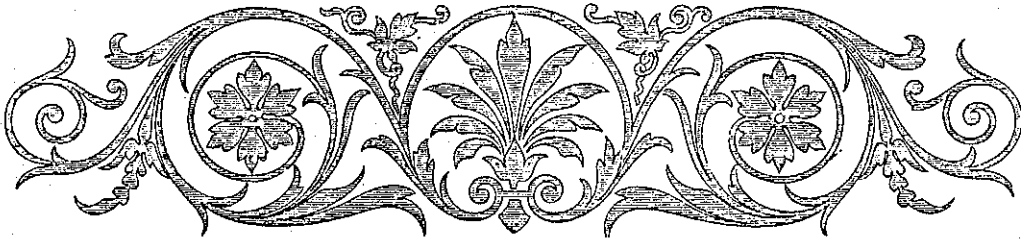
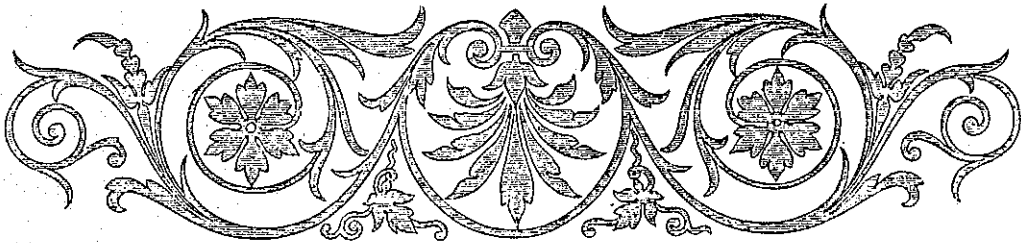


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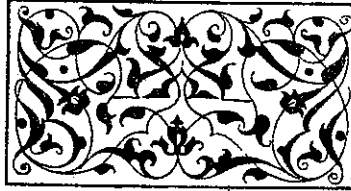


COMMUNITY
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AS AN
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STRATEGY

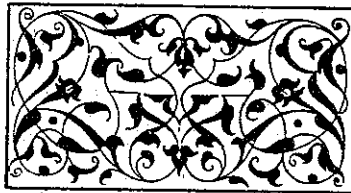


PROGRAM ANNOUNCEMENT

October 14-16, 1984
Nebraska Center for Continuing Education
Lincoln, Nebraska



The mission of the Nebraska Energy Office is to move the state of Nebraska toward energy independence through locally-based energy planning and action resulting in economic development opportunities for all Nebraskans.



Department of Community and Regional Planning
And
Community Resource and Research Center
University of Nebraska-Lincoln



Nebraska Energy Office

Western Area Power Administration
Loveland, Colorado

The Nebraska Energy Office, in cooperation with the University of Nebraska's Department of Community and Regional Planning and Community Resource and Research Center at Lincoln, is pleased to convene an interdisciplinary colloquium on October 14-16, 1984, in Lincoln at the Nebraska Center for Continuing Education. The overall theme will be "Community Energy Management as an Economic Development Strategy."



PURPOSE

Most energy programs now underway, whether the low-income weatherization efforts or the funding of research and development for alternative fuels, were born in crisis. Now that the crisis of price shocks or threatened shortages appears to have been stabilized, many programs are on the decline. The papers to be presented suggest, however, that energy management still presents an enormous economic development opportunity. The purpose of this colloquium is to explore new perspectives and to examine new evidence that can assist the transition of energy program from a mentality of crisis to one of economic opportunity.

Energy as the invisible economic factor in our lives can only be profitably acted upon when it is made visible to us through a dynamic economic analysis. It is a major goal of this colloquium to develop a quality blending of the academic perspective and real-world experience which we all hope for but seldom see. It is for that reason that you are eagerly invited to share insights you may have to offer to supplement the contributions of the presentors.



