

Farm Shop Energy Efficiency Checklist

You can use this form to determine if there are potential energy savings for your farm that could be captured in an energy audit. If you have one or more item(s) that can be answered “yes”, an energy audit may be needed for your farm. Once you have filled out this form appropriately, you should discuss the results with an MU Extension Natural Resource Engineering Specialist located near your farm (contact information is at bottom of checklist). This form has been adapted for use from the MAESTRO (Missouri Agricultural Energy Savings Team - A Revolutionary Opportunity) Program and was originally developed by EnSave.

- Is insulation below average in your walls, ceiling and doors of the shop adequate?
 (In Missouri, recommended levels are 15 R-value in walls, 30 R-value in ceilings, and 10 R-value in doors.)
- Are you using incandescent lights, standard metal halide lamps, mercury vapor lamps, halogen lamps, or older T12 fluorescent fixtures?
- Are windows single pane?
 Is there an opportunity to replace with double glazed windows?
- Do you have a farm shop that is exposed to the elements without shelterbelt to the north and west side of your building?
- Do you have an older heater/heating system in your shop?
 Do you have the opportunity to upgrade to a more efficient system?
- Have you noticed air leaks around windows and doors?

YES	NO

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