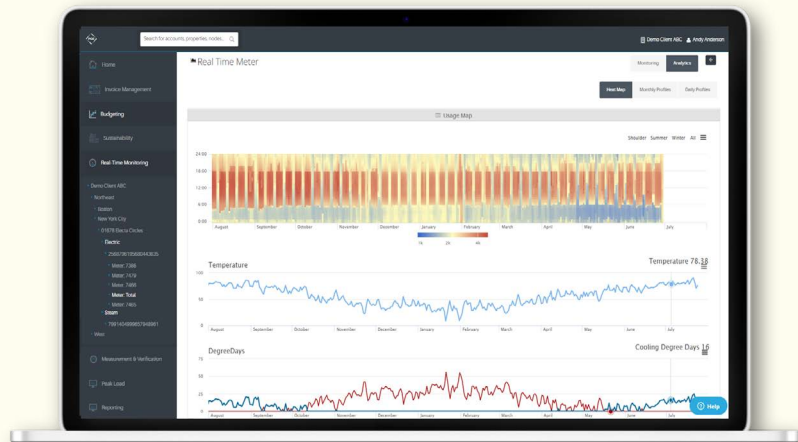


## REAL-TIME DATA ANALYTICS

Energy Partner Insights' real-time monitoring module provides various visualizations so that you can identify energy inefficiencies and take advantage of opportunities to save.

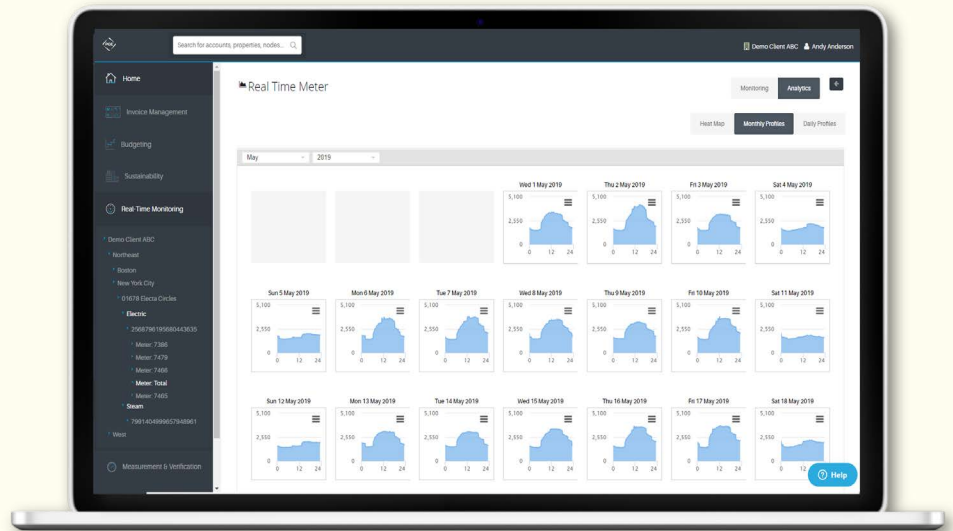
## HEAT MAP ANALYTICS

The first visual is the Heat Map. This provides the actual demand, temperature, and heating or cooling degree days for a specific date and time, in the respective intervals. This type of visualization makes it simple to spot irregularities in equipment operating times or other operational anomalies. You can download the graphs as images or export to Excel for sharing and reporting.



