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Environment & Energy Utilities SENATE FILE 419
Do pass per amendment BY VARN
331D 3-20-89 (p.879)

Passed Senate, Date 4-6-89 Passed House, Date 4-19-89 (P.1698)
Vote: Ayes 47 Nays 0 Vote: Ayes 91 Nays 1
Approved June 3, 1989

A BILL FOR

1 An Act relating to energy efficiency and providing effective
2 dates.
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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SF 419

3458, 348-

1 Section 1. Section 18.115, subsection 4, Code 1989, is
2 amended to read as follows:

3 4. The state vehicle dispatcher shall purchase all new
4 motor vehicles for all branches of the state government,
5 except the state department of transportation, institutions
6 under the control of the state board of regents, the
7 department for the blind, and any other agencies exempted by
8 law. Before purchasing any motor vehicle the dispatcher shall
9 make requests for public bids by advertisement and shall
10 purchase the vehicles from the lowest responsible bidder for
11 the type and make of motor vehicle designated. Except for
12 automobiles purchased for law enforcement purposes, the state
13 vehicle dispatcher shall purchase only new automobiles which
14 have at least the following fuel economy:

15 <u>Automobile</u>	
16 <u>Model</u>	<u>Fuel</u>
17 <u>Year</u>	<u>Economy</u>
18 <u>1990</u>	<u>26 miles per gallon</u>
19 <u>1991</u>	<u>29 miles per gallon</u>
20 <u>1992</u>	<u>30 miles per gallon</u>
21 <u>1993</u>	<u>32 miles per gallon</u>
22 <u>1994</u>	<u>34 miles per gallon</u>
23 <u>1995</u>	<u>36 miles per gallon</u>
24 <u>1996</u>	<u>38 miles per gallon</u>
25 <u>1997 or later</u>	<u>40 miles per gallon</u>

26 As used in this subsection, "fuel economy" means the
27 average number of miles traveled by an automobile per gallon
28 of gasoline consumed as determined by the United States
29 environmental protection agency administrator in accordance
30 with 26 U.S.C. § 4064 (c).

31 Sec. 2. Section 93.7, Code 1989, is amended by adding the
32 following new subsection immediately following subsection 1:

33 NEW SUBSECTION. 1A. Identify a state facility in the
34 state to be used as a marketing tool to promote energy
35 conservation by providing a showcase for the department to

3310-1 demonstrate energy efficiency.

2 Sec. 3. NEW SECTION. 303.81A PURCHASE OF ENERGY
3 EFFICIENCY PACKAGES.

3310-4 The public broadcasting division of the department of
5 cultural affairs may use the state of Iowa facilities
6 improvement corporation to purchase energy efficiency packages
7 for its ultrahigh frequency transmitters without meeting the
8 requirements of section 19.34.

3310-9 Sec. 4. NEW SECTION. 364.23 ENERGY EFFICIENT STREET
10 LIGHTING REQUIRED.

3310-11 By January 1, 1992, each city shall use exclusively
12 throughout its entire city street lighting system high
13 pressure sodium bulbs or bulbs with equivalent or better
14 energy efficiency as approved in rules adopted by the
15 utilities board within the utilities division of the
16 department of commerce.

3310-17 Sec. 5. Section 474.5, Code 1989, is amended to read as
18 follows:

19 474.5 RULES, FORMS AND SERVICE.

20 1. The utilities board may from time to time make or amend
21 ~~such-general~~ its rules or orders as ~~may-be~~ necessary for the
22 preservation of order and the regulation of proceedings before
23 it, including forms of notice and the service thereof, which
24 shall conform as nearly as may be to those in use in the
25 courts of the state.

3310-26 2. The utilities board shall adopt rules approving the
27 types of bulbs cities may use in providing energy efficient
28 street lighting under section 364.23.

3523, 3310

29 Sec. 6. Section 601K.101, Code 1989, is amended by adding
30 the following new subsection:

31 NEW SUBSECTION. 6. For the federal fiscal year beginning
32 October 1, 1989, and all succeeding federal fiscal years, not
33 ³⁴⁶⁷ less than fifteen percent of all moneys appropriated to the
34 division of community action agencies of the department of
35 human rights for low-income home energy assistance shall be

1 used for low-income weatherization or other related home
2 repairs for low-income households.

