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State Standards, Plans and Programs for Energy Conservation of Consumer Products

Sophie J. Chumas

Office of Standards Information, Analysis, and Development
National Engineering Laboratory
National Bureau of Standards
U.S. Department of Commerce
Washington, D.C. 20234

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Prepared for
Division of Operational and Environmental Safety
Department of Energy
Washington, D.C. 20545
STATE STANDARDS, PLANS AND PROGRAMS FOR ENERGY CONSERVATION OF CONSUMER PRODUCTS

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U.S. DEPARTMENT OF COMMERCE, Philip M. Klutznick, Secretary
Luther H. Hodges, Jr., Deputy Secretary
Jordan J. Baruch, Assistant Secretary for Productivity, Technology, and Innovation

NATIONAL BUREAU OF STANDARDS, Ernest Ambler, Director
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Preface

The Department of Energy, Division of Operational and Environmental Safety (DoE/OES) task directive was to provide an index of energy conservation-related standards from which any standards concerned with environmental, health and safety aspects could be recognized. The state inquiry was conducted to obtain information on standards for all energy conservation product-related measures.

This document furnishes the state energy conservation standards information relating to consumer products. In addition to the conclusions evidenced by this document, a bibliographic key-word-in-context (KWIC) listing, "KWIC Index of Standards for Energy Conservation of Selected Product-Related Measures" (draft copy), was provided to DoE/OES. The KWIC index contained existing engineering standards and regulations issued by the U.S. private sector, the Federal Government, and foreign organizations. These two documents were in response to one section of the Interagency Agreement.
States are responding to Federal requirements to develop procedures for public energy conservation measures and plans affecting the states. This document furnishes evidence of, or absence of, state legislation, regulations, voluntary standards, plans, and programs for energy conservation of consumer products. It also identifies the states that are participating in the pilot program Energy Extension Service (EES). The survey was based on seven questions asked of each state. This document contains the state responses to the inquiry and a bibliography of the materials submitted in response to the survey.
Introduction

The Energy Conservation and Production Act of 1976 (ECPA), PL 94-385, instructed the state energy agencies to develop procedures for public energy conservation measures and energy conservation plans. National energy policy and conservation plans were identified by that Act, its predecessor (PL 94-163), the subsequent Act (PL 95-619), and the Federal Register.

The purpose of this document is to identify any state energy conservation legislation, regulations, voluntary standards, plans, and programs issued for the conservation of energy used by consumer products. The consumer products specifically identified in PL 94-163, Section 322 are: "(1) Refrigerators and refrigerator-freezers (2) Freezers (3) Dishwashers (4) Clothes dryers (5) Water heaters (6) Room air conditioners (7) Home heating equipment, not including furnaces (8) Television sets (9) Kitchen ranges and ovens (10) Clothes washers (11) Humidifiers and dehumidifiers (12) Central air conditioners (13) Furnaces (14) Any other type of consumer product which the Administrator classifies as a covered product under subsection (b)."

This document furnishes evidence of, or lack of, state energy standards and plans for consumer products and education. It also serves to identify state participation in the pilot Energy Extension Service. EES is a program supported by a grant from the U.S. Department of Energy (DoE).

Specifically, the inquiry was based on the following questions:

1. a. Has the state passed enabling legislation regarding energy conservation standards for consumer products?
   b. Have state regulatory standards been written as a result of any legislation? What are they?
   c. Which state agency has the regulatory authority?
   d. Which state agency is responsible for enforcing the regulations? What is the enforcement procedure, if any?

2. Is the state planning to pass enabling legislation or is the state waiting for the Federal standards to be issued?
3. Does the state have, or is it developing, any voluntary energy conservation and efficiency type standards for consumer products?

4. Does the state energy plan include public awareness programs regarding energy conservation and efficiency standards for consumer products?

Each state was asked to send any available literature in response to questions 1. (b) and (d), and 4.

In addition to state responses, this document provides a state contact for consumer legislative-type inquiries. It also provides a bibliography of the states' existing legislation and the publications resulting from plans and programs for the conservation of energy used by consumer products. The bibliography consists only of those state materials submitted to the National Bureau of Standards, Office of Standards Information, Analysis, and Development, as a result of the inquiry. A few state officials mentioned that additional state plans may be found on file at DoE.

Excluded from this document are questions on energy conservation that fall in the subject-areas of solar energy and all other renewable energy sources; housing and building including the building codes; state procurement policies and standards; automobiles; and decorative lighting. Information in the subject-area of housing and buildings is covered by a three-parts-in-one document, "States' Energy Conservation Standards for New Housing and Buildings: (1) Status of Regulatory Activities; (2) Development, Administration and Enforcement Processes; and (3) State Legislative Analysis," issued by the National Institute of Building Sciences, Washington, D.C., 1978.

The survey identified nine states -- California, Hawaii, Iowa, Michigan, Minnesota, Nevada, New Jersey, New York, and Wisconsin -- as having legislation on energy conservation relating to consumer products. Nevada has not issued any regulations to date although it passed enabling legislation authorizing the State's Department of Energy to promulgate regulations prohibiting the sale of appliances with standing pilot lights.