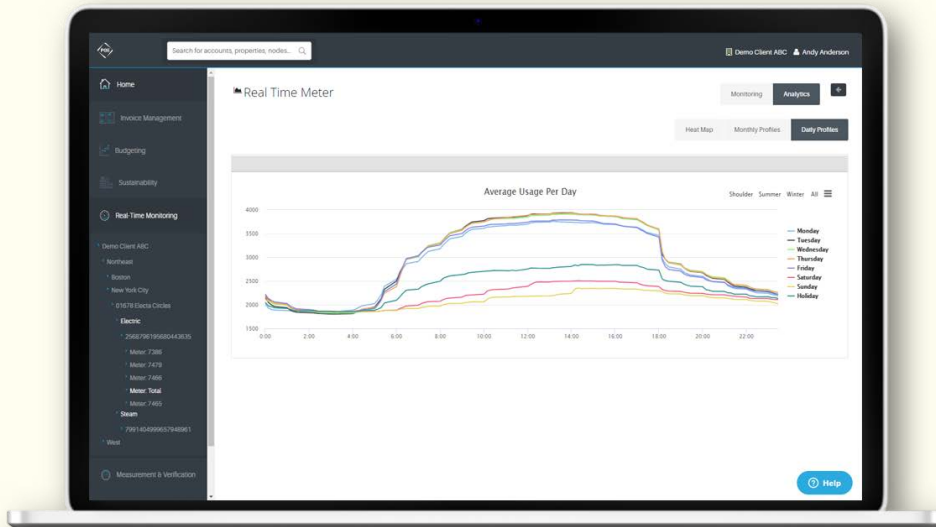
## MONTHLY PROFILES ANALYSIS

The monthly profiles analysis uses the same interval data but creates a different visualization. By breaking down usage each day over the course of the month, the user can easily notice if there are any inconsistencies in how weekday or weekend operations compare. Each daily image can be downloaded.



## DAILY PROFILES ANALYSIS

The final visualization, Daily Profiles, graphs the average usage per day for the past 12 months – broken down by summer, winter, or shoulder months. This can be helpful for ensuring daily usages are meeting expectations (e.g. lower usage on weekends and holidays vs. business days). This graph can be downloaded as an image or exported to Excel.



# INVOICE MANAGEMENT AND AUDITING

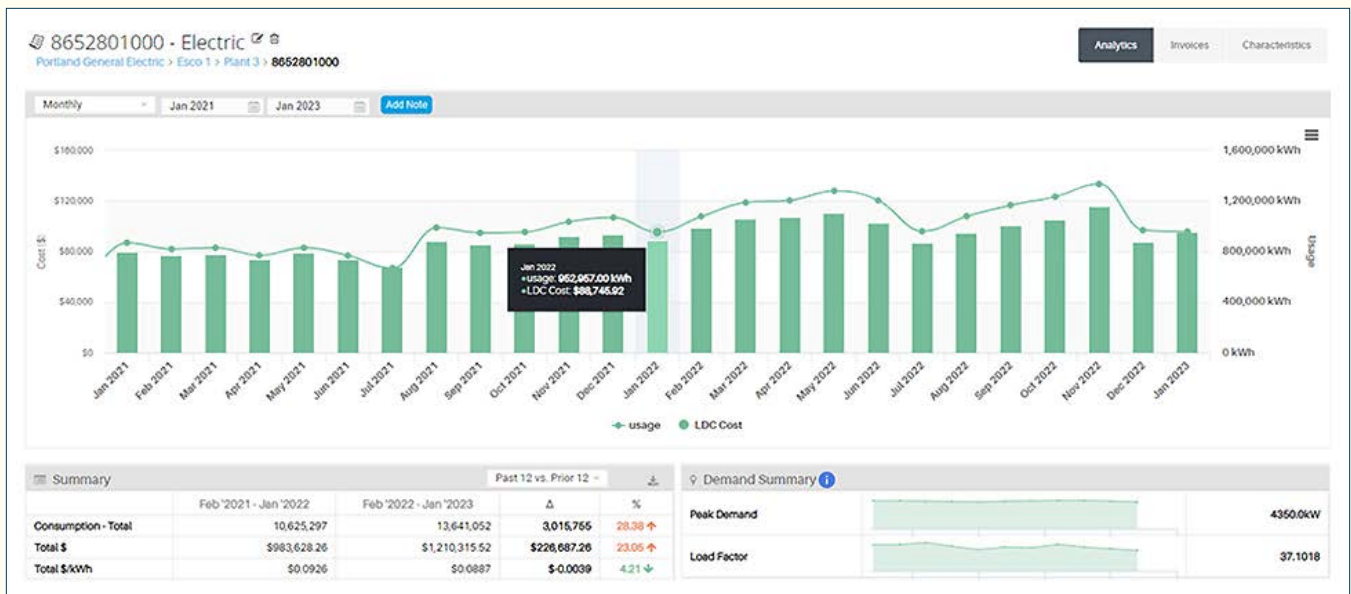
## INVOICE MANAGEMENT

Line charts help you understand your business better by visualizing average energy use and cost trends over time, highlighting peak monthly demand, and calculating cost per unit. A list of monthly invoices, makes it easy to click through and see additional details or review audit variances.



