

DOE HQ F 413.26  
(03/2015)

## Home Energy Score

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### Partnership Agreement for Participating Organizations

Through voluntary partnerships, the U.S. Department of Energy (DOE) works with state and local governments, non-profits, utilities, and private companies to offer the Home Energy Score to homeowners nationwide. This Partnership Agreement outlines the responsibilities of DOE and the participating Partner. Additional requirements are provided in an addendum entitled “Terms of Participation.”

Prior to providing the Home Energy Score, both DOE and its Partner must sign this agreement. DOE may modify this agreement or terms of participation to address lessons learned and future programmatic goals. DOE will notify all Partners at least 30 days prior to making any changes to either the Partnership Agreement or terms of participation. A Partner or DOE can terminate the Partnership at any time by notifying the other party.

### DOE Responsibilities

DOE will oversee and maintain the Home Energy Score program, and carry out functions including but not limited to monitoring of Partners, data analysis, development of training and outreach materials, and updates to the Home Energy Scoring Tool (Scoring Tool). DOE agrees to provide the following support to its Partners:

1. Provide Qualified Assessors working under a Partner organization with access to the Scoring Tool.
2. Provide access to standard outreach and educational materials for homeowners and Qualified Assessors, including online information and training.
3. Confirm qualifications of individual assessors and provide them access to the Scoring Tool once certification and testing requirements are met.
4. Serve as a technical aid in resolving issues (e.g., software questions) that may arise during implementation.
5. Host webinars and other forums to assist Partners with implementation and to encourage information exchange.
6. Carry out evaluation efforts to measure effectiveness of the Home Energy Score and promote ongoing improvement of the program. Communicate findings to Partners to assist in more effective program delivery.
7. Implement upgrades to the Scoring Tool and other program features as needed and with appropriate notice and communication with Partners.

## Partner Organization Responsibilities

Partner organizations and individuals will deliver the Home Energy Score to homeowners through a variety of channels. Partners may provide the Score as part of a home performance program or as an independent service. Partners agree to meet the following program requirements:

1. Set a target goal for number of houses to be scored in the first year and beyond. Partners must commit to a minimum of 500 homes per year.
2. Develop an implementation plan outlining how the program will be delivered and integrated into other Partner efforts. Partners should incorporate some type of evaluation in their implementation plan.
3. Designate a primary point of contact for participating Qualified Assessors and facilitate the delivery of required certification documents to DOE.
4. Administer the Home Energy Score qualification training tests (available online at no charge).
5. Inform DOE whenever a Qualified Assessor ceases participation under the Partner’s program.
6. Adhere to rules regarding use of programmatic materials and the Scoring Tool, as set forth in the program’s “Terms of Participation”; monitor participation and performance of Qualified Assessors in the program; provide mentoring as needed.
7. Carry out quality assurance in accordance with the conditions set forth in the program’s “Terms of Participation.”
8. Provide feedback on implementation of Home Energy Score and check in on a monthly basis (or more frequently if needed) with your DOE Home Energy Score account manager to discuss plans, issues and findings.

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Partner Representative: \_\_\_\_\_

Organization name: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The signing representative must have authority to commit the organization to the terms of this agreement.

U.S. Department of Energy Representative: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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# Home Energy Score

## Addendum: Terms of Participation

*Please read this addendum in its entirety.*

The Home Energy Score Partner Agreement sets forth the principal responsibilities of DOE and its Partners. This addendum to the Partner Agreement provides more detailed requirements related to the following aspects of program delivery:

- Confidential Information
- Assessor Qualifications and Restrictions
- Quality Assurance
- Eligible Homes
- Linking to Other Software Tools
- Home Energy Score Updates
- Use of DOE Materials and the DOE Seal

### 1. Confidential Information

As part of the Home Energy Score Program and to facilitate the scoring of homes, the Partners will provide certain data and information regarding individual residences (“Confidential Information”) to DOE. DOE shall protect all data collected and generated to score homes and shall retain and store all confidential information furnished by the Partners in a secure and confidential manner, subject to applicable law. DOE agrees to share confidential information and scoring calculations for individual homes with its Home Energy Score Partners and their affiliates if applicable (e.g. a state agency that has an agreement with a Partner to share data for homes scored in their state), and each Partner and affiliate will receive only data for homes scored by Qualified Assessors working through that Partner. Qualified Assessors will only have access to data which they have provided to DOE and to Home Energy Score Reports generated for those homes which the Qualified Assessor scored. DOE may develop and release papers and presentations that include information regarding homes scored. However, DOE may only present aggregated data and DOE agrees it will not publicly share any information regarding individual homes, subject to applicable law. If DOE becomes legally compelled to disclose any of the confidential information to a federal or state governmental agency, DOE shall inform Partner of such disclosure promptly after such agency’s request so that Partner may contact DOE and/or seek another appropriate remedy. DOE will not disclose any information DOE believes to be confidential information produced pursuant to this Partnership Agreement to any third party, except as may be mutually agreed upon in writing by Partner and, if so agreed, by the execution of a mutually acceptable nondisclosure agreement, or in the case in which DOE is required by law to disclose the information. The rights and obligations arising under this Partnership Agreement with respect to Confidential Information disclosed hereunder, particularly the confidentiality obligations, shall survive any termination of this Agreement.

