



CITY OF BEND

Home Energy Score Program

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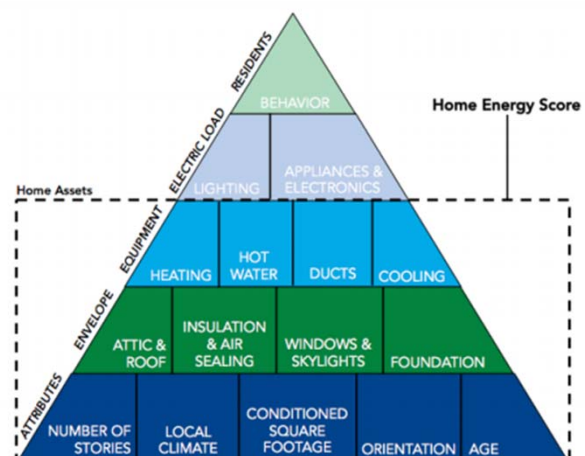
Home Energy Score

What is it?

- A home assessment that explains the energy efficiency of a home through a replicable and affordable methodology that assess a home's assets
- Contains a numeric score that reflects energy efficiency of a home and estimated utility costs, and suggested measures to improve efficiency

What are the goals of a Home Energy Score (HES) program?



- Analogous to a miles per gallon rating of a vehicle
- Provide transparency to homebuyers about energy costs of potential homes
- Motivate voluntary energy efficiency → reduce community greenhouse gas emissions



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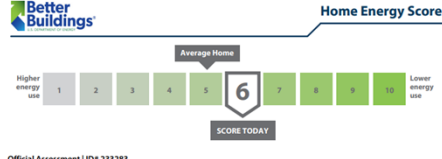
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What's in a report?

THIS HOME'S SCORE
6
 OUT OF 10

THIS HOME'S ESTIMATED ENERGY COSTS
\$1,257
 PER YEAR



Home Energy Score

Average Home: 6

Higher energy use: 1 2 3 4 5 6 7 8 9 10 Lower energy use

SCORE TODAY: 6

Official Assessment | ID# 233283

The Home Energy Score is a national rating system developed by the U.S. Department of Energy. The Score reflects the average energy efficiency of a home based upon the home's structure and heating, cooling, and hot water systems. The average score is a 5. Learn more at HomeEnergyScore.gov.

Score today:
6

Score with priority improvements*:
9

Estimated energy savings with priority improvements:
\$285 PER YEAR

Estimated carbon reduction with priority improvements:
19% PER YEAR

TACKLE ENERGY WASTE TODAY!
 Enjoy the rewards of a comfortable, energy efficient home that saves you money.

- Get your home energy assessment. Done!
- Choose energy improvements from the list of recommendations below.
- Select a contractor (or two, for comparison) and obtain bids. Check with your local utility for a list of contractors in your area.
- To find out more information about the state of Oregon Home Energy Score program visit: oregon.gov/energy/home-energy-score
- Discover local incentives and learn more about Hillsboro's Home Energy Score Program at: Hillsboro-Oregon.gov/EnergyScore

***PRIORITY ENERGY IMPROVEMENTS | 10 Year payback or less ¹**

FEATURE	TODAY'S CONDITION ¹	RECOMMENDED IMPROVEMENTS
Attic insulation	Ceiling insulated to R-0	Insulate to R-38 or R-49 if code requires it
Cathedral Ceiling/Roof	Roof insulated to R-0	Insulate cathedral ceiling/roof to R-30 or maximum possible

HOW MUCH ENERGY IS THIS HOME LIKELY TO USE?

Electric: 8,275 kWh/yr (\$0.11/kWh)\$943

Natural Gas: 677 therms/yr (\$1.09/therm)\$738

Other:\$0

Renewable Generation:(\$424)

TOTAL ENERGY COSTS PER YEAR **\$1,257**

THIS HOME'S CARBON FOOTPRINT

15 tons/year WORSE 6.4 This Home 0 tons/year BEST

Carbon footprint by fuel type: Electric 3.4, Natural Gas 3.0, Other 0.0

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Home Energy Score Background

- Developed by the US Department of Energy for use by cities across the nation
- Oregon Department of Energy (ODOE) partnership with the US Department of Energy to make program more available to Oregon communities
- Earth Advantage hired by ODOE to support cities with HES programs and provide assessor training and quality assurance services
- Current programs in Hillsboro, Milwaukie and Portland, Oregon leveraging ODOE program.
- Other cities across the country: Minneapolis, Austin, Berkeley

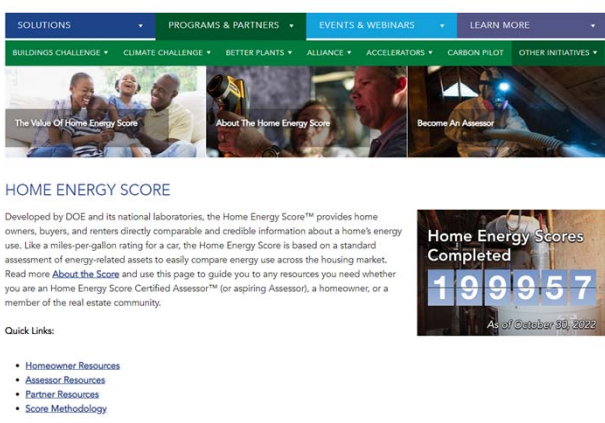


HOME ENERGY SCORE

Developed by DOE and its national laboratories, the Home Energy Score™ provides home owners, buyers, and renters directly comparable and credible information about a home's energy use. Like a miles-per-gallon rating for a car, the Home Energy Score is based on a standard assessment of energy-related assets to easily compare energy use across the housing market. Read more [About the Score](#) and use this page to guide you to any resources you need whether you are an Home Energy Score Certified Assessor™ (or aspiring Assessor), a homeowner, or a member of the real estate community.