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3 Sec. 7. PILOT PROJECT -- SUMMER FOUR-DAY WORK WEEK. The
4 director of the department of personnel shall conduct a pilot
5 project during the summer months of 1989 wherein state
6 employees in a selected office or offices shall work four ten-
7 hour days per week rather than five eight-hour days per week.
8 The director of the department of personnel shall report on
9 the results of the pilot project to the governor and the
10 general assembly by January 1, 1990. The report shall include
11 findings on the energy savings which resulted from the pilot
12 project as well as estimates of the energy savings which would
13 result from statewide application of a state employee four
14 ten-hour day work week during summer months. The report shall
15 include the director's findings on the extent in which a state
16 employee four ten-hour day work week could be adopted
17 statewide as well as findings on the effects the four ten-hour
18 day work week had on state employee morale and work
19 efficiency.

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20 Sec. 8. PILOT PROJECT -- TELECOMMUTING DEMONSTRATION. The
21 director of the department of personnel shall identify state
22 employees who could telecommute one or more days during the
23 work week. The director of the department of personnel shall
24 also conduct a pilot project during the fiscal year commencing
25 July 1, 1989, wherein selected state employees telecommute one
26 or more days of their work week. The director of the
27 department of personnel shall report on the results of the
28 pilot project to the governor and the general assembly at the
29 conclusion of the project. The report shall include findings
30 on the energy savings which resulted from the pilot project as
31 well as the effects of the project on state employee morale
32 and work efficiency. The report shall identify those
33 positions in state government where the employees could
34 telecommute one or more days during their work week and
35 estimate the resulting energy savings if such a plan were

1 implemented.

2 As used in this section, "telecommute" means to conduct
3 work at the employee's residence through the use of computer
4 terminals.

5 Sec. 9. Section 7 of this Act and this section, being
6 deemed of immediate importance, take effect upon enactment.

7 EXPLANATION

8 This bill provides provisions to promote energy efficiency
9 in the state.

10 Section 1 requires the state vehicle dispatcher, when
11 purchasing automobiles other than those used for law
12 enforcement, to purchase only automobiles which have a
13 specified minimum fuel economy. The section applies first to
14 1990 model year automobiles by requiring the purchased
15 vehicles to have at least a fuel economy of twenty-eight miles
16 per gallon, and gradually increases the required fuel economy
17 until the 1997 and later model year automobiles which are
18 required to have at least a fuel economy of forty miles per
19 gallon.

20 Section 2 requires the department of natural resources to
21 identify a state facility in the state to be used as a
22 marketing tool to promote energy conservation and to provide a
23 showcase for the department to demonstrate energy efficiency.

24 Section 3 allows the public broadcasting division of the
25 department of cultural affairs to use the state of Iowa
26 facilities improvement corporation to purchase energy
27 efficiency packages for its ultrahigh frequency transmitters
28 without meeting the requirements of section 19.34.

29 Section 4 requires each city in the state by January 1,
30 1992, to use exclusively throughout its entire city street
31 lighting system high pressure sodium bulbs or bulbs with
32 equivalent or better energy efficiency as approved in rules
33 adopted by the utilities board. Section 5 requires the
34 utilities board to adopt rules approving types of bulbs a city
35 may use in providing energy efficient street lighting.

1 Section 6 requires not less than fifteen percent of all
2 moneys appropriated to the division of community action
3 agencies for low-income home energy assistance to be used for
4 low-income weatherization or other related home repairs for
5 low-income households commencing October 1, 1989.

6 Section 7 requires the director of the department of
7 personnel to conduct a pilot project during the summer months
8 of 1989 wherein state employees in a selected office or
9 offices shall work four ten-hour days per week rather than
10 five eight-hour days. The director is to report on the
11 results of the pilot project to the governor and the general
12 assembly by January 1, 1990.

13 Section 8 requires the director of the department of
14 personnel to identify state employees who could telecommute
15 one or more days during the work week. "Telecommuting" is
16 defined as conducting work at the employee's residence through
17 the use of computer terminals. The director is also required
18 to conduct a pilot project during the fiscal year commencing
19 July 1, 1989, wherein selected state employees telecommute one
20 or more days of their work week. The director is to report
21 the results of the pilot project to the governor and the
22 general assembly at the conclusion of the project.

