

We Make Energy Efficiency Easy



What is Automated Design Assistance?

Ekotrope's ADA tool is a premium add-on to Ekotrope RATER, our market-leading cloud-based energy rating software. ADA aims to help achieve better utility program participation and increase energy savings for builders by giving utility program managers **direct access to builders** when they're making design decisions. ADA provides raters with **energy conservation recommendations** during the modeling process that are tailored to home design as well as program goals. The ADA tool automatically assesses the impacts of such recommendations- such as total savings, energy bill savings, or added program incentive- for a given home design, which are then automatically shown to the rater and made available to the builder via a **customizable report**. This allows raters to utilize program recommendations in real time, removing the need to double check program requirements and increasing access to savings opportunities.



1. Ekotrope Partners with Utility Program

Ekotrope and the utility go over program goals and determine the scope of specific upgrade measures to support.



2. Rater Uses Ekotrope as Part of Day-to-Day Process

Ekotrope has the unique ability to meet raters within the most widely used rating tool in the U.S.



3. ADA automatically Shows Rater Energy Conservation Recommendations

With access to raters during the most critical point of the home energy modeling process, ADA allows utilities to influence builders' design decisions.



4. Builder Builds More Energy Efficient Homes

ADA helps the utility drive deeper savings, reach more builders, and improve home energy performance.

ADA Features

- ✓ Any hybrid of metrics can be highlighted (e.g. annual savings, energy bill savings, incentive increases, etc.)
- ✓ Support for custom recommendations and modifications
- ✓ Comprehensive and customizable "Upgrade Recommendations" reports
- ✓ Streamlined submission process

In a recent 3 month ADA pilot in Massachusetts with 1500 homes, the Sponsors of Mass Save were able to achieve an increase of 37% in average kWh savings per sqft. and an increase of 4.8% in average fuel savings per sqft. A survey of program participants also indicated that the ADA tool improved their experience with the program and helped their builders achieve more energy efficiency. ADA access has subsequently been continued as a key ongoing feature for the program.

ADA For Utilities

Even with financial incentives, it is a challenge for utility programs to influence code-minimum builders to go beyond code, as well as to influence above-code builders to push toward **deeper energy savings**. It is also challenging to gain some measure of control over builders' decisions to push them toward design choices that are beneficial for the program, the utility, and the grid. Ekotrope Automated Design Assistance (ADA) aims to solve this problem.

The Ekotrope Difference

- The only solution in the market which provides direct access to US builders when design decisions are being made
- One-on-one assistance for navigating pre and post launch to ensure program success
- Fully customizable per program needs
- Ability to filter out homes that don't meet program requirements
- The unique ability to meet raters within the most widely used rating tool in the U.S.

