

## Eligible Improvements List<sup>1</sup>

### Home Energy Assessment

Home Energy Assessment providers in the St. Louis County SAVES™ program help you identify the best opportunities for comfort and savings in your home and can also walk you through a retrofit process from beginning to end. The costs of the assessment are also eligible for a state tax deduction.

Please visit [www.stlouiscountysaves.com/HomeOwners.aspx](http://www.stlouiscountysaves.com/HomeOwners.aspx) for some great information on the value of a professional home energy assessment.

### Insulation and Air/Duct Sealing

<b>Air Sealing</b>	Blower door test-in/test-out and combustion safety testing per BPI standards is required in order to properly address health and safety issues.
<b>Attic Insulation</b>	Upgrade to R-38 or greater
<b>Wall Insulation</b>	
<b>Crawl Space Insulation and Vapor Barrier</b>	Upgrade to meet or exceed 2009 IECC & Supplements
<b>Duct Sealing</b>	Duct pressure test-in/test-out required
<b>Duct Replacement</b>	Replacement to meet or exceed 2009 IECC & Supplements
<b>Duct/Pipe Insulation</b>	Upgrade to meet or exceed 2009 IECC & Supplements
<b>Attic Door Insulated Cover</b>	Upgrade to meet or exceed 2009 IECC & Supplements
<b>Attic Ventilation Measures<sup>2</sup></b>	Gable end venting, soffit/ridge venting and whole house fan removal/remediation are eligible examples.

### HVAC<sup>3</sup> (Heating, Ventilating and Air Conditioning) - Replacement Only

<b>Programmable Thermostats</b>	Required with every replacement HVAC project
<b>Furnaces - Gas/Propane</b>	High Efficiency (90 AFUE minimum)
<b>Furnaces - Oil</b>	High Efficiency (85 AFUE minimum)
<b>Boilers</b>	High Efficiency (90 AFUE minimum)
<b>Central Air Conditioners - Split</b>	High Efficiency (SEER 14.5 minimum; EER 12 minimum)
<b>Central Air Conditioners - Packaged</b>	High Efficiency (SEER 14 minimum; EER 11 minimum)
<b>Air-Source Heat Pumps - Split</b>	High Efficiency (SEER 15 minimum; EER 12.5 minimum; HSPF 8.5 minimum)
<b>Air-Source Heat Pumps - Packaged</b>	High Efficiency (SEER 14 minimum; EER 12.0 minimum; HSPF 8.0 minimum)
<b>Small Fan Motor Upgrades</b>	Type - ECM
<b>Flue Lining</b>	The costs of installing or repairing a flue liner for HVAC replacements is allowed to ensure health and safety in the home.
<b>Whole House Fan</b>	High efficiency models which incorporate mechanically assisted insulated doors/dampers

## Water Heating - Replacement Only

<b>Electric (Heat Pump)</b>	ENERGY STAR Qualified
<b>Gas and Oil</b>	ENERGY STAR Qualified

## Doors, Windows and Roofing<sup>2</sup> - Replacement Only

<b>Doors</b>	ENERGY STAR Qualified for North-Central Climate Zone
<b>Windows</b>	ENERGY STAR Qualified for North-Central Climate Zone (U-factor of 0.32 or less AND SHGC of 0.40 or less)
<b>Skylights</b>	ENERGY STAR Qualified for North-Central Climate Zone (U-factor of 0.55 or less AND SHGC of 0.40 or less)
<b>Storm Windows</b>	
<b>Roofing</b>	Only the cost difference/premium between standard roof and ENERGY STAR roof is eligible for financing.

## Solar Photovoltaic & Hot Water Systems

Renewable solar projects are eligible and will be reviewed on a case by case basis

## Health & Safety Improvements

As determined and recommended by a home energy assessment (utilizing a Home Performance with ENERGY STAR contractor). Examples include toilet exhaust fans (and associated venting to exterior) and flue lining for orphaned water heaters. Funds used for such improvements are limited to the lesser of \$1,500 or 15% of total project costs.

## Rebates and Incentives

There are often substantial rebates and incentives available to St. Louis County homeowners for energy efficiency retrofit projects. Customers are responsible for securing any available rebates and incentives for measures chosen for financing through the **St. Louis County SAVES™** program. The contractor you select should help you in this process, but the ultimate responsibility is with the customer. The customer and contractor should review each project they submit to ensure available incentives are considered and obtained. Refer to respective incentive provider websites for latest details on available rebates:

<b>Laclede Gas Company</b>	<a href="http://www.originalgreenenergy.com">www.originalgreenenergy.com</a>
<b>Ameren Missouri</b>	<a href="http://www.ameren.com/sites/ae/MyHome/ResEfficiency/Pages/default.aspx">www.ameren.com/sites/ae/MyHome/ResEfficiency/Pages/default.aspx</a>
<b>Kirkwood Electric</b>	<a href="http://www.kirkwoodmo.org/content/City-Departments/2020/rebate-program.aspx">www.kirkwoodmo.org/content/City-Departments/2020/rebate-program.aspx</a>
<b>State of Missouri</b>	<a href="http://www.dnr.mo.gov/energy/residential/homeenergyaudits.htm">www.dnr.mo.gov/energy/residential/homeenergyaudits.htm</a>
<b>Federal</b>	<a href="http://www.energystar.gov/taxcredits">www.energystar.gov/taxcredits</a>
<b>All Incentives</b>	<a href="http://www.dsireusa.org">www.dsireusa.org</a>

## Notes

1. **St. Louis County SAVES™** is willing to evaluate alternative products and systems that are not already covered within this list of eligible measures, provided they include commercially available technologies that are proven and tested to be reliable.
2. Properties (e.g., sites, buildings, structures, objects) of historic, archeological, or architectural significance designated by Federal, state, or local governments or property eligible for listing on the National Register of Historic Places, may be subject to additional compliance review to ensure conformance with the National Historic Preservation Act and/or review by the State Historic Preservation Office (SHPO). In general, any home 45 years old or greater that is seeking exterior improvements (i.e., windows, doors, roof) will need approval by SHPO prior to beginning any work through the program.
3. Contractor must perform Manual J calculations to determine the appropriate size/capacity of replacement equipment.