

**701—42.47 (422) Geothermal heat pump tax credit.** For tax years beginning on or after January 1, 2012, a geothermal heat pump tax credit is available for residential property located in Iowa.

**42.47(1) Calculation of credit.** The credit is equal to 20 percent of the federal residential energy efficient tax credit allowed for geothermal heat pumps provided in Section 25D(a)(5) of the Internal Revenue Code. The federal residential energy efficient tax credit for geothermal heat pumps is currently allowed for installations that are completed on or before December 31, 2016. Therefore, the Iowa tax credit will be available for the 2012 to 2016 tax years. The geothermal heat pump must be installed on or after January 1, 2012, to qualify for the Iowa credit. If the taxpayer installed a geothermal heat pump and initially reported the federal tax credit for a tax year beginning prior to January 1, 2012, no Iowa credit will be allowed.

EXAMPLE: A taxpayer reported a \$6,000 geothermal tax credit on the 2011 federal return due to an installation that was completed in 2011. The taxpayer applied \$2,000 of the credit on the taxpayer's 2011 federal return since the federal tax liability was \$2,000. The remaining \$4,000 of federal credit was applied on the 2012 federal return. No credit will be allowed on the 2012 Iowa return since the installation was completed before January 1, 2012.

**42.47(2) Claiming the tax credit.** The geothermal heat pump tax credit will be claimed on Form IA 148, Tax Credit Schedule. The taxpayer must attach federal Form 5695, Residential Energy Credits, to any Iowa tax return claiming the geothermal heat pump credit. Any tax credit in excess of the tax liability for the tax year may be credited to the tax liability for the following ten years or until used, whichever is the earlier.

This rule is intended to implement 2012 Iowa Acts, Senate File 2342, section 1.

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