23 This bill may contain a state mandate as defined in section
24 25B.3.

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SENATE FILE 419

S-3310

1 Amend Senate File 419 as follows:

2 1. Page 2, by inserting after line 1 the
3 following:

4 "Sec. ____ . NEW SECTION. 93.13A ENERGY
5 CONSERVATION MEASURES IDENTIFIED.

6 The state, state agencies, political subdivisions
7 of the state, schools, area education agencies, and
8 area schools shall identify and implement, through
9 energy audits and engineering analyses, all energy
10 conservation measures identified for which financing
11 is made available by the department to the entity.
12 The energy conservation measure financings shall be
13 supported through payments from energy savings."

3440-14 2. Page 2, by inserting after line 1 the
15 following:

16 "Sec. ____ . NEW SECTION. 93.18 RETAIL AIR
17 CONDITIONER SALES.

18 After July 1, 1993, a person shall not sell at
19 retail new air conditioners not meeting the minimum
20 seasonal energy efficiency ratios required under this
21 section. A violation of this section is a simple
22 misdemeanor. For the one-year period commencing July
23 1, 1993, and ending June 30, 1994, new air
24 conditioners sold at retail with a capacity over
25 sixty-five thousand British thermal units per hour
26 shall have a minimum seasonal energy efficiency ratio
27 of nine point nine. For the one-year period
28 commencing July 1, 1993, and ending June 30, 1994, new
29 air conditioners sold at retail with a capacity less
30 than or equal to sixty-five thousand British thermal
31 units per hour shall have a minimum seasonal energy
32 efficiency ratio of nine. For each succeeding one-
33 year period the minimum seasonal energy efficiency
34 ratio shall be increased by five percent until the
35 minimum energy efficiency ratio for that class of air
36 conditioner reaches fourteen.

37 As used in this section, "seasonal energy
38 efficiency ratio" means the seasonal energy efficiency
39 ratio as established by the air conditioning and
40 refrigeration institute, "at retail" means to dispose
41 of an air conditioner to a person who will devote it
42 to a consumer use, and "new air conditioner" means an
43 air conditioner which has not been previously sold at
44 retail."

3440-45 3. Page 2, by inserting before line 2, the
46 following:

47 "Sec. ____ . Section 103A.8A, Code 1989, is amended
48 to read as follows:
49 103A.8A MINIMUM ENERGY EFFICIENCY STANDARD.

50 The state building code commissioner shall adopt as

S-3310

Page 2

1 a part of the state building code a requirement that
2 new single-family or two-family residential
3 construction shall meet an established minimum energy
4 efficiency standard. The standard shall be stated in
5 terms of the home heating index developed by the
6 physics department at Iowa state university of science
7 and technology. The minimum standard shall be the
8 average energy consumption of new single-family or
9 two-family residential construction as determined by a
10 survey conducted by the energy and geological
11 resources division of the department of natural
12 resources of the average actual energy consumption, as
13 expressed in terms of the home heating index.
14 However, after January 1, 1992, the minimum standard
15 shall be a home heating index of four point five and
16 after January 1, 1995, the minimum standard shall be a
17 home heating index of four. The minimum standard
18 shall only apply to single-family or two-family
19 residential construction commenced after the adoption
20 of the standard."

21 4. Page 2, by inserting before line 2 the
22 following:

23 "Sec. ____ . NEW SECTION. 262.69A PURCHASE OF FUEL
24 EFFICIENT AUTOMOBILES.

25 Institutions under the control of the state board
26 of regents shall purchase only new automobiles which
27 have at least the fuel economy required for purchase
28 of new automobiles by the state vehicle dispatcher
29 under section 18.115, subsection 4. This section does
30 not apply to automobiles purchased for law enforcement
31 purposes."

32 5. Page 2, by striking lines 7 and 8, and
33 inserting the following: "for its ultrahigh frequency
34 transmitters."

35 6. Page 2, line 9, by striking the word "STREET".

36 7. Page 2, by striking lines 11 through 13 and
37 inserting the following:

38 "All city-owned exterior flood lighting, including
39 but not limited to, street and security lighting,
40 shall be replaced when worn-out exclusively with high
41 pressure sodium lighting or lighting with equivalent
42 or better".