The state responses are in the same sequential order as the inquiry questions.
ALABAMA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - As a participant in the Energy Extension Service (EES) program, a pilot project sponsored by the U.S. Department of Energy, the Alabama Energy Management Board used DOE/EES materials in informing people about the energy efficiency ratios of various consumer products.

Contact: Edwin G. Hudspeth
Staff Director
Alabama Energy Management Board
Alabama Development Office
3734 Atlanta Highway
Montgomery, Alabama 36130
Telephone: (205) 832-5010

NOTE: A disclosure system for various energy-consuming devices was proposed by the Alabama Energy Management Board but was met with opposition from builders and real estate dealers. A final copy of the disclosure form is being developed, however, and will be available upon request to any citizen interested in comparing the annual operating costs of a home's heat pumps, furnaces, air conditioners, refrigerators, stoves, etc., to the operating costs of other systems.
ALASKA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs - The Alaska State Energy Plan does not include specific programs regarding consumer products.

Contact: Clarissa M. Quinlan
Director
Alaska State Energy Office
MacKay Building
338 Denali Street
Anchorage, Alaska 99501
Telephone: (907) 276-0508
ARIZONA

- No enabling legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The Arizona Office of Energy Policy and Conservation has used U.S. Department of Energy publications such as Tips for Energy Savers to inform citizens about energy conservation in the home. A brochure pertaining specifically to appliance use is being developed by the Public Information Staff for publication in 1980.

Contact: Gerry Cunningham
Chief
Office of Energy
Office of Economic Planning and Development
Office of the Governor
Capitol Tower, Room 504
Phoenix, Arizona 85007
Telephone: (602) 255-5371
ARKANSAS

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Since the Arkansas Department of Energy was only created in July of 1979, public awareness programs are concentrating first in such areas as carpooling and home insulation.

Contact: Paul Lavy
Director
Arkansas Department of Energy
3000 Kavanaugh Street
Little Rock, Arkansas 72205
Telephone: (501) 371-1370
In 1975 the California legislature passed enabling legislation, the State Energy, Resources, Conservation, and Development Act (popularly known as the Warren-Alquist Act), creating the State Energy, Resources, Conservation, and Development Commission. Energy conservation standards regarding consumer products that were issued as a result of this legislation are the "Regulations for Appliance Efficiency Standards," California Administrative Code: Title 20 Chapter 2, Sub-Chapter 4, Article 4, as amended July 19, 1978.

The California Energy Office has both regulatory and enforcement authority. Enforcement methods are as follows:

Manufacturers' self-certification through State Energy Office directories which provide energy efficiency ratios of various appliances.

Appliances taken at random by State Energy Office personnel to an independent testing agency.

Spot checking and testing of appliances at various retail stores.

Non-compliance results in manufacturers paying for the costs of testing and taking steps to recertify the appliance.

No voluntary energy conservation standards for other consumer products.

Plans and Programs - Sections of individual California Energy Office directories, stating the energy efficiency ratios for refrigerators and freezers, room and central air conditioners and water heaters, are listed as "Best Buys" and published by state utility companies for distribution with customer monthly billing statements.

Contact: Donald Watson
Acting Director
Conservation Division
Energy Resources Conservation and Development Commission
1111 Howe Avenue
Sacramento, California 95825
Telephone: (916) 920-6091

NOTE: California's regulations were prescribed prior to January 1, 1978, and therefore will not be preempted by forthcoming Federal standards.
COLORADO

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- The Office of Energy Conservation published and distributed an Energy Scorecard, a self-audit form which allowed a consumer to determine the amount of energy used in home appliances.

- Fact sheets headed Energynote, produced by the Office of Energy Conservation, provide homeowners with information to assist them in reducing energy consumption.

- The Office of Energy Conservation Residential Energy Conservation program encourages energy users to consider replacing old, inefficient heating equipment.

- To answer energy-related questions, a referral service is available to Colorado homeowners.

Contact: Buie Seawell
Director
Office of Energy Conservation, Office of the Governor
1600 Downing Street
Denver, Colorado 80218
Telephone: (303) 839-2507
No enabling state legislation regarding energy conservation standards for consumer products
Waiting for Federal standards to be issued
No voluntary energy conservation standards for consumer products

Plans and Programs
- Connecticut is a participant in the Energy Extension Service (EES) program, a pilot project sponsored by the U.S. Department of Energy, and distributes many of the DOE/EES publications regarding energy efficiency ratios of various appliances.

- Other information concerning appliance efficiency labeling is being developed by the Connecticut Department of Consumer Protection.

Contact: Thomas H. Fitzpatrick
Under Secretary of Energy
Energy Division
Office of Policy and Management
80 Washington Street
Hartford, Connecticut 06115
Telephone: (203) 566-5294
DELAWARE

0 No enabling state legislation regarding energy conservation standards for consumer products
0 Waiting for Federal standards to be issued
0 No voluntary energy conservation standards for consumer products
0 Plans and Programs - Through the Delaware Energy Office's Public Education Program, a heavy emphasis is placed on public awareness of energy conservation measures in general. An energy hot-line service is provided for specific information regarding energy efficiency ratios.

