

Discover OptiMiser's Pre-Audit Diagnostic tools.



Pre-Audit Energy Diagnostic

Use this new OptiMiser feature to wow your customers with an expert analysis of their homes *before* you begin the audit!

With utility bill information, OptiMiser can tell you the prime suspects for energy waste in a home and potential savings. The **Pre-Audit Energy Diagnostic** feature includes an expert system that pinpoints building components that use an unusual amount of energy.

To use the Diagnostic analysis, enter basic home information that is available before the audit (square footage, age of home, and zip code), apply the regional and age-specific defaults, and enter utility bills. OptiMiser will compare the typical home to the energy characteristics available through the PRISM utility analysis. The Diagnostic Table lists potential areas of high and low energy use. Three charts show monthly utility bills compared to modeled loads disaggregated into heating, cooling, hot water, appliance, lighting and other loads.

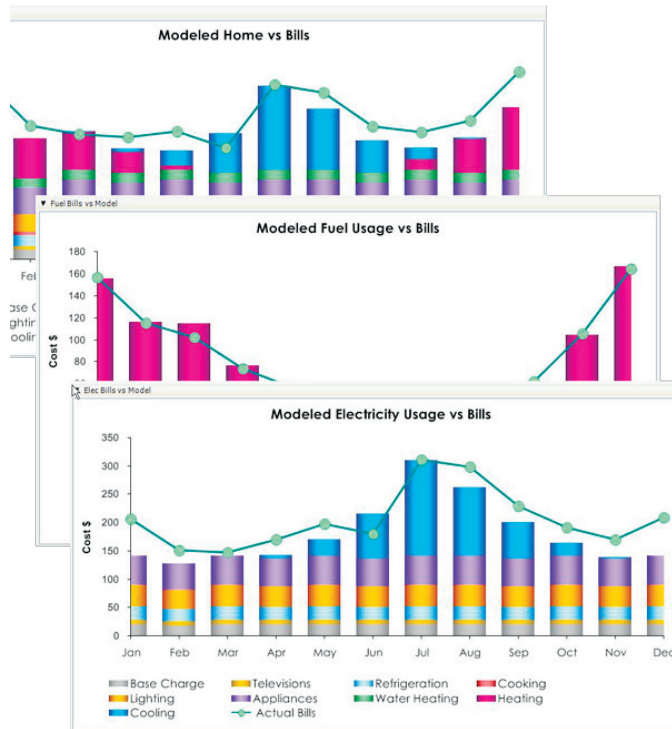
The utilities indicate ► Possible causes below ▼	HEATING	COOLING	ELECTRIC
	HIGH Gains LOW Thermostat	HIGH Cool Load	HIGH Hot Water & Appliances
Unusually low heating thermostat setting	✓		
Unusually high cooling thermostat setting		✓	
Highly inefficient AC		✓	
Extreme infiltration		✓	
Large glazing area	✓	✓	
Hot water leak			✓
High water heater temperature			✓
Hot tub			✓
Pool heater			✓
Extra fridge/freezer			✓

As Tom at Energy Saving Technologies says, "I love the Diagnostic system. It nails important energy use issues 95% of the time. I like to print it out and show the homeowner when I arrive for the audit." Great idea, Tom! There is now a Print button under each chart and table, so you can arrive at a home with the Diagnostic analysis already providing tips about the most efficient ways to save energy.

OptiMiser is designed to make the most of utility bills to inform and increase the accuracy of your audit. Having the **Pre-Audit Energy Diagnostic** is like having a built-in expert that presents the results of the utility bill analysis.

In our next issue we'll cover another OptiMiser expert system: Analysis. Analysis

provides a detailed report telling you the strengths and weaknesses of the utility analysis, and options you have to make the most of it.



(Note: The **Pre-Audit Energy Diagnostic** feature is currently available on the Diagnose tab with the Viewing Purpose controls set to Diagnose, but will shortly be moved to a popup accessed on the Analysis tab with a button labeled "Pre-Audit Diagnostic")



Kudos!

"Optimiser 2 is so good. I have used Opt 1 since it's BETA and OPT 2 is SO MUCH BETTER. If people have not upgraded, consider doing it now.

It is more detailed, has a better flow, has better reporting, and more. I like how it pre-populates some fields that OPT 1 does not."

-Danny Wardle, DMW Energy

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