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## ***Managing Home Energy Costs***

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*Deb Martin Young  
Regulatory Support Services*

*Montana Governor's Energy Symposium  
October 18, 2005*



# ***Universal System Benefits/ Demand Side Management***

- **E+ Audit for the Home (Universal System Benefits)**
  - § **Legislatively mandated charge on the monthly bill ... directed to low income weatherization and bill assistance, renewable energy, energy conservation and market transformation**
- **E+ Natural Gas Home Savings Program (Demand Side Management)**
  - § **Resource acquisition as part of the natural gas default supply portfolio**

# HOW'S YOUR HOME'S EFFICIENCY?

FREE ENERGY AUDIT.  
CALL 1-800-823-5995



[www.northwesternenergy.com/energy](http://www.northwesternenergy.com/energy) **NorthWestern**  
Energy

## ***E+ Audit for the Home***

- **Free Audit for space or water heat customers**
- **2,500 homes per year –**
  - § **Only one audit per home (since 1992)**
  - § **Home built more than five years ago**
  - § **Low income customers referred to HRCs for FREE Weatherization Program**

## ***E+ Audit for the Home***

- **Survey of appliances and customer use**
- **Gas appliance check for space/water heating customers**
- **Evaluation of insulation, windows, doors**
- **Blower door test – checks leakiness/tightness of home**
- **Customized report with recommendations and payback information**
- **Free installation of materials as appropriate**

## ***E+ Audit for the Home***

- **Free materials installed as appropriate**
  - § **Water heater insulation blanket**
  - § **Pipe insulation (up to 10 feet)**
  - § **Low-flow showerhead**
  - § **Kitchen and bathroom aerators**
  - § **Compact fluorescent light bulbs (CFLs)**

# E+ Natural Gas Home Savings Program

*Plan for Winter NOW...*

*Attend a Customer Appreciation or Weatherization Event! ...weatherize your home!*



NorthWestern Energy employees will be distributing FREE Weatherization Starter Kits, and demonstrating energy efficiency tips to get your home prepared for the upcoming winter heating season. At the Customer Appreciation Events, there will be fun and treats for the whole family!

**WEATHERIZATION EVENTS**  
at your NorthWestern Energy Service Center (unless otherwise noted)

Wadena, Saturday, Oct. 15*	10 a.m. - 3 p.m.	Fort Benton, Thursday, Oct. 27	3 p.m. - 8 p.m.
Philipsberg, Thursday, Oct. 20 (Firehall)	3 p.m. - 8 p.m.	Onisek, Friday, Oct. 28 (Senior Center)	3 p.m. - 8 p.m.
Kelso, Thursday, Oct. 20	3 p.m. - 8 p.m.	Bazeman, Saturday, Oct. 29*	10 a.m. - 3 p.m.
Oliver, Friday, Oct. 21 (The Beaverhead Search & Rescue)	3 p.m. - 8 p.m.	Harris, Saturday, Oct. 29*	10 a.m. - 3 p.m.
Hamilton, Friday, Oct. 21	3 p.m. - 8 p.m.	Levitown, Wednesday, Nov. 2	3 p.m. - 8 p.m.
Battle, Saturday, Oct. 22*	10 a.m. - 3 p.m.	Red Lodge, Thursday, Nov. 3	3 p.m. - 8 p.m.
Missoula, Saturday, Oct. 22*	10 a.m. - 3 p.m.	Coleman, Friday, Nov. 4	3 p.m. - 8 p.m.
Chesaw, Wednesday, Oct. 26 (Senior Center)	3 p.m. - 8 p.m.		

\* Requires a Customer Approved Utility Bank.

**Bring your NorthWestern Energy billing statement to claim your free Weatherization Starter Kit!**

- ⚙️ Service Your Heating System Regularly
- ⚙️ Set Water Heater Temperature at 120°
- ⚙️ Seal Air Leaks With Caulk or Insulation
- ⚙️ Have a Minimum of R-38 Insulation in Attic



**NorthWestern Energy**  
*Dedicated to Serving You*

Visit the Energy Savings Center at [www.northwesternenergy.com](http://www.northwesternenergy.com) for more energy saving tips and information about programs and services.

## ***E+ Natural Gas Home Savings Program***

- **October 2005 kick-off**
- **Influence customers to act this heating season**
- **Add insulation, install air-sealing measures, and ENERGY STAR<sup>®</sup> programmable thermostats where appropriate**
- **Fifteen weatherization events**
  - § **Distribute “starter” kits**
  - § **Customer education on saving energy**

# ***E+ Natural Gas Home Savings Program***

- **Weatherization starter kits – one per heating customer**
  - § **Window plastic for single pane windows**
  - § **Door sweep and door weather stripping for doors with air gaps**
  - § **Foam gaskets for light switches and outlets to seal leaks**
  - § **Can of insulating foam for air leaks**
  - § **Information on rebates for insulation and programmable thermostats**
  - § **Low flow showerheads and faucet aerators for water heat customers**
  - § **Compact fluorescent light bulbs (CFLs) for electric customers**
  - § **Information on energy audits and low income free weatherization program, discounts, energy share**
  - § **Demonstrations on how to install air sealing measures**

# ***E+ Natural Gas Home Savings Program***

- **Rebates for insulation and programmable thermostats**

- § **Cost effective –**

- **Attic insulation, basement wall, crawl space, exterior wall insulation**

- § **Rebate amount –**

- **Insulation added**
- **Preferred contractor**

- § **\$40 for ENERGY STAR<sup>®</sup> programmable thermostat**

## *Other E+ Energy Savings Programs*

- **CFL rebates, coupons, or promotional products for residential customers**
- **Commercial lighting rebates**
- **Incentives for new and retrofit commercial projects for electric savings with business partners**

## *Tips, Programs, Reference Materials*

- **Energy Saving Center at**  
**[www.northwesternenergy.com](http://www.northwesternenergy.com)**
  - § E-mail: [e+programs@northwestern.com](mailto:e+programs@northwestern.com)
  - § Phone: (800) 823-5995
- **Deb Martin Young**
  - § E-mail: [deb.young@northwestern.com](mailto:deb.young@northwestern.com)
  - § Phone: (406) 497-2339

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# *Questions*

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