Contact: David Swazye
Acting Director
Delaware Energy Office
P.O. Box 1401
114 W. Water Street
Dover, Delaware 19901
Telephone: (302) 678-5644
FLORIDA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- Information on life cycle costing and the energy efficiency ratios of various appliances has been included in the brochures, workshops, and media campaigns developed by the Florida State Energy Office and the Regional Energy Action Committees.

- The State Energy Office also works with the Florida Department of Agriculture and Consumer Services in promoting energy efficient purchasing information to Florida consumers.

Contact: Lex Hester
Director
State Energy Office
Office of the Governor
301 Bryant Building
Tallahassee, Florida 32301
Telephone: (904) 488-6764
o No enabling state legislation regarding energy conservation standards for consumer products
o Waiting for Federal standards to be issued
o No voluntary energy conservation standards for consumer products

- The Energy Resources Division provides printed materials and sponsors a variety of home energy conservation programs with information regarding appliance operation, home heating and cooling, and water heaters.

- Through the Residential Energy Conservation Plan, public utilities are required to offer home energy audits.

- Fact sheets, covering such subjects as maintaining heating systems and conserving hot water, are developed and distributed through a contract with the University of Georgia's Cooperative Extension Service.

Contact:  Mark Zwecker
Program Director
Energy Resources Division
Office of Planning and Budget
270 Washington Street, S.W.
Atlanta, Georgia 30334
Telephone: (404) 656-3874
HAWAII

- No overall enabling legislation regarding energy conservation standards for consumer products. However, a bill was passed by the Hawaiian Legislature which banned the sale and installation of gas appliances with pilot lights. Act 137, Senate Bill No. 1598-78 was approved May 30, 1978. The Department of Planning and Economic Development has regulatory authority and is responsible for enforcing this Act.

- No voluntary energy conservation standards for other consumer products were implemented.

- Plans and Programs - The State Energy Office does not have any specific programs regarding consumer products.

Contact: Alfred S. Harris
Manager
State Energy Office
Department of Planning and Economic Development
P.O. Box 2359
Honolulu, Hawaii 96804
Telephone: (808) 548-4080

NOTE: Any state requirement concerning gas pilot lights will automatically be preempted by Federal standards.
IDaho

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs

- Information on homeowner options for energy efficiency is distributed through state and federal materials and a monthly newsletter, *The Energy Update*. The Idaho Office of Energy staff, also offers personalized, technical assistance to consumers as part of Idaho's energy plan.

- The U.S. Department of Energy Extension Service (EES) program, provided outreach coordinators to encourage participation by Idaho citizens in energy audits and in the use of the *Home Energy Savers' Workbook*.

Contact: Robert Lenaghen  
Acting Director  
Idaho Office of Energy  
State House  
Boise, Idaho 83720  
Telephone: (208) 384-7724
ILLINOIS

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The Resource Conservation Division of the Institute of Natural Resources distributes a series of energy fact sheets which include information interpreting the energy efficiency ratio numbers on appliance labels.

Contact: Steve Thomas  
Resource Conservation Manager  
Institute of Natural Resources  
325 N. Adams, Room 300  
Springfield, Illinois 62706  
Telephone: (217) 785-2378
o No enabling state legislation regarding energy conservation standards for consumer products
o Waiting for Federal standards to be issued
o No voluntary energy conservation standards for consumer products

Plans and Programs
- Through media campaigns, speaking engagements, and printed materials, the Indiana Energy Group attempts to create an awareness of appliance energy consumption.

- The Indiana Energy Group works with utility companies in promoting pilotless ignition appliances.

Contact: Clarence Broadus
Director
Indiana Department of Commerce
Energy Group
440 North Meridian Street
Indianapolis, Indiana 46204
Telephone: (317) 232-8940
IOWA

- No overall enabling state legislation regarding energy conservation standards for consumer products; however, through the Iowa State Commerce Commission, state regulations exist pertaining to intermittent ignition devices. They are: Chapter 478 A, Code of Iowa, "Gas Lamps and Pilot Lights" and Chapter 26, Iowa Administrative Code, "Certification of Gas Appliances".

- The Iowa Commerce Commission has regulatory and enforcement authority for the regulations. Persons convicted of violating the provisions of Section 478A.2 shall be guilty of a simple misdemeanor.

- No voluntary energy conservation standards for other consumer products.

- Plans and Programs
  - Sponsored development of a computer-assisted home energy audit.
  - Developed and distributed a series of consumer brochures regarding the purchase of energy efficient appliances.
  - Energy workshops for the adult consumer are held throughout the state under contract with the Energy Resources Information Foundation (ERIF).
  - The Home Energy Savers Manual with chapters pertaining to hot water heaters, air conditioners, and room heaters is available to Iowa consumers upon request.