SCHEDULE OF EVENTS

SUNDAY, OCTOBER 14

- | | |
|--------|---|
| 5-7 pm | Registration |
| 7-9 pm | Reception and Opening Address Denis Hayes Former Director of the Solar Energy Research Institute and author of <u>Rays of Hope</u> , Palo Alto, CA |

MONDAY, OCTOBER 15



- 7-8 am Continental Breakfast
- 8-8:45 am Plenary Session
- 9-Noon Concurrent Session I
ROOM ONE—Emerging Community
Technologies

**“Superinsulation Retrofits: An Effective
Integration of Community Economic
Development and Community Energy
Management”**

James E. Masker

Coordinator of Educational Services,
National Center for Appropriate
Technology, Butte, MT

Gary Nelson, Energy Conservatory,
Minneapolis, MN

Fredric L. Quivik, Building Recycling Specialist
and Architectural Historian of Renewable
Technologies Inc. (RTI), Butte, MT

**“Financial and Economic Dimensions of a
Community Refuse-Derived-Fuel System”**

Jack R. Huddleston, Ph.D., Associate Professor,
Department of Urban and Regional
Planning, University of Wisconsin-Madison

Prem P. Pangotra, Ph.D., Department of
Urban and Regional Planning, University of
Wisconsin-Madison

George C. Penn, Student, Energy Analysis and
Policy Program, University of Wisconsin-
Madison

**“District Heating and Cooling Systems and
Community Development: Some
Preliminary Observations”**

Michael J. Meshenberg, Urban Planner, Energy
and Environmental Systems Division,
Argonne National Laboratory, Argonne, IL
John Tschanz, Urban Planner, Energy and
Environmental Systems Division, Argonne
National Laboratory, Argonne, IL

**“Economic Implications of Climate
Appropriate Residential Design:
Superinsulation”**

Roger A. Tinklenberg, Director, Energy
Management Program, St. Louis, MO

**“Incineration-Hydroponic Greenhouses:
Something for Small Cities”**

Edmund H. Dederling, Block Grant
Administrator, Chilton, WI

ROOM TWO—Consumer Perspectives on
Conservation

**“Heating System Retrofits: An Alternative for
Low-Income Housing”**

Martin I. Scherr, Senior Program Manager,
Alliance to Save Energy, Washington, DC

**“Consumer Demand and the Existing Market
for Conservation Measures Affecting
Residential Space Conditioning Energy
Use”**

Donis N. Petersan, Nebraska Public Power
District, Columbus, NE

**“A Community Energy Efficiency Approach
(CEE)”**

Curtis E. Gear, Jr., Community Development
Specialist, University of Wisconsin-Madison
Bruce H. Murray, Professor, Landscape
Architecture, University of Wisconsin-
Madison

ROOM THREE—The Creative Opportunities
in Government

**“An Evaluation Matrix for Public
Policymakers Comparing Local Energy
Investments”**

Skip Laitner, Chief, Strategic Conservation
Division, Nebraska Energy Office, Lincoln,
NE

**“Energy Efficient Energy Codes and
Community Economic Benefits”**

Jacob Fey, Energy Conservation Coordinator,
Tacoma, WA

**“The Emerging Role of Local Government-
Utility Cooperation in the Pacific
Northwest”**

Craig Ward, Program Manager, Clearwater
Economic Development Association, Moscow,
ID

Noon-1:30

Lunch

David Morris, Keynote Speaker
Director Institute for Local Self-Reliance and
author of Self-Reliant Cities, Washington,
DC

1:30-4:30 pm

Concurrent Session II

ROOM ONE—Integrating Utility Perspectives

**“Draining Our Local Economies: Central
Station Generation and Promotional Rates
as Negative Growth Factors”**

Thomas M. Power, Chairman and Professor,
Department of Economics, University of
Montana, Missoula, MT

“City and Utility Cooperation in Community Energy Management: Necessity and Convenience”

Mark E. Hanson, Assist. Professor,
Environmental Studies and Urban and
Regional Planning, University of Wisconsin-
Madison

Paul Oblander, Project Assistant, Energy
Systems and Policy Research Group,
University of Wisconsin-Madison

George C. Penn, Student, Energy Analysis and
Policy Program, University of Wisconsin-
Madison

“Designing Electric Rates to Conserve Community Resources, Enhance Local Productivity and Stem the Outward Flow of Energy Dollars: The OSL Rate Design Proposal for Nebraska”

Michael F. Sheehan, Partner, Osterberg and
Sheehan, Iowa City, IA

Skip Laitner, Chief, Strategic Conservation
Division, Nebraska Energy Office, Lincoln, NE

“Conservation and the Solar Utility Interface: The Role of Publicly Owned Utilities”