Quick Links:

- [Homeowner Resources](#)
- [Assessor Resources](#)
- [Partner Resources](#)
- [Score Methodology](#)




SEARCH SOLUTIONS

SOLUTIONS PROGRAMS & PARTNERS EVENTS & WEBINARS LEARN MORE

BUILDINGS CHALLENGE CLIMATE CHALLENGE BETTER PLANTS ALLIANCE ACCELERATORS CARBON PILOT OTHER INITIATIVES

The Value Of Home Energy Score About The Home Energy Score Become An Assessor

Home Energy Scores Completed
199957
 As of October 30, 2022



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Home Energy Score Programs Demonstrate Positive Outcomes

- Lawrence Berkeley National Laboratory Study on the DOE Home Energy Score Program findings:
 - 1 point increase in HES was associated with a 5.5% reduction in the odds of a loan going 30 days delinquent
 - A \$100 decrease in estimated annual energy bills was associated with a 2.3% decrease in the odds of a loan going delinquent
 - A one-point increase in HES was associated with a 0.5% increase in sales price
 - These relationships were only statistically significant in places with a mandatory HES assessment at the time of listing
- 2019 E2e Study findings:
 - Requiring home sellers to provide buyers with certified audits of residential energy efficiency increases price capitalization of energy efficiency and encourages energy-savings residential investments



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Home Energy Score and Equity

- The Home Energy Score Program is a buyer protection program.
- It ensures that people understand the energy costs of the homes they are considering buying.
- It provides transparency about features of a home that are otherwise hidden that may have significant implications for the cost of owning the home over time
- The low-income assistance program ensures that the cost of the score will be covered for homeowners who cannot afford it
- Additional assistance will be created through federal programs to support low-income homeowners in making upgrades and the City can create additional programs



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Program Details

Requirement:

- All covered buildings that are being listed publicly for sale are required to obtain a home energy score from a state licensed home energy assessor
- Score must be included in the listing and made available to all prospective buyers who visit the building
- Trigger event is the time-of-listing (rather than time-of-sale)
- Scores obtained through the private market

Exemptions:

- Sales through involuntary change of titles (i.e. transfer of title pursuant to marriage or divorce) or where compliance would cause undue hardship (i.e. trustees sale, deed-in-lieu of foreclosure)



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Program Details

Low Income Assistance

- City will cover the cost of a obtaining a home energy score to the seller of a covered building. Low income assistance program will be structured to be as low barrier as possible.

New Construction and Identical Buildings

- New construction can obtain pre-construction score through plan specifications
- Single home energy score may be obtained and replicated for covered buildings constructed during the same time period and same land division.
- Must be constructed using the identical floor plan with identical features



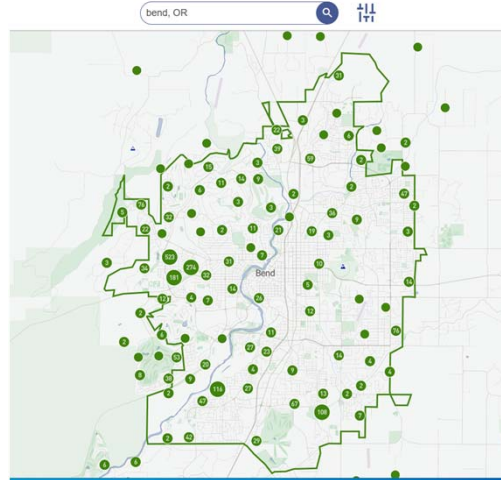
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Program Details

Data Access and Infrastructure

- [Green Building Registry](#) hosts the scores and is public
- Can be used with MLS to populate the listing easily



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Program Details

Oversight & Enforcement

- Proactive enforcement: staff-led outreach, communications, and supporting homeowners
- 15-day grace period to come into compliance, then referred to code enforcement

Staff Responsibilities

- Identify homes out of compliance and provide education, resources and information to support coming into compliance
- Answer questions related to the program
- Maintain program webpage and provide information to the public
- Monitor program and effectiveness



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Accommodation Information for People with Disabilities



To obtain this information in an alternate format such as Braille, large print, electronic formats, etc. please contact [Project Manager or Document Creator] at [email] or [telephone number]; Relay Users Dial 7-1-1.



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Complimentary Programs for Energy Efficiency

Upcoming federal programs, established by the Inflation Reduction Act, will bring significant resources for low-income homeowners looking to upgrade their homes:

- **Home Energy Performance-Based, Whole-House (HOMES) Rebate Program**
 - For homes achieving 20 – 35% savings: \$2,000 or 50 percent of the project cost (whichever is less). For LMI individuals, \$4,000 or 80 percent of the project cost (whichever is less).
 - For homes achieving over 35% savings: \$4,000 or 50 percent of the project cost (whichever is less). For LMI individuals, \$8,000 or 80 percent of the project cost (whichever is less).
- **High-Efficiency Electric Home Rebate Program (HEERA)**
 - Will provide point-of-sale rebates for electric appliances for exclusively low and moderate income households. For households with less than 80% AMI, 100% of costs are covered up to \$14,000. For households between 80-150% AMI, 50% of costs are covered
- **Weatherization Assistance Program (WAP)**
 - Existing program to increase the energy efficiency of low-income homes will be tripled in capacity.
- **EECBG Funding**
 - Formula funds for the City of Bend can be allocated on energy efficiency projects can be allocated for additional low-income assistance programs, if the City chooses to



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