### 2. Assessor Qualifications and Restrictions

All Qualified Assessors must meet ALL of the following requirements in order to use the Home Energy Scoring Tool and provide Home Energy Scores.

1. Provide proof of a valid certification from one or more of the following:
  - Building Performance Institute’s (BPI) Building Analyst (or higher) certification;
  - Residential Energy Services Network (RESNET) certified Rater; and
2. Pass the online Home Energy Score tests.

Once an assessor meets these requirements, DOE will provide a user ID and password in order to access the Scoring Tool. The Qualified Assessor can ONLY provide Home Energy Scores as part of services rendered through one of DOE’s official Home Energy Score Partners. Qualified Assessors cannot score homes that are outside of their Partner’s service area.

Exceptions: Qualified Assessors working under one of DOE's Home Energy Score Partners may score homes outside the Partner's service area IF either of the following conditions is met:

1. The Partner agrees to extend the same quality assurance services required by the Partner agreement to these additional homes; and the Partner informs the DOE Home Energy Score Program Manager prior to such an arrangement.

OR

2. Prior to scoring homes outside the Partner's service area, the DOE Home Energy Score Program Manager approves the Qualified Assessor's plan to secure adequate quality assurance services from a different Home Energy Score Partner.

### 3. Quality Assurance (QA)

To ensure consistent scoring practices across Qualified Assessors, the Partner agrees to re-score, on a quarterly basis, a minimum of five percent (5%) of all homes scored using a separate Quality Assurance appointee.

#### Selection of Homes for QA

Quality assurance scores (QA checks) should be random, distributed across all Qualified Assessors within the program, and focused primarily on work performed by the newer and less experienced Assessors. QA checks on work performed by experienced Assessors who have consistently scored homes accurately should be a lower priority, but still performed periodically.

QA checks should reflect the make-up of the homes scored. For example, if 75% of a program's scores are completed on homes before improvements are made, then 75% of the QA checks should be performed on homes before improvements are made and only 25% on homes after improvements are made. Each home must be in the same condition for its initial score and the QA check; otherwise, results will likely not correspond.

#### QA Appointees

QA checks should be performed by a Quality Assurance appointee who works for an independent third party provider or for the Partner directly as approved by DOE. In cases where the Home Energy Score Partner is a private for-profit company with no binding implementation contract with a utility, state, or local government, QA checks must be performed by a third party QA provider. The Quality Assurance appointee must be a Home Energy Score Qualified Assessor as well as either a BPI Building Analyst (or higher BPI certification) or a RESNET Rater. The QA appointee should have quality assurance field experience and be more familiar with the Home Energy Scoring Tool than the Qualified Assessor being checked. Independent third party QA providers and/or appointees must have previous quality assurance experience and must have completed more than 200 whole house energy audits. Prior to initiating its quality assurance efforts, the Partner must provide documentation regarding the QA appointee's qualifications to their DOE account manager.

#### QA Process

For each QA check, the QA appointee is required to do an independent field assessment of the home. This assessment should not occur at the same time that the Qualified Assessor is scoring the home, although it can be done immediately before or after to accommodate the homeowner.

The QA appointee must not discuss his or her findings or calculations with the Assessor who scored the home until after each has completed data entry and produced a score. However, after independent scoring is completed, discussion between the QA appointee and Assessor is recommended to identify differences in interpretation or measurement and agree on a preferred approach going forward.

#### Reviewing QA Results

The score results of the Assessor and the QA check must be comparable. If results for the same home differ by more than one point (on the 10-point scale) OR by more than 10% of estimated energy use (source MBtu), the Partner must notify their DOE account manager to determine whether the home should be officially re-scored. If an Assessor consistently produces scores that are not comparable to the QA check scores, re-training is required and must be completed before the Qualified Assessor can score more homes. If there is a consistent discrepancy between a QA appointee's results and various Qualified Assessors' results, the QA appointee will require re-training. The Partner is responsible for monitoring and identifying these issues.

In addition to the QA checks, all Partners should perform quality assurance checks on data (desk reviews). While reviewing their Home Energy Score data, Partners should look for discrepancies between assessors to ensure consistent scoring across the program. For example:

- Is a Qualified Assessor consistently scoring houses high or low?
- Are there multiple Home Energy Score sessions for the same house? (Only one official Score Report for a specific assessment date should be associated with each house.)
- Is a Qualified Assessor repeatedly using the same values irrespective of house age or other house characteristics?

### Mentoring Requirements

The Partner also agrees to provide field mentoring for each new Assessor during their first home scoring session. Mentoring can be performed by either a QA appointee OR another Assessor with experience generating Home Energy Scores for at least 25 homes. During mentored sessions, the new Assessor and mentor are encouraged to communicate throughout the walk-through as well as during the scoring so that the mentor can share their experience and correct the Assessor should there be any misunderstandings of inputs, measurements, assumptions, etc. The mentored scoring session counts toward the Partner's five percent QA requirement.