Joseph R. Herkert, Doctoral Candidate,
Department of Engineering and Policy,
Washington University, St. Louis, MO

“Utility Conservation Programs: A Step Toward Involvement in Community Energy Management”

Philip H. Kier, Energy and Environmental
Systems Division, Argonne National
Laboratory, Argonne, IL

ROOM TWO—Studies in Community Experiences

“Promoting Energy Conservation as an Investment Opportunity: Community Energy Management in Michigan”

John C. Jeppesen, Senior Evaluation Analyst,
Michigan Department of Commerce, Energy
Administration, Lansing, MI

**“Economic Development through Community
Wide Energy Management in Peoria,
Illinois”**

Nicholas P. Hall, Management Analyst, Illinois
Department of Energy and Natural
Resources, Springfield, IL

**“State Government and Communities: An
Energy Management Partnership Working
for Nebraskans”**

Ann Brockhoff, Manager, Nebraska
Community Energy Management Program,
Nebraska Energy Office, Lincoln, NE

**“Community Energy Planning as a Statewide
Economic Development Strategy”**

Gary Coates, Professor, Department of
Architecture, Kansas State University,
Manhattan, KS

Jim Dubois, Student, Master of Architecture
Program, Kansas State University, Manhattan,
KS

Steve Ernst, Field Representative, Kansas Small
Cities Community Development Block Grant
Program, Topeka, KS

**“Energy Management: An Analysis of
Community Endeavors”**

E. Raedene Combs, Assoc. Professor,
Department of Education and Family
Resources, University of Nebraska—Lincoln
Susan A. Hansen, Graduate Assistant,
Department of Education and Family
Resources, University of Nebraska—Lincoln

ROOM THREE—Holistic Perspectives

“The Economic Renewal Project”

Julie VanDomelen, Research Associate, Rocky Mountain Institute, Old Snowmass, CO
Michael Kinsley, Research Associate, Rocky Mountain Institute, Old Snowmass, CO

“Greater Boise’s Carrying Capacity: The Energy Resource System”

Douglas L. Burr, Project Coordinator, Boise Future Foundation, Boise State University, Boise, ID

“Energy, Society and Community”

Jerry L. Wade, State Community Development Specialist, University of Missouri, Columbia, MO
Betty Wells, Extension Sociologist, Iowa State University, Ames, IA

“Coincidences Between Italian Vernacular Architecture and Climate Conditions”

John L. Motloch, Assist. Professor, Department of Landscape Architecture, Texas A&M University, College Station, TX

6:30-7:30 pm

Cocktail Reception

7:30 pm

Dinner


TUESDAY, OCTOBER 16

8:30-11:30 am

Concurrent Session III
ROOM ONE—Innovative Financing
Mechanisms

“Shared Savings for Rural America”

Keith Wiens, Project Director, Harvey County Citizen’s Energy Project, Newton, KS

“Encouraging Non-Profit Energy Conservation”

Elizabeth Cabral-Curtis, Executive Vice-President, Technical Development Corporation, Boston, MA

“Capturing Community Economic Potential Through Utility Conservation Investment”

Robert Pauls, Energy Coordinator, Carbondale, IL

“The St. Paul Minnesota Shared Savings Program for Multi-Family Dwelling Units”

Tom Griffin, Executive Director, Energy Resource Center, St. Paul, MN

“Utility Sponsored Third Party Financed Residential Conservation”

Frank Roberts, Masters Candidate, Energy Management and Policy Program, University of Pennsylvania, Philadelphia, PA

ROOM TWO—Exploring Economic Potential

“The Impact of Imported Energy on Communities: A Nebraska Case Study”

Donald W. Macke, Research Coordinator, Center for Great Plains Studies, University of Nebraska—Lincoln

“Economic Evaluation in Energy Planning”

Rebecca Lee Flora, Planner, K. W. Poore and Associates, Richmond, VA

“Employment Benefits of Energy Efficient Building Codes”

Mark Cherniack, Conservation Analyst, Northwest Power Planning Council, Portland, OR

“A Comparison of Energy Self-Reliance and Industrial Development as an Economic Development Strategy”

Paul R. Flora, Senior Planner I, Richmond Regional Planning District Commission, Richmond, VA

ROOM THREE—Positive Regulatory Approaches

“The Role of the Federal Bureaucrat”