43 8. Page 2, by inserting after line 16, the fol-
44 lowing:

45 "Sec. ____ . NEW SECTION. 364.24 TRAFFIC LIGHT
46 SYNCHRONIZATION.

47 After July 1, 1992, all cities with more than three
48 traffic lights within the corporate limits shall
49 establish a traffic light synchronization program in
50 accordance with rules adopted by the state department

S-3310

Page 3

1 of transportation. The state department of
2 transportation shall adopt rules required by this
3 section by July 1, 1990."

4 9. Page 2, by striking lines 27 and 28 and
5 inserting the following: "types of city-owned or
6 utility-owned lighting which shall be used in
7 providing energy efficient exterior lighting under
8 sections 364.23 and 476.62."

9 10. Page 2, by inserting before line 29 the
10 following:

11 "Sec. ____ . NEW SECTION. 476.34 FORECAST DATA.

12 By July 1, 1991, the division shall adopt rules
13 designed to collect forecasted base and peak capacity
14 data for all classes of natural gas and electric
15 utility customers. The division shall maintain
16 independent natural gas and electric forecasts. All
17 public utilities shall supply data to the division as
18 required by rule."

19 11. Page 2, by inserting before line 29 the
20 following:

21 "Sec. ____ . NEW SECTION. 476.62 ENERGY EFFICIENT
22 LIGHTING REQUIRED.

23 All public utility-owned exterior flood lighting,
24 including but not limited to street and security
25 lighting, shall be replaced when worn-out exclusively
26 with high pressure sodium lighting or lighting with
27 equivalent or better energy efficiency as approved in
28 rules adopted by the board."

29 12. Page 2, by inserting before line 29, the
30 following:

31 "Sec. ____ . NEW SECTION. 476.63 ENERGY
32 CONSERVATION AND EFFICIENCY PROGRAMS.

33 The division shall consult with the energy and
34 geological resources division of the department of
35 natural resources in the development and
36 implementation of public utility energy conservation
37 and efficiency programs."

38 13. Page 3, line 5, by inserting after the figure
39 "1989" the following: "and 1990".

40 14. Page 3, line 6, by striking the words "or
41 offices" and inserting the following: "area or
42 areas".

43 15. Page 3, line 10, by striking the figure
44 "1990" and inserting the figure "1991".

45 16. By striking page 3, line 20 through page 4,
46 line 1 and inserting the following:

47 "Sec. ____ . STUDY -- TELECOMMUTING DEMONSTRATION.

48 The director of the department of personnel shall in a
49 study identify state employees who could telecommute
50 one or more days during the work week. The director

S-3310

Page 4

1 of the department of personnel shall report on the
2 results of the study to the governor and the general
3 assembly by January 15, 1990. The report shall
4 identify those positions in state government where the
5 employees could telecommute one or more days during
6 their work week and estimate the resulting energy
7 savings if such a plan were implemented. The report
8 shall also include a statement as to the effects
9 telecommuting would have on state employee morale and
10 work efficiency as well as an estimate of any start-up
11 costs which would be incurred by the state."

By COMMITTEE ON ENVIRONMENT AND
ENERGY UTILITIES
PAT DELUHERY, Chairperson

S-3310 FILED MARCH 20, 1989

Adopted 4-3-89 (p-1132)

SENATE FILE 419

S-3418

Amend Senate File 419 as follows:

1. Page 1, by striking lines 2 through 30 and inserting the following: "amended by adding the following new unnumbered paragraphs:
- NEW UNNUMBERED PARAGRAPH. In conjunction with the requirements of section 18.3, subsection 1, the state vehicle dispatcher shall strive to purchase new passenger automobiles which have fuel efficiency of not less than two miles per gallon under the average fuel economy standard for the automobile's model year as established by the United States secretary of transportation under 15 U.S.C. § 2002. This paragraph does not apply to automobiles purchased for law enforcement purposes or to trucks or vans. As used in this paragraph, "fuel economy" means the average number of miles traveled by an automobile per gallon of gasoline consumed as determined by the United States environmental protection agency administrator in accordance with 26 U.S.C. § 4064(c).
- NEW UNNUMBERED PARAGRAPH. The state vehicle dispatcher shall annually report the average combined fuel economy for all new motor vehicles purchased by classification (passenger automobiles, enforcement automobiles, vans, and light trucks) no later than January 31 of each year to the department of management. As used in this paragraph, "combined fuel economy" means the combined fuel economy as defined in 20 C.F.R. § 600.002."