## INVOICE MANAGEMENT ANALYTICS

Charts summarizing total costs alongside energy use provide valuable transparency. Choose monthly, quarterly, or annual views, or select a custom time period and see percent changes from both a cost and use perspective. Mouse over Peak Demand to see monthly peak values and conveniently access percent load factor calculated based on your account's demand footprint compared to actual energy use.



## AUTOMATED UTILITY AUDITING

To assist with quality assurance, all incoming bills are subject to an automated audit process. The audit catches billing period gaps, abnormally long billing periods, and breached variances thresholds in energy use, cost, demand or load factor compared to the same billing period one year prior. Green and red pass/fail symbols make it easy to identify and review failed audit items.

Summary													
Start Date	End Date	Month	Year	Total kWh	On Peak kWh	Off Peak kWh	Mid Peak kWh	Demand kW	LDC / T&D Cost	Supplier / Generation Cost	Total Cost	Info	Notes
10/15/2019	11/13/2019	Nov	2019	1,323,200	748,290	574,910	0	3,195.84	\$86,980.91	\$92,550.34	\$179,531.25		<a href="#">View</a>
09/12/2019	10/15/2019	Oct	2019	1,552,000	864,951	687,149	0	3,758.4	\$162,672.37	\$120,707.62	\$283,379.99		<a href="#">Add</a>
08/14/2019	09/12/2019	Sep	2019	1,535,200	884,704	650,496	0	4,468.48	\$213,630.53	\$118,709.31	\$332,339.84		<a href="#">Add</a>
07/16/2019	08/14/2019	Aug	2019	1,488,000	869,478	618,522	0	4,245.6	\$204,027.03	\$123,713.89	\$327,740.92		<a href="#">Add</a>
06/18/2019	07/16/2019	Jul	2019	1,460,000	854,140	605,860	0	4,032.48	\$183,309.00	\$117,083.40	\$300,392.40		<a href="#">Add</a>
05/15/2019	06/18/2019	Jun	2019	1,260,000	734,299	525,701	0	3,283.68	\$133,758.85	\$115,770.21	\$249,529.06		<a href="#">Add</a>
04/16/2019	05/15/2019	May	2019	1,197,600	643,288	554,312	0	2,796.96	\$68,779.82	\$81,896.61	\$150,676.43		<a href="#">Add</a>
03/18/2019	04/16/2019	Apr	2019	1,330,400	666,083	664,317	0	2,412.96	\$64,983.52	\$69,397.80	\$134,381.32		<a href="#">Add</a>
02/14/2019	03/18/2019	Mar	2019	1,483,200	783,326	699,874	0	2,218.08	\$73,006.04	\$79,410.12	\$152,416.16		<a href="#">Add</a>
01/15/2019	02/14/2019	Feb	2019	1,522,400	793,957	728,443	0	2,290.08	\$63,134.03	\$101,775.44	\$164,909.47		<a href="#">Add</a>

The graphic below shows a monthly invoice and the status of each statistical audit. Failed invoices can be reviewed and “approved”, with each approval requiring a short note that remains with the invoice for historical reference.

Apr 2019

INVOICE IMAGES
LINE ITEMS
AUDITS

**Audits** LDC  Supply

- Daily Cost Variance:** The daily cost variance check passed with a difference of 5.77%. Data set used: Previous Invoice: 4 2018 ✔
- Daily Usage Variance:** The daily usage variance check failed with a difference of 30.23%. Data set used: Previous Invoice: 4 2018 ✘
- Total Cost Variance:** The cost variance check passed with a difference of -1.06%. Data set used: Previous Invoice: 4 2018 ✔
- Total Demand Variance:** The demand variance check passed with a difference of 0.0%. Data set used: Previous Invoice: 4 2018 ✔
- Total Usage Variance:** The usage variance check passed with a difference of 21.83%. Data set used: Previous Invoice: 4 2018 ✔

[Set Audit Threshold](#)





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