

Tax Credits, Grants, & More

John Sarver

Energy, Labor & Economic Growth

517/241-6280

sarverj@michigan.gov

www.michigan.gov/energyoffice

Federal Tax Credits

- I'm no tax authority
- Not comprehensive
- Most extended to 2016
- Caps lifted
- Increased home max from \$500 to \$1500

Home Efficiency Improvements

- Water heaters, furnaces, boilers, heat pumps, AC, insulation, windows, doors, roofs, circulating fans, biomass stoves
- 30% of expenses
- Just 2009 & 2010
- Cap raised to \$1500

Commercial Buildings

- Tax deduction \$1.80 per sq. ft.
- Partial deduction \$.30-.60

Lighting, HVAC, Building Envelope

- Annual energy costs
50% ASHRAE 90.1-2001
- Through 12/31/13

Hybrid Electric Vehicles

- Max of \$7,500 for light duty
- Max of \$15,000 for heavy duty
- Capped at 250,000 vehicles
- Expires 12/31/14
- Commercial heavy duty ends 12/31/09

Residential Solar Tax Credits

- Through 12/31/16
- 30% of expenses
- PV or Solar Water Heating (SRCC certified)
- No max
- Does not have to be principal residence



Business Solar Tax Credits

- Through 12/31/16
- 30% of expenses
- PV or Solar Thermal
- No max



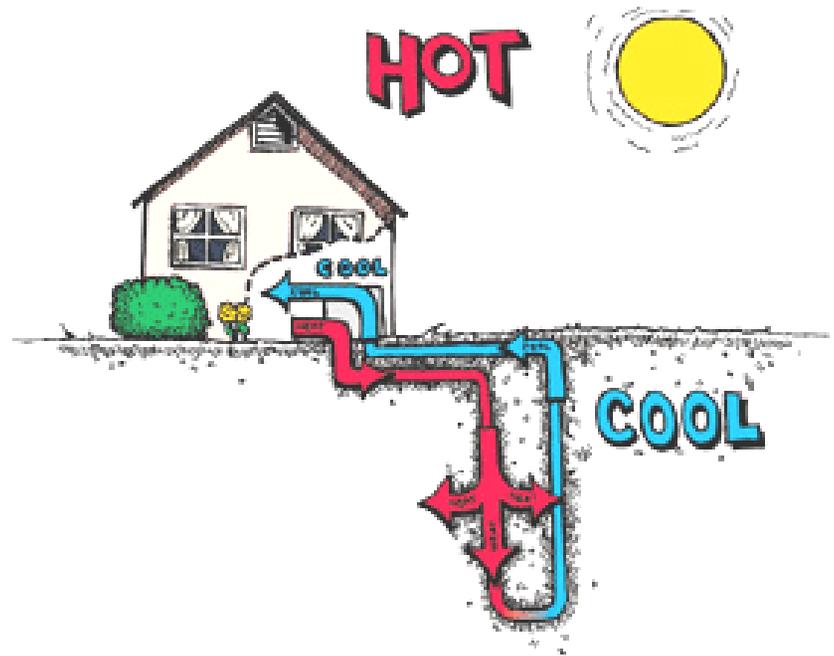
Small Wind Tax Credits

- 30% of expenses
- No cap
- Through 12/31/16
- 100 kW or less



Geothermal Tax Credits

- 30% residential
- 10% business
- No cap
- Through 12/31/16



Other Business Tax Credits

- Through 12/31/16
30%
- Fuel cells .5 kW or greater
10%
- Geothermal
- Microturbines 2 MW or less
- CHP 50 MW or less

Rural Energy for America Program

- \$60 million available nationwide
- Farmers & rural small businesses
- Renewable energy systems
- Energy efficient improvements
- Feasibility studies for renewable energy
- Up to 25% costs for grants
- Up to 75% costs for guaranteed loans

Rural Energy for America Program

- Energy efficiency \$1,500-\$250,000
- Renewable energy \$2,500-\$500,000
- Feasibility studies max \$50,000
- Loans \$5,000-\$25 million
- Deadline July 31, 2009
- East Lansing Office (517) 324-5157
- <http://www.rurdev.usda.gov>.

Local Government Grants

- Economic recovery \$
- Energy Efficiency Conservation Block Grants
- Big cities (35,000+) & counties (200,000+) get direct grants from DOE
- Smaller incorporated local governments eligible for competitive grants

Local Government Grants

- State block grant - \$19 million
- EE/C planning & projects 79%
- LED/solid state lighting demos 10%
- Coordination & administration 10%
- Technical support 1%

Local Government Grants

- Issue Request for Proposals
early August
- Proposals due
late August
- Award grants
October

Energy Optimization Programs

- Appliance rebates
- HVAC improvements
- Energy Star homes
- Refrigerator recycling
- Custom measures for businesses
- Small business direct install

Green Jobs Initiative



www.michigan.gov/greenjobs

Green Lodging Michigan



Information Resources

- Energy Tidbits newsletter
- Energy Demonstration Centers
- www.dsireusa.org
- www.michigan.gov/energyoffice
- www.glrea.org