By RICHARD VARN

S-3418 FILED MARCH 27, 1989

withdrawn 4-3-89 (p.1132)

SENATE FILE 419

S-3440

- Amend amendment, S-3310, to Senate File 419 as follows:
1. Page 1, by striking lines 14 through 44.
2. By striking page 1, line 45 through page 2, line 20.

By RICHARD VARN

S-3440 FILED MARCH 28, 1989

Adopted 3-31-89 (p.1108)

SENATE FILE 419

S-3467

- 1 Amend Senate File 419 as follows:
- 2 1. Page 2, line 33, by striking the word
- 3 "fifteen" and inserting the following: "ten".

By RICHARD VARN

S-3467 FILED MARCH 29, 1989

Adopted 4-3-89 (p. 1132)
SENATE FILE 419

S-3475

- 1 Amend amendment, S-3310, to Senate File 419 as
- 2 follows:
- 3 1. Page 3, by striking lines 12 through 18 and
- 4 inserting the following:
- 5 "The division shall report to the department of
- 6 natural resources the forecasted base and peak demand
- 7 data for all classes of natural gas and electric
- 8 utility customers.""

By RICHARD VARN

S-3475 FILED MARCH 29, 1989

Out of Order 3-31-89 (p. 1108)

SENATE FILE 419

S-3458

- 1 Amend Senate File 419 as follows:
- 2 1. Page 1, by striking lines 2 through 30 and
- 3 inserting the following: "amended by adding the
- 4 following new unnumbered paragraphs:
- 5 NEW UNNUMBERED PARAGRAPH. In conjunction with the
- 6 requirements of section 18.3, subsection 1, effective
- 7 January 1, 1990, the state vehicle dispatcher shall
- 8 each year purchase new passenger automobiles such that
- 9 the average fuel efficiency for the fleet of new
- 10 passenger automobiles purchased in that year by the
- 11 state vehicle dispatcher is not less than two miles
- 12 per gallon under the average fuel economy standard for
- 13 the automobiles' model year as established by the
- 14 United States secretary of transportation under 15
- 15 U.S.C. § 2002. This paragraph does not apply to
- 16 automobiles purchased for law enforcement purposes or
- 17 to trucks or vans. As used in this paragraph, "fuel
- 18 economy" means the average number of miles traveled by
- 19 an automobile per gallon of gasoline consumed as
- 20 determined by the United States environmental
- 21 protection agency administrator in accordance with 26
- 22 U.S.C. § 4064(c).
- 23 NEW UNNUMBERED PARAGRAPH. The state vehicle
- 24 dispatcher shall annually report the average combined
- 25 fuel economy for all new motor vehicles purchased by
- 26 classification (passenger automobiles, enforcement
- 27 automobiles, vans, and light trucks) no later than
- 28 January 31 of each year to the department of
- 29 management. As used in this paragraph, "combined fuel
- 30 economy" means the combined fuel economy as defined in
- 31 20 C.F.R. § 600.002."

By RICHARD VARN

S-3458 FILED MARCH 29, 1989

Adopted 4-3-89 (p. 1132)

**SENATE FILE 419
FISCAL NOTE**

A fiscal note for **SENATE FILE 419 AS AMENDED** by S-3310 is hereby submitted pursuant to Joint Rule 17. Data used in developing this fiscal note is available from the Legislative Fiscal Bureau to members of the Legislature upon request.

Senate File 49, Section 1, requires the State Vehicle Dispatcher, when purchasing automobiles, other than those used for law enforcement, to purchase only automobiles which have a specified minimum fuel economy. It applies first to 1990 model year automobiles by requiring the purchased vehicles to have at least a fuel economy of 28 miles per gallon, and gradually increases the required fuel economy until the 1997 and later model year automobiles which are required to have a least a fuel economy of forty miles per gallon. S-3310 requires institutions under the control of the Board of Regents to purchase automobiles under the same guidelines established by the State Vehicle Dispatcher.

