

Member Pre-Service Orientation and Training Schedule

Day 1

Monday, October 19, 2009

Afternoon Arrival and check-in at Homestake Lodge

6:00pm Dinner at Broadway Pizza (*Join us for this optional dinner to meet your fellow Energy Corps team members! Meet at NCAT headquarters.*)

Day 2

Tuesday, October 20, 2009

8:30am Depart Homestake Lodge

9:00am Paperwork and Evaluations

10:00am Welcome to NCAT *Kathy Hadley, NCAT Executive Director*

10:10am Member introductions

10:20am Welcome to the Energy Corps *Holly Hill and Todd Hunkler, NCAT*

- AmeriCorps history
- Energy Corps goals and objectives
- Project discussion
- Policies and procedures
- Benefits and support networks

11:45am Break

12:00pm Lunch Panel: The history of energy assistance in Montana
Kathy Hadley, Tom Pelletier, Kay Joslin, NCAT
Ben Brouwer, Alternative Energy Resources Organization AERO, Moderator

1:00pm Community Organizing and Sustainable Energy *Ben Brouwer, AERO*

- Community organizing strategies
- Recent Montana sustainable energy case studies
- Overview of useful resources around the state, "Who's Who on the MT Energy Scene" (non-profits, businesses, individuals, educational programs, etc.)
- Identify leverage points and potential action items at a variety of community levels: neighborhood, utility programs, municipal infrastructure, city/county programs, schools, businesses

5:00pm Adjourn

Evening Dinner at Homestake Lodge



Day 3 **Wednesday, October 21, 2009**

8:30am Depart Homestake Lodge

9:00am Energy Essentials *Dale Horton, NCAT*

- Home energy basics / important terms / basic building science ideas
- Home energy rating systems and techniques
- Important parts of home analysis/ fixing the problems
- Basic ways to improve home efficiency

11:00am NCAT All Staff Meeting (*Learn more about NCAT projects and meet our staff!*)

12:00pm Lunch

1:00pm Energy Essentials Continued *Dale Horton, NCAT*

3:00pm Break

3:15pm Renewable Energy *Dave Ryan, NCAT*

- Codes and safety
- Solar water heating
- Distributed electric generation “solar electric” and “small wind”
- Net metering and Interconnection

5:30pm Adjourn

Evening Dinner at Homestake Lodge

Day 4 **Thursday, October 22, 2009**

8:30am Depart Homestake Lodge

9:00am Residential Weatherization Training *Don Reich, KEMA*

- Installation of door weatherstripping
- Installation of a door sweep
- How to install window plastic
- Installing foam gaskets
- Filling gaps and seams using a can spray foam
- Installing compact fluorescent light bulbs in proper locations
- Installation of water measures such as showerheads, kitchen aerators, etc.

11:15 Lunch



12:15 Depart for Sage Mountain Center

1:00pm Sage Mountain Center Tour *Chris Borton, Sage Mountain Center*

The half-day training will expose members to an array of hands-on energy technologies and principles including: Passive Solar Home Design, Strawbale and Cordwood Construction, Solar Electricity, Domestic Solar Hot Water Heating, Small Wind Generation, Greywater Heat Recovery System, Organic Food Production (small scale), Super Insulation Techniques, Efficient Lighting and Appliances, Integrated Recycling System, and more.

5:00pm Depart for Homestake Lodge

Evening Dinner at Homestake Lodge

Day 5 **Friday, October 23, 2009**

8:30am Depart Homestake Lodge

9:00am Lighting Essentials *Dave Houser, Stacie Barry, Sandra Anderson, NCAT*

10:30am Commercial Energy Audit Walkthrough

12:00pm Lunch

Afternoon Training wrap-up and closing, thoughts, conclusions, evaluations

AmeriCorps pledge, swearing in and celebration!

4:00pm Butte historic trolley tour

6:00pm Group dinner at Metals Sports Bar & Grill

Day 6 **Saturday, October 24, 2009**

8:00am Breakfast at Homestake Lodge

9:00am Depart Homestake Lodge

10:00am Northwestern Energy Fair

- Host table at fair to distribute energy education materials
- Help to distribute weatherization kits with Northwestern Energy
- Sign up individuals needing assistance installing weatherization kits

3:00pm Depart for home – thank you for coming and travel safely!

