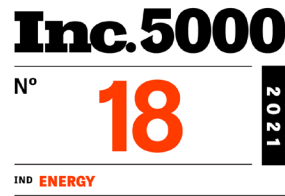


# Renovations & Additions



## The Opportunity

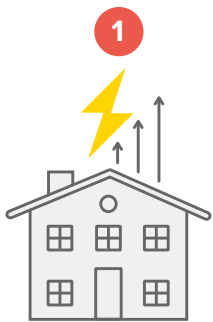
Home additions represent a tremendous opportunity to generate substantial energy savings. Since the home is already “under construction,” and the walls and other components will be opened up or replaced, the cost of improvements is dramatically decreased compared to a traditional energy retrofit.

The problem is that homes undergoing these renovations and additions do not fit into the typical energy efficiency programs that utilities offer for new and existing homes. Those programs measure savings against current energy code or against the existing home – but neither of these reference points is adequate for a home addition.

**How do utilities reach these ratepayers and capture these potential energy savings?**

## Our Solution

To solve this problem Ekotrope developed a proprietary software platform to accurately measure energy savings for homes undergoing renovations and additions:



### Pre-construction Home

During an initial site visit, an audit is performed to determine the energy consumption characteristics of the existing home. Ekotrope’s software assesses its energy performance.



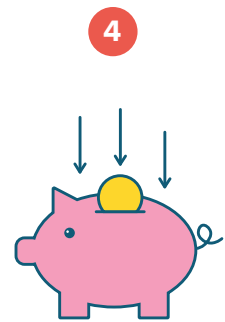
### Proposed Addition

A home auditor then models the home with the proposed additions. Using advanced logic, Ekotrope automatically builds a custom, hybrid baseline for the larger renovated home. Ekotrope also generates a list of prioritized upgrades to drive greater energy savings.



### Post-construction Home

The hybrid baseline allows for new parts of the post-construction home to be measured against current energy code, while the upgrades to the existing home are compared against the initial conditions of the home.



### Capturing Energy Savings

By taking into account both of these baselines, Ekotrope is then able to accurately assess the true savings generated by the home addition. With this technology, ratepayers and utilities are finally able to capture these otherwise hard-to-capture savings.

## For More Information

Contact us by phone at 617.863.7750 or email us at [info@ekotrope.com](mailto:info@ekotrope.com)