Section 2 requires the Department of Natural Resources to identify a State facility in the State to be used as a marketing tool to promote energy conservation and to provide a showcase for the Department to demonstrate energy efficiency.

Section 3 allows the Department of Cultural Affairs, Public Broadcasting Division to use the State of Iowa Facilities Improvement Corporation to purchase energy efficiency packages for its ultrahigh frequency transmitters.

Section 4 requires each city to replace when worn out city-owned exterior flood lighting, including but not limited to street and security lighting with high pressure sodium lighting or lighting with equivalent or better.

Section 5 requires the Utilities Board to adopt rules approving types of city-owned or utility-owned lighting.

Section 6 requires not less than 15% of all monies appropriated to the Department of Human Rights, Division of Community Action Agencies, for low-income home energy assistance to be used for low-income weatherization or other home related repairs for low-income households commencing October 1, 1989.

Section 7 requires the Director of the Department of Personnel to conduct a pilot project during the summer months of 1990 wherein State employees in selected areas shall work four ten-hour work days per week rather than five eight-hour days; and to report the results by January 1, 1991. S-3310 also requires the Director of the Department of Personnel to conduct a telecommuting demonstration identifying those positions of State employees who could telecommute one or more days of the work week and report on the estimated energy savings by January 15, 1990.

-2-

S-3310 directs the following: 1) State, State agencies, political subdivisions, schools, and area education agencies, to identify energy conservation methods with funds appropriated to them and support the energy conservation measure through payments from energy savings, 2) prohibits the retail sale of new air conditioners not meeting specified minimum seasonal energy efficiency ratios, 3) the State Building Code Commissioner to adopt as part of the State Building Code a requirement that new single-family or two-family residential construction to meet an established energy efficiency standard, 4) after July 1, 1992, all cities with more than three traffic lights to establish a traffic light synchronization program, 5) the Utilities Division to collect forecasted base and peak capacity data for all classes of natural gas and electric utility customers, and to consult with the Department of Natural Resources in the development and implementation of public utility energy conservation and efficiency programs.

Assumptions:

1. The Department of General Services may be limited to purchase of certain models of compact cars and unable to purchase American fleet models. The Department may be unable to purchase all necessary sizes of air conditioners meeting specified minimum seasonal energy efficiency ratios.
2. Cities when replacing worn out city owned exterior flood lighting with high pressure sodium lighting or better would experience a payback in three years, saving approximately 25% to 30% per year in energy costs.
3. A total energy efficiency package upgrade for the ultrahigh frequency transmitters operated by the Department of Cultural Affairs, Division of Public Broadcasting, would experience a payback in four to five years, saving approximately \$207,000 per year in energy costs. The Department estimates the costs to implement the energy conservation measures could be provided with \$370,650 in funds from the State of Iowa Facilities Improvement Corporation and \$490,000 in a grant from the Department of Commerce, National Telecommunications and Information Administration Division. (The grant would have to be applied for and go through the normal grant application process.)
4. The Department of Commerce, Utilities Division will provide an independent analysis of statewide demand for electricity and natural gas by the Iowa Utilities Board and break it down by customer class. This would require an addition of 3.5 FTE positions, including: two Senior Utility Analysts, one Statistical Research Analyst, and a part-time Utility Analyst II. These positions would use data and forecasting models to maintain independent and electric natural forecasts, critique those developed by the utilities, and analyze the effect of energy efficiency programs on base and peak load forecasts. The increased cost to the Utilities Trust Fund for salaries and support for FY 1990 is \$118,097 and for FY 1991 is \$101,254. These costs are offset by fees collected from the utilities companies.
5. To promote energy efficiency, the Department of Natural Resources would market a State facility which has been made more energy efficient, as a result of funding which is currently provided through the State of Iowa

-3-

Facilities Improvement Corporation. The Department would also work with the Department of Commerce, Utilities Division, in the development and implementation of public utility energy conservation and efficiency programs. The cost to the General Fund for salary and support for FY 1990 is \$32,090 and for FY 1991 is \$34,028.

