The Residential Sector

- 9 million single-family homes in California

- 2/3 of California’s residential buildings built before 1982
Residential Energy Assessment Disclosure

Why READ?

▪ Improves energy literacy
▪ Empowers consumers
▪ Drives investment in energy upgrades
▪ Increases market transparency by creating a clear rating system
### Rating Types: Operational vs Asset

<table>
<thead>
<tr>
<th>Type of Rating</th>
<th>BENEFIT</th>
<th>ISSUE</th>
</tr>
</thead>
</table>
| OPERATIONAL    | - Measures occupant behavior  
                 - Easy access to data | - Does not reflect building features |
| ASSET          | - Describes building attributes  
                 - Improves asset value | - Not calibrated to actual use |
Likes miles per gallon ratings on automobiles or nutritional labels on food, an Asset Rating gives consumers the tools to make informed choices.
Home Energy Score:
A “Miles Per Gallon” Rating for Homes

- Developed by Department of Energy and its national laboratories.
- Like a miles-per-gallon rating for a car.
- Provides home owners, buyers, and renters comparable and credible information about a home's energy use.
Home Energy Score Enables Comparison

- Need for a standardized label to understand a home’s efficiency and compare it to similar homes
Home Energy Score Overview

- Home Energy Score Report estimates home energy use, associated costs, and provides solutions to improve the home's efficiency.

- Each Home Energy Score is shown on a simple one-to-ten scale, where a ten represents the most efficient homes.
Home Energy Score Partners
DOE, StopWaste & Frontier Energy Roles

U.S. DEPARTMENT OF ENERGY
Home Energy Score

Know your home. Know your Score.

STOP WASTE
at home • at work • at school

FRONTIER energy

BAYREN
Score report includes:

• Score of 1 to 10
• Home Facts
• Total energy use estimate
• Customized Recommendations
Custom Recommendations

Homes Energy Score details

Official Assessment ID #1

Home Energy Score is an easy way to see how energy efficient this home is compared to other homes. A higher score is better. This report also contains ways you can make your home more efficient and more comfortable.

How much energy is this home likely to use?

<table>
<thead>
<tr>
<th>Feature</th>
<th>Today's Condition</th>
<th>Recommended Improvements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attic Insulation</td>
<td>Insulated to R 11</td>
<td>Insulate ≥ R 38 and air seal</td>
</tr>
<tr>
<td>Floor Insulation</td>
<td>Insulated to R 00</td>
<td>Insulate ≥ R 19</td>
</tr>
<tr>
<td>Wall Insulation</td>
<td>Insulated to R 00</td>
<td>Insulate ≥ R 13</td>
</tr>
<tr>
<td>Water Heater</td>
<td>Gas storage 58% EF</td>
<td>Gas on demand (tankless) ≥ 0.82 EF</td>
</tr>
</tbody>
</table>

Additional Comments and Recommendations:

*Your natural draft water heater has questionable venting. We suggest upgrading to a high-efficient tankless model.*
The Home Upgrade Advisor Service

- Help prioritize custom recommendations
- Support the process step by step
- Refer clients to rebates
- Go over financing options
- Help find a contractor
- Provide free, neutral advice

(866) 878-6008
www.BayAreaEnergyUpgrade.org
Bay Area Regional Energy Network (BayREN)

- Bay Area Regional Energy Network (BayREN) implements energy savings programs on a regional level in collaboration with the 9 Bay Area counties.

- Funding supports:
  - Home Upgrade Advisor service
  - HES Program implementation
  - Outreach and marketing
  - Assessor support
  - Local jurisdiction support
  - $250 rebate per home scored
Why Choose Home Energy Score?

- Simple
- Fast
- Affordable
- Credible
- Flexible
WHAT'S THE SCORE?

BEGINNING ON JANUARY 1, 2018, sellers of single-family homes in Portland, Oregon are required to obtain and disclose a Home Energy Report estimating the energy-related use, associated costs, and cost-effective solutions to improve the home's efficiency.
Berkeley BESO

Home Energy Score in the Bay Area

- Total Scores Issued: 1512
- Total Scores in Berkeley: 901
- Average Score: 4
- Number of Assessors: 57
- Average Cost: $265
- Total Rebates Paid: $129,400
Make your home as comfy as your favorite chair.

See how much you can save before starting home upgrades.

NOW AVAILABLE!
$250 REBATE toward a Home Energy Score.


Get Started:
Find your Home Energy Score Assessor
Get customized energy-saving recommendations for your home.
Path to Upgrades

- Home Energy Score
- Custom Recommendations
- Follow-up by Home Upgrade Advisors

Energy Upgrades
From READ to Retrofit

- Bill savings
- Green jobs
- CO₂ emissions

OWNER DISCLOSES ENERGY RATING

Owners invest in energy efficiency upgrades

Market values energy performance

Buyers/renters fully informed

Buyers/renters favor efficient properties

How “triggered” disclosure leads to energy savings

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