## 4. Eligible Homes

The Scoring Tool is currently only available to score single family homes, including semi-attached homes (i.e., duplexes, townhouses). Note: Multi-family units cannot be scored using this tool. Partners interested in scoring multifamily buildings should contact DOE's commercial building energy asset score program ([asset.score@ee.doe.gov](mailto:asset.score@ee.doe.gov)). If questions arise concerning the application and/or use of the Scoring Tool, please contact [homeenergyscore@ee.doe.gov](mailto:homeenergyscore@ee.doe.gov) or your DOE account manager for clarification and assistance.

## 5. Linking to Other Software Tools

Software developers can license an application programming interface (API) in order to seamlessly link their tools to the Home Energy Scoring Tool. This capability reduces data entry burdens for Qualified Assessors already using other software tools. Software programs that make use of the API will need to satisfy DOE testing requirements to ensure that scoring through the API results in the same calculations as scoring directly through the Home Energy Scoring Tool online.

## 6. Home Energy Score Updates

In addition to providing homeowners with a Score at the time of the original energy assessment, Qualified Assessors and Partners can issue updated Home Energy Scores after the time of assessment. An updated Home Energy Score can be one of two types:

1. A home can be rescored if a Qualified Assessor performs an energy assessment after the improvements are made to the home.
2. A home can be rescored automatically each year without an additional assessment for up to 5 years after the initial home assessment. The new Score will list the original date of assessment but will indicate the most recent date that the home was scored. Qualified Assessors can provide an updated Home Energy Score to homeowners who are interested in having their homes scored using the latest version of the Scoring Tool. While a home's Score is unlikely to change, other information used in generating the Score (e.g., reference points, utility costs) will be updated on an annual basis.

## 7. Use of DOE Materials and DOE Seal

The Home Energy Scoring Tool generates a report with three pieces of information:

1. The Home Energy Score graphic, including the home's current Score, its anticipated Score after recommended improvements are made, and estimated savings from improvements. Partners may include their organization's logo in Home Energy Score report.

2. Home facts, or the home's asset summary that lists each data point input in the Scoring Tool to generate a Home Energy Score, as well as the home's estimated energy use per year broken down by total MBtu, Score basis MBtu, and fuel type, e.g. electricity in kWh and natural gas in therms.
3. Cost-effective energy improvement recommendations that are broken down as "Repair Now" and "Repair Later." If the Partner chooses to use its own energy upgrade recommendations rather than those generated by the Scoring Tool, a generic Home Energy Score Recommendations page should be included in the final report. The blank recommendation page indicates the Qualified Assessor will provide recommendations separately from the report.

In addition to the Home Energy Score report, DOE provides several other documents Partners or Qualified Assessors are STRONGLY encouraged to provide at the time of the assessment or when the Score is delivered to the homeowner.

1. Home Energy Score Overview: An explanation of how to interpret a home's Score, background on the scoring program, etc.
2. Consumer Advice: Guidance on what to look for when undertaking home energy improvements; pitfalls to avoid, etc.
3. Homeowner Tips: Suggestions on how to save energy through behavioral changes and home maintenance

In its implementation plan, the Partner must describe what information homeowners will receive, when and how they will receive it. If the Partner elects not to use some of the DOE-provided materials, other information should be provided in conjunction with the Score.

If the Partner would like to incorporate portions of materials provided by the Scoring Tool and/or DOE into its own materials, the Partner must adhere to the following rules. Partners must share an advanced copy of materials that incorporate DOE generated information with their DOE account representative.

1. If a Partner wants to incorporate the DOE seal into any of its materials, it must first receive permission from DOE, UNLESS the seal is to be used in the exact context as it is used on the Home Energy Score graphic (the first page of the Home Energy Score report).
2. If a Partner refers to DOE and/or the Home Energy Score in its materials, the following standard language must appear on that document (on or near the page in which DOE or the Home Energy Score is mentioned):

"The U.S. Department of Energy's Home Energy Score lets homeowners quickly and affordably know how their homes compare to others in terms of energy performance and what steps they can take to improve their home's efficiency."
3. If a Partner wants to incorporate the Home Energy Score (i.e., how a home scored on the 10-point scale) in its own homeowner packet, the Partner is encouraged to provide a context for the Score (e.g., show the entire 10-point scale or state that the home scored a "6 out of 10").

In all cases, Partners are strongly encouraged to work in advance with their DOE Home Energy Score account manager to ensure that a consistent message and clear, accurate information is provided to homeowners. Partners are also encouraged to explain that they are working in partnership with DOE. DOE will work with its Partners to draft acceptable language as needed. Partners are also welcome to use information directly off of the DOE Home Energy Score website to help explain the Score or the program to homeowners.

Public reporting burden for this collection of information is estimated to average 90 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Records Management Division, IM-23, Paperwork Reduction Project (1910-XXXX), U.S. Department of Energy, 1000 Independence Ave SW, Washington, DC, 20585-1290; and to the Office of Management and Budget (OMB), OIRA, Paperwork Reduction Project (1910-XXXX), Washington, DC 20503.