Contact:
Edward Stanek
Director
Iowa Energy Policy Council
Capitol Complex
Lucas Building, 6th Floor
Des Moines, Iowa 50319
Telephone: (515) 281-4420

NOTE: Any state requirement with respect to prohibitions on gas pilot lights will automatically be preempted by Federal standards.
KANSAS

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Through the Kansas Energy Office, material is distributed which offers suggestions for consumer buying, including explanations of the appliance energy efficiency ratios and the life cycle costing concept.

Contact: Joseph King
Director
Kansas Energy Office
503 Kansas Avenue
Topeka, Kansas 66603
Telephone: (913) 296-2496
**KENTUCKY**

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

**Plans and Programs**
- Designation of the Cooperative Extension Service to be the most significant delivery mechanism in accomplishing goals for home energy saving.
- Cooperation with the Continuing Education Offices of Kentucky's universities and colleges for the implementation of seminar programs addressing residential energy savings opportunities.
- Promotion of the life-cycle costing concept in appliance selection.
- Sponsorship through the Union of Kentucky Cooperative Extension Service, of a *Special Home Energy Edition* publication with suggestions regarding purchase and use of appliances.

**Contact:** Damon W. Harrison
Commissioner
Department of Energy
Capitol Plaza Tower
Frankfort, Kentucky 40601
Telephone: (502) 564-7416
LOUISIANA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Through public presentations and outreach materials, the Department of Natural Resources demonstrates the cost-savings of home energy conservation strategies.

Contact: T.C. Landrum
Director
Research and Development Division
Department of Natural Resources
P.O. Box 44156
Baton Rouge, Louisiana 70804
Telephone: (504) 342-4594
MAINE

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation and efficiency standards for consumer products
- Plans and Programs - Public awareness regarding consumer products is promoted through information available at workshops and through the distribution of state and federal printed materials.

Contact: John Joseph
Director
Office of Energy Resources
Executive Department
55 Capitol Street
Augusta, Maine 04330
Telephone: (207) 289-3811
MARYLAND

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- As part of the Public Awareness Program of the Maryland State Energy Plan, consumers are encouraged to look for and take into consideration the energy efficiency ratios that appear on appliance labels.

- The Maryland Energy Office prepares and distributes appliance wattage charts (brand names not given) that state the wattage of self-defrost and nonself-defrost refrigerators and freezers, hair dryers, toasters, air conditioners, and several other appliances.

- The Maryland Energy Office maintains a toll-free energy hotline and conducts the Home Energy Savers' Program, which includes the distribution of various guidebooks to assist homeowners in saving energy.

Contact: Dr. Donald E. Milsten
Director
Maryland Energy Office
301 West Preston Street
Baltimore, Maryland 21201
Telephone: (301) 383-6810
No enabling state legislation regarding energy conservation standards for consumer products

- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs - The Executive Office of Consumer Affairs and the Massachusetts utility companies provide consumers with information to assist them in home energy conservation measures and in the purchasing of energy-efficient appliances.

Contact: Joseph S. Fitzpatrick
Director
Massachusetts Office of Energy Resources
73 Tremont Street
Suite 700
Boston, Massachusetts 02108
Telephone: (617) 727-4732
Michigan

- No overall enabling state legislation regarding energy conservation standards for consumer products; however, a bill was enacted (Michigan Statute 429.352, 1978) "to provide for the labeling of appliances; to prohibit certain conduct; to prescribe the powers and duties of the public service commission; to provide for testing of appliances; and to provide for remedies and penalties."

- No state agency is charged with regulatory or enforcement authority for this legislation

- No voluntary energy conservation standards for other consumer products

Plans and Programs - As part of the U.S. Department of Energy's pilot project, the Energy Extension Service (EES) program, Michigan provides to the consumer toll-free energy information and a variety of publications concerning energy-efficient appliances. These publications include: Common Sense Energy Tips, No More Hot Air About Room Air Conditioners, and By the House ... By the Month ... Energy Costs of Home Appliances.

Contact: Nancy Baerwaldt
Acting Director
Energy Administration
Michigan Department of Commerce
6520 Mercantile Way, Suite 1
P.O. Box 30228
Lansing, Michigan 48909
Telephone: (517) 373-0780

NOTE: Michigan Statute 429.352, referred to as the "Pilot Light Ban," may be amended in the current legislative session. Proposed amendments would limit the scope of the Ban but also make any violation of the law a misdemeanor punishable by a fine of not more than $1,000 or imprisonment of not more than 90 days, or both.
No overall enabling state legislation regarding energy conservation standards for consumer products; however, the Minnesota legislature has passed two bills pertaining to consumer products. They are: Minnesota Statute, Chapter 116 H, Subdivision 11, "Prohibition of Forced Air Furnaces, Cooking Appliances, and Clothes Dryers with Continuous Pilot Lights" and Minnesota Statute Chapter 116 H, Subdivision 10, "Standards for Air Conditioners". The Minnesota Energy Agency actively monitors and enforces compliance with the above regulations by sending a letter of warning to violators. No voluntary energy conservation standards for other consumer products. Plans and Programs

- The Minnesota Energy Agency maintains a toll-free telephone answering service as part of their Information Center.

