

Geothermal Heat Pump Workshop

March 20-21, 2008, Sioux Falls, S.D.

March 20: 9 a.m. – 5:30 p.m.

March 21: 7:30 a.m. – noon

Holiday Inn — City Centre

100 West 8th Street

Sioux Falls, S.D. 57104

Geothermal heat pumps are a clean, “green,” heating-and-cooling system that could potentially save consumers, utilities and the nation trillions of Btus of energy for space conditioning and water heating.

Attendees will:

- Learn how to use Western’s *Geothermal Heat Pump Handbook* and accompanying calculators to determine benefits and costs of GHP programs
- Hear case studies from utilities with GHP program experience

- Find out about the latest developments in equipment, drilling and service delivery

The second day is an optional workshop that goes into greater detail on GHP applications and economics.

AGENDA

March 20

9:00 a.m.	Registration
9:30	Opening remarks: Tom Holt, East River; Mike Radecki, Western; Mike Pehosh, NRECA
10:00	Preview of Day Two: Guy Nelson, UGWG Team Leader
10:15	New Technologies: Dr. Charles Remund, South Dakota State University
11:00	Break
11:15	Case histories: Brandon Darnell, Energy Dynamics
12:15 p.m.	Lunch presentation: Georg Schultz, USDA – Rural Utility Service
1:30	GHP analytical tools: Katherine Johnson, Market Development Group
2:15	Breakout sessions (residential, commercial and utility business cases)
3:15	Break
3:30	Breakout session debrief and field trip
5:30	Adjourn

March 21 (optional)

7:30 a.m.	Continental breakfast
8:00	“A Tale of Two Buildings” side by side building energy use is compared, one using GHP and the other using conventional HVAC.
8:30	Additional guidebook and worksheet training using utility data
10:00	Break
10:15	GHP technologies in waste heat recovery applications
10:45	Performance History of GHPs: Steve Wegman, S.D. Public Utilities Commission
11:00	Product and services panel
Noon	Adjourn

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Registration via check:

March 20 Workshop only _____ @ \$50 per person _____
March 21 Workshop only _____ @ \$25 per person _____
Total _____

Name _____

Organization and title _____

Address _____

State and zip _____

Phone _____ Fax _____ E-mail _____

**Make checks payable to
East River Electric Power Cooperative
and mail to:**

Roger Wubbena
East River Electric Power Cooperative
PO Box 227
Madison, SD 57042-0227

Hotel Accommodations

Holiday Inn — City Center
100 West 8th Street
Sioux Falls, SD 57104
800-465-4329
Fax: 605-339-3724
fsddt@jgh.com

The event is based on the successful workshop in Bismarck, N.D., in September, 2007.

A similar workshop is scheduled in Redwood Falls, Minn., March 17–18.

Questions about either workshop?

Contact Guy Nelson, Utility Geothermal Working Group, 541-994-4670, energyguy@utilityforum.com.