Mark N. Silverman, Assistant to the Administrator for Conservation and Environment, Western Area Power Administration, Golden, CO

“Property Tax Incentives for Energy Conservation”

Nels R. Leutwiler, Staff Attorney, Western Interstate Power Board, Denver, CO

“Providing Solar Access in Nebraska”

Debra Stangl, Attorney-at-Law, Omaha, NE

“The Role of Power Plant Certifications: Model State Legislation”

Roger D. Colton, Attorney-at-Law, Community Action Research Group, Ames, IA

Noon-1:00 pm

Luncheon and Concluding Speaker

Tina Hobson

Director of the Solar Lobby and former Director, Department of Consumer Affairs, U.S. Department of Energy, Washington, DC

1:00-2:30 pm

Closing panel and remarks



REVIEW PANEL

Skip Laitner (Coordinator)

Nebraska Energy Office—Lincoln, NE

Roger D. Colton

Community Action Research Group—Ames, IA

Dr. Charles Deknatel

University of Nebraska—Lincoln

Denise Disney

Nebraska Energy Office—Lincoln, NE

Dr. Martha Gilliland

University of Nebraska at Omaha

David T. Glaze, Deputy Director

Nebraska Energy Office—Lincoln, NE

Kandra Hahn, Director

Nebraska Energy Office—Lincoln, NE

Dr. F. Gregory Hayden

University of Nebraska—Lincoln

Dr. Bruce Johnson

University of Nebraska—Lincoln

Doug Kruse

Nebraska Department of Economic Development—Lincoln, NE

Don Macke

Center for Great Plains Studies—Lincoln, NE

David Morris

Institute for Local Self-Reliance—Washington, DC

Dr. Jerry Petr

University of Nebraska—Lincoln

Dr. Gordon Scholz

University of Nebraska—Lincoln

Dr. Michael Sheehan

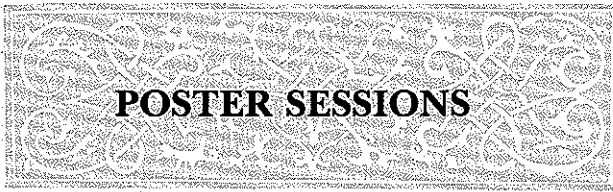
Osterberg & Sheehan—Iowa City

Dr. Larry Swanson

Center for Great Plains Studies—Lincoln

Gaye Wiekierak

Nebraska Energy Office—Lincoln, NE



POSTER SESSIONS

(All on Monday, October 15, 1984)

9-10:30 am

“Methodology for Assessing Barriers to Local Energy Development”

Drew Mattson, Economic Analyst, Minnesota Department of Energy and Economic Development

“Community Energy Planning, Conservation and Resource Utilization”

Eino O. Kainlauri, Ph.D., AIA, Professor of Architecture, Iowa State University, Ames, IA

10:30-Noon

“Community Energy Management”

Glenn Bowles, Hildreth, NE

“A Case Study in Organizing a Rural Community Energy Plan”

Keith Wiens, Project Director, Harvey County Citizen's Energy Project, Newton, KS

“The Formation of a Federation of Community Based Organizations for the Purpose of More Effectively Delivering Conservation Services”

Bradley Steele, President, Energy Federation, Inc., Framingham, MA

1:30-3:00

“Energy in Agriculture”

Robert Steffen, Vice-President, Bio-Dynamic
Farm and Garden Association, Bennington,
NE

“The Springfield Energy Project: Planning,
Process, Problems and Prognosis”

Alexander Casella, Director of Energy Studies,
Sangamon State University, Springfield, IL

“Energy Planning and the Public Purpose: An
Evaluation of Energy User State Planning”

Denise Disney, Conservation Program
Coordinator, Nebraska Energy Office,
Lincoln, NE

Jan L. Larson, Research Assistant, Nebraska
Energy Office, Lincoln, NE

Skip Laitner, Chief, Strategic Conservation
Division, Nebraska Energy Office, Lincoln,
NE

Kandra Hahn, Director, Nebraska Energy
Office, Lincoln, NE

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(Make checks payable to the "University of Nebraska")

Registration Fee \$ 55.00

(Includes breakfast, lunch and dinner on October 15 and lunch on October 16)

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