- Pamphlets, fact sheets, and product literature regarding various appliances are distributed to the public.

- A Home Energy Audit Conservation Guide, which discusses water heater modifications and includes energy and dollar-saving calculations, is available upon request.

Contact: Al Johnson
Director
Minnesota Energy Agency
980 American Center Building
150 East Kellogg Boulevard
St. Paul, Minnesota 55101
Telephone: (612) 296-5120

NOTE: Any State requirement with respect to prohibitions on gas pilot lights will automatically be preempted by Federal standards.
MISSISSIPPI

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

**Plans and Programs**

- An important part of the State Energy Plan is the Public Awareness Program with a full-time public information officer responsible for demonstrating to the public the how-to's of energy conservation.

- The Home Energy Conservation Program includes a campaign making an energy audit available to all homeowners through the State's major utility companies, followed by recommendations for home improvement and attempts to measure actual energy savings.

- A monthly newsletter, the *Energy Gram*, is copublished by the Mississippi Office of Energy and the Mississippi Energy Extension Center. In addition, a series of publications entitled *Energy Tips*, that will include guidelines for the purchase of appliances, is being designed for use by the media.

**Contact:** Peter J. Walley
Director
Office of Energy
Mississippi Department of Natural Resources
Suite 228, Barefield Complex
455 N. Lamar Street
Jackson, Mississippi 39201
Telephone: (601) 354-7406
MISSOURI

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs
  - Through the Division of Energy's Comprehensive Public Education and Awareness Program, referred to as the Information Clearinghouse, state and federal publications as well as the Guide Sheets, developed by the Cooperative Extension Office of the University of Missouri, are distributed to consumers for information regarding the purchase of energy efficient appliances.
  - Other information concerning consumer products is available at the exhibits and demonstrations that are part of Missouri's Community Energy Fairs.

Contact: J.W. Abbott
Director
Division of Energy
Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102
Telephone: (314) 751-4000
MONTANA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The Conservation Division of the Montana Department of Natural Resources and Conservation does not have any specific programs related to consumer product energy conservation; however, this Division does promote a general conservation consciousness by assisting the energy-related programs of the Human Resources Development Council, the Montana University System, citizen groups, utility companies, and adult educational groups.

Contact: Jerry Toner
Director
Conservation Division
Department of Natural Resources and Conservation
32 South Ewing
Helena, Montana 59601
Telephone: (406) 449-3940
NEBRASKA

o No enabling state legislation regarding energy conservation standards for consumer products
o Waiting for Federal standards to be issued
o No voluntary energy conservation standards for consumer products

Plans and Programs - The public is informed of such things as energy efficiency ratios of appliances and electric ignition systems for pilot lights through materials distributed by the Nebraska Energy Office and through programs and workshops sponsored with the help of the State's Home Extension agents.

Contact: William H. Palmer
Director
Nebraska Energy Office
P.O. Box 95085
Lincoln, Nebraska 68509
Telephone: (402) 471-2867
The Nevada Legislature has passed enabling legislation, Nevada Revised Statute, Chapter 523, 1979, in respect to authorizing the Director of the Department of Energy to adopt regulations which prohibit the sale of appliances with standing pilot lights. Regulations, as a result of this legislation, have not yet been written.

- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

- Plans and Programs
  - Through the U.S. Department of Energy publications such as Tips for Energy Savers and information available at Energy Expos, Nevada consumers become aware of purchasing guidelines for appliances and home energy conservation methods.
  - The Nevada Department of Energy's public awareness campaign utilizes television and radio spots, direct mailings, newspapers, billboards, inserts in utility bills, and slide shows as methods of providing information to the public.
  - Do-it-yourself home energy conservation kits are available to help individuals assess the methods by which energy consumption can be efficiently reduced.

Contact: Kelly Jackson
Director
Department of Energy
1050 E. William Street, Suite 405
Carson City, Nevada 89710
Telephone: (702) 885-5157
NEW HAMPSHIRE

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Through workshops, seminars, printed materials, and a toll-free hotline, the New Hampshire Council on Energy informs consumers about energy-saving appliances.

Contact:  William R. Humm
Executive Director
Council on Energy
Executive Department
Office of the Governor
2 1/2 Beacon Street
Concord, New Hampshire 03301
Telephone: (603) 271-2711
NEW JERSEY

New Jersey has passed enabling legislation (N.J.S.A. 52:27F-15) that directs the New Jersey Department of Energy to "coordinate authority, regulation, and planning by the state in energy related matters."

The state regulation pertaining to energy conservation standards for consumer products that was written as a result of this legislation is the "Retrofitting of Gas Pilot Lights," N.J.A.C. 14A:3-6.1-5.

The New Jersey Department of Energy has both regulatory and enforcement authority; however, the proposals that were submitted by the state utility companies in regard to this regulation were rejected and have not as of this date been resubmitted. Therefore, the regulation is not in effect.

No voluntary energy conservation standards for other consumer products.

Plans and Programs
- The cornerstone of the New Jersey Energy Master Plan is informing consumers of the "relative operating-cost-saving merits of each appliance," not policing individual consumption habits. The monitoring of manufacturers is therefore essential to New Jersey's conservation plan.

- The New Jersey Department of Energy's Energy Exchange publications include articles regarding the energy efficiency ratios of various appliances. What to Do: New Jersey Home Energy Savings Workbook #1 is another publication prepared by the New Jersey Department of Energy.

Contact: Joel R. Jacobson
Commissioner
Department of Energy
101 Commerce Street
Newark, New Jersey 07102
Telephone: (201) 648-2744

NOTE: New Jersey identifies itself as the first state to establish its Department of Energy as a cabinet-level agency.
NEW MEXICO

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued and is currently reviewing California's standards
- No voluntary energy conservation and efficiency standards for consumer products
- Plans and Programs - As a participant in the Energy Extension Service (EES) program, a pilot project sponsored by the United States Department of Energy, the New Mexico Energy Office is providing information regarding appliance labeling with DOE/EES printed materials and through a toll-free energy hotline.

Contact: Gary Blackley
Director
Energy Conservation and Management Division
Energy and Minerals Department
P.O. Box 2770
Santa Fe, New Mexico 87501
Telephone: (505) 827-5621
NEW YORK

- Enabling legislation known as the New York Energy Law (Consolidated Laws of New York, Laws 1976, Chapter 819, Section 2) created the New York State Energy Office and gave that agency the authority to issue the following regulations: Energy Efficiency Standards for Air Conditioners, Article 9-109 and Energy Efficiency Standards for Water Heaters, Article 16-108.

- The New York State Energy Office has both regulatory and enforcement authority. Since the above energy conservation standards are primarily self-regulatory, enforcement is carried out by sending a letter from the New York State Energy Office to the appropriate company or manufacturer.

- No voluntary energy conservation standards for other consumer products.

- Plans and Programs
  - Through public service announcements concerning new regulations, consumers are alerted to the coefficient of performance standards and the energy efficient ratios.

  - An energy hotline is maintained and state and federal publications that include home energy saving tips are available to the public.

  - A hand-held fan with the energy efficient ratios of various appliances printed on it was developed by the New York State Energy Office and is distributed throughout the state.

Contact: James L. Larocca
Commissioner
New York State Energy Office
Agency Building 2, 10th Floor
Empire State Plaza
Albany, New York 12223
Telephone: (518) 474-8313
NORTH CAROLINA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation and efficiency standards for consumer products
- Plans and Programs
  - Through the Energy Awareness/Referral Service, various elements "... increase citizen awareness of the need to conserve and provide consumers with objective information on the best methods of doing so." These elements include media campaigns, home energy audits, a toll-free energy hotline, "Saving Energy at Home" workshops, energy exhibits and fairs and the distribution of energy-related materials.
  - The North Carolina Energy Division cooperates with the Better Business Bureau in answering complaints about energy products or manufacturers.

Contact: James E. Gibson, Jr.
Director
Energy Division, Department of Commerce
P.O. Box 25249
Raleigh, North Carolina 27611
Telephone: (919) 733-2230
NORTH DAKOTA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - A statewide consumer education program regarding energy efficiency ratios and labeling of appliances is being discussed with the Consumer Affairs Office of the State Laboratories Department. The development of such a project would also involve personnel from the College of Home Economics of the North Dakota State University.

Contact: Clifford Ness
Director
North Dakota Office of Energy
1533 North 12th Street
Bismarck, North Dakota 58501
Telephone: (701) 224-2250
OHIO

0 No specific enabling legislation regarding energy conservation standards for consumer products
0 Waiting for Federal standards to be issued
0 No voluntary energy conservation standards for consumer products
0 Plans and Programs - The Ohio Department of Energy provides for the dissemination of general energy conservation information. The Ohio Energy Code gives the energy efficiency ratio of certain appliances, and it assists homeowners with reducing energy consumption.

Contact: Robert S. Ryan
Director
Ohio Department of Energy
State Office Tower, 34th Floor
30 East Broad Street
Columbus, Ohio 43215
Telephone: (614) 466-3465
OKLAHOMA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- The Oklahoma Department of Energy sponsors "hands-on" training programs which identify energy-saving opportunities directly to the consumer.
- A computerized home energy survey service is provided.
- Printed materials such as Home Appliance Inventory and Measurements and Appliance Energy Consumption are distributed to the public.

Contact: Richard G. Hill
Director
Oklahoma Department of Energy
4400 North Lincoln Boulevard
Suite 251
Oklahoma City, Oklahoma 73105
Telephone: (405) 521-3941
OREGON

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Home energy audits are encouraged, and an Energy Awareness newsletter is produced with the cooperation of the State Consumer Affairs Division.

Contact: Lynn Frank
Director
Department of Energy
Labor and Industries Building
Salem, Oregon 97310
Telephone: (503) 378-4128
PENNSYLVANIA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The Public Awareness Program of the Governor's Energy Council provides for the dissemination of information regarding consumer products. Brand names are not endorsed but through a toll-free energy hotline and printed materials, citizens can obtain answers pertaining to the energy efficiency ratios of various appliances.

Contact: Robert A. Shinn
Executive Director
Governor's Energy Council
Office of the Governor
1625 N. Front Street
Harrisburg, Pennsylvania 17102
Telephone: (717) 783-8610
RHODE ISLAND

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Through printed materials, energy expos, and an information hotline, the Rhode Island Energy Office encourages consumers to consider energy efficiency ratios when purchasing various appliances.

Contact: Bob Coffey  
State Energy Coordinator  
Governor's Energy Office  
80 Dean Street  
Providence, Rhode Island 02903  
Telephone: (401) 277-3370
SOUTH CAROLINA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The South Carolina Division of Energy Resources does not have any specific consumer product energy conservation programs other than providing information regarding the insulation of home water heaters.

Contact: Dr. Lamar E. Priester, Jr.
Director
Division of Energy Resources
Office of the Governor
SCN Center, Suite 1130
1122 Lady Street
Columbia, South Carolina 29201
Telephone: (803) 758-7502
SOUTH DAKOTA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Information regarding the efficient use of appliances is included in workshops sponsored by the State Office of Energy; purchasing guidelines can be found in the U.S. Department of Energy publications that are distributed to South Dakota consumers.

Contact: Harry Christianson
Director
Office of Energy Policy
State Capitol
Pierre, South Dakota 57501
Telephone: (605) 773-3603
TENNESSEE

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs
  - As part of the Tennessee State Energy Conservation Program, an Energy Information, Education, and Outreach Center (EIEOC) was established. The EIEOC provides information to energy consumers through a toll-free telephone hotline, special library resources, seminars and workshops, an awards program, technical assistance and a series of three-to-five minute audio tapes. The tapes include such topics as home heating, saving energy in the kitchen, and saving energy when using appliances.

- Printed materials regarding the energy efficiency ratios of appliances are provided through the Energy Extension Service (EES) program, a pilot project sponsored by the U.S. Department of Energy.

Contact: T.L. Guthrie
Acting Executive Director
Tennessee Energy Authority
250 Capitol Hill Building
Nashville, Tennessee 37219
Telephone: (615) 741-6671
TEXAS

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- As a participant in the U.S. Department of Energy's pilot project, the Energy Extension Service (EES) program, Texas's energy plan emphasizes personalized information and technical assistance to help ensure consumer adoption of energy-saving techniques.

- Through energy audits, workshops, telephone consultations and the distribution of printed materials, conservation measures are encouraged which can result in reduced home heating and cooling energy requirements.

Contact: Edward Vetter
Executive Director
Texas Energy and Natural Resources
Advisory Council
411 West 13th, Suite 800
Austin, Texas 78701
Telephone: (512) 475-5407
UTAH

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

**Plans and Programs**
- The Utah Energy Office is currently preparing an appliance efficiency labeling workshop for appliance distributors and retailers.

- Through coordination with the state utility companies, printed materials regarding appliance energy efficiency ratios are developed and distributed.

- A telephone hotline, from which people can receive energy information, is maintained.

**Contact:**
Jack Lyman
Director
Utah Energy Office
231 East 400 South, Suite 101
Salt Lake City, Utah 84111
Telephone: (801) 533-5424
VERMONT

- No enabling state legislation regarding energy conservation standards for consumer products
- The State Energy Office and the Attorney General's Office have discussed the issue of consumer product regulations but are waiting for the Federal standards to be issued before taking action
- No voluntary energy conservation standards for consumer products
- Plans and Programs - The HEAT (Home Energy Audit Teams) Project is co-sponsored by the University of Vermont Extension Service and the Vermont Energy Office. HEAT offices are located throughout the state with personnel to provide information concerning energy conservation and to encourage home energy audits.

Contact: Ronald A. Allbee
Director
State Energy Office
Pavillion Office Building
109 State Street
Montpelier, Vermont 05602
Telephone: (802) 828-2393
VIRGINIA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- Through their publications and the sponsoring of workshops such as "Home Energy Cost-Cutting Clinics," the Virginia Energy Division provides guidelines for selecting energy conserving materials and equipment.

- A toll-free telephone consulting service is maintained for the consumer to obtain energy information.

Contact: George L. Jones
Coordinator
Energy Division
Office of Emergency and Energy Services
310 Turner Road
Richmond, Virginia 23225
Telephone: (804) 745-3245
WASHINGTON

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products

Plans and Programs
- As a participant in the U.S. Department of Energy's pilot project, the Energy Extension Service (EES) program, many of Washington's public education programs regarding home energy conservation come from DOE/EES materials.

- The State Consumer Protection Division also distributes information regarding the energy efficiency ratios of various products.

Contact: Jack O. Wood
Director
State Energy Office
1000 South Cherry Street
Olympia, Washington 98504
Telephone: (206) 753-2417
WEST VIRGINIA

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for Federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs
  - Distribution of the West Virginia Home Energy Saving Guide with such chapters as "Saving Energy with your Heating, Air Conditioning, and Water Heating," and "Buying a Room Air Conditioner."
  - Distribution of Save Energy: Save Money! brochure with information pertaining to appliances.
  - An energy hotline is maintained by the Fuels and Energy Office.

Contact: C. Joe Mullen
Director, Fuel and Energy Office
Governor's Office of Economic and Community Development
1262 1/2 Greenbrier Street
Charleston, West Virginia 25305
Telephone: (304) 348-8860
WISCONSIN

- No overall enabling state legislation regarding energy conservation standards for consumer products; however, a bill was passed establishing a natural gas conservation program -- Wisconsin Statute 101.60, 1977, "Pilot Lights Prohibited on Gas Appliances."

- The State Department of Industry, Labor, and Human Relations has both regulatory and enforcement authority for this statute. A violation of the rule is subject to a forfeiture of not more than $400.00 for each day of violation.

- No voluntary energy conservation standards for other consumer products

Plans and Programs

- Energy Conservation Skills Shops provide supervised instruction regarding the best ways to insulate and monitor home heating system performance.

- Through Division of State Energy materials and programs, the life cycle costing concept is explained to Wisconsin consumers.

- Energy conservation contests are held to promote efficient energy practices within the home.

- Other consumer education materials and programs are made available through the Energy Extension Service (EES) pilot project sponsored by the U.S. Department of Energy. The management of Wisconsin's EES program is through the University of Wisconsin Extension Office.

Contact: Willie Nunnery
Director
Division of State Energy
Department of Administration
1 West Wilson Street, Room 211
Madison, Wisconsin 53702
Telephone: (608) 266-8234
Wyoming

- No enabling state legislation regarding energy conservation standards for consumer products
- Waiting for federal standards to be issued
- No voluntary energy conservation standards for consumer products
- Plans and Programs - Consumer awareness of energy efficient appliances is promoted through information available at state energy fairs and through the distribution of U.S. Department of Energy publications.

Contact: Pamela Able
Director
Energy Conservation Office
Capitol Hill Office Building
Cheyenne, Wyoming 82002
Telephone: (307) 777-7131
This bibliography was prepared from published materials obtained from responsible state authorities. All state published materials that responded to the specific scope and criteria of this inquiry (see details in the Introduction) were requested. Most of the titles cited reflect state energy conservation plans, programs, and public education. DoE publications used by the states were omitted from this bibliography. In some cases, the literature received by NBS mentioned collaboration with utility companies, universities, and the private sector. Literature to assist the public in energy conservation from the states of Alaska, Arkansas, Connecticut, Illinois, Indiana, Kansas, Maine, Nebraska, Pennsylvania, South Dakota, and Wyoming is not included. These states were contacted, but material from them was not received.
ALABAMA


ARIZONA


CALIFORNIA


COLORADO

DELAWARE


FLORIDA


GEORGIA


HAWAII


IDAHO


IOWA


IOWA Continued


KENTUCKY


LOUISIANA


MARYLAND


MASSACHUSETTS


(n.d.) = no date
MICHIGAN


MINNESOTA


MISSISSIPPI

MISSOURI


MONTANA


NEVADA


Nevada Legislation. Senate Bill No. 458. Committee on Commerce and Labor. Section 1. Chapter 523 of NRS Amendment. An Act relating to energy; authorizing the director of the department of energy to adopt regulations prohibiting the sale of appliances with continuously burning pilot lights (with exceptions).

Nevada Legislation, Senate Bill No. 15. Committee on Government Affairs. Section 1. Chapter 523 of NRS Amendment. An Act for the conservation of energy by regulation for all buildings, the construction of which is commenced on or after July 1, 1978. The standards apply to air conditioning equipment; water heating equipment, etc.

NEW HAMPSHIRE


NEW HAMPSHIRE Continued


Governor's Council on Energy. Information brochure. How a simple tune-up can increase your oil burner efficiency. (n.d.)

NEW JERSEY


NEW MEXICO

NEW YORK

New York Legislation E403.13 (7813.18) 9 NYCRR. HVAC Equipment Performance Requirements.

New York Legislation E404.0 (7813-4) 9 NYCRR. Service Water Heating.


New York Legislation E404.2 (7813.20) 9 NYCRR. Scope.

New York Legislation E404.3 (7813.21) 9 NYCRR. Water Heaters, Storage Tanks, Boilers and Piping.

New York Legislation E404.4 (7813.22) 9 NYCRR. Insulation.

New York Legislation E404.5 (7813.23) 9 NYCRR. Temperature Controls.


NORTH CAROLINA


NORTH DAKOTA


State of North Dakota. Procurement Program for Appliances. (n.d.)
OHIO

OKLAHOMA

OREGON

RHODE ISLAND

TENNESSEE

TEXAS
UTAH


VERMONT


VIRGINIA


WASHINGTON