Fiscal Impact: The fiscal impact of Senate File 419 upon the General Fund is estimated at \$32,090 for FY 1990 and \$34,028 for FY 1991. The impact upon the Utilities Trust Fund is estimated at increased costs of \$118,097 for FY 1990 and \$101,254 for FY 1991. These costs are offset by fees collected from the utilities companies. The impact upon cities, for the replacement of city-owned exterior is estimated to have a three-year payback with a savings of 25% to 30% in energy costs. The impact for the purchase of energy packages for ultrahigh frequency transmitters is estimated to have a four to five year payback with an annual savings of \$207,000 in energy costs.

Sources: Department of General Services
Department of Cultural Affairs
League of Municipalities
Department of Commerce, Utilities Division
Department of Natural Resources

(LSB 2392s, SES)

FILED MARCH 29, 1989

BY DENNIS PROUTY, FISCAL DIRECTOR

SENATE FILE 419

S-3505

358-1 Amend Senate File 419 as follows:
2 1. Page 4, by inserting before line 7 the
3 following:
4 "Sec. ____ . Section 478A.7, Code 1989, is
5 repealed."

By JACK RIFE

S-3505 FILED MARCH 31, 1989

Adopted 4-6-89 (p.1209)

SENATE FILE 419

S-3506

1 Amend amendment, S-3310, to Senate File 419, as
2 follows:
3 1. Page 3, by striking lines 9 through 18.
4 2. By renumbering as necessary.

By RICHARD VARN

S-3506 FILED MARCH 31, 1989

ADOPTED

3-31-89 (p.1108)

SENATE FILE 419

S-3516

1 Amend the amendment S-3458, to Senate File 419, as
2 follows:
3 1. Page 1, line 7, by inserting after the word
4 "dispatcher" the following: ", and any other state
5 agency purchasing motor vehicles for other than law
6 enforcement purposes,".
7 2. Page 1, lines 16 and 17, by striking the words
8 "or to trucks or vans".
9 3. Page 1, line 17, by inserting before the word
10 "As" the following: "The group of comparable
11 automobiles within the total fleet purchased by the
12 state vehicle dispatcher, or any other state agency
13 purchasing motor vehicles for other than law
14 enforcement purposes, shall have an average fuel
15 efficiency rating not less than two miles per gallon
16 under the average fuel economy rating for that model
17 year for that class of comparable automobiles as
18 defined in 40 C.F.R. § 315-82."
19 4. Page 1, line 31, by striking the figure "20"
20 and inserting the following: "40".

By JIM LIND

S-3516 FILED APRIL 3, 1989

ADOPTED

4-3-89 (p.1132)

SENATE FILE 419

S-3518

1 Amend the amendment, S-3505, to Senate File 419 as
 2 follows:
 3 1. Page 1, by striking lines 2 through 5 and
 4 inserting the following:
 5 " _____. Page 2, by inserting before line 29 the
 6 following:
 7 "Sec. _____. Section 478A.7, subsection 1, Code
 8 1989, is amended to read as follows:
 9 1. ~~Commencing January 1, 1979~~ a A person shall not
 10 sell or offer for sale in this state a decorative gas
 11 lamp manufactured after December 31, 1978, unless the
 12 gas lamp is powered by renewable resources that
 13 produce natural gas, including but not limited to,
 14 keip."

By MICHAEL E. GRONSTAL

S-3518 FILED APRIL 3, 1989

LOS 4-6-89 (p. 1209)
 SENATE FILE 419

S-3523

1 Amend Senate File 419 as follows:
 2 1. Page 2, by inserting before line 29 the
 3 following:
 4 "Sec. _____. Section 476.52, unnumbered paragraph 1,
 5 Code 1989, is amended to read as follows:
 6 It is the policy of this state that a public
 7 utility shall operate in an efficient manner. If the
 8 board determines in the course of a proceeding
 9 conducted under section 476.3 or 476.6 that a utility
 10 is operating in an inefficient manner, or is not
 11 exercising ordinary, prudent management, or in
 12 comparison with other utilities in the state the board
 13 determines that the utility is performing in a less
 14 beneficial manner than other utilities, the board may
 15 reduce the level of profit or adjust the revenue
 16 requirement for the utility to the extent the board
 17 believes appropriate to provide incentives to the
 18 utility to correct its inefficient operation. If the
 19 board determines in the course of a proceeding
 20 conducted under section 476.3 or 476.6 that a utility
 21 is operating in such an extraordinarily efficient
 22 manner that tangible financial benefits result to the
 23 ratepayer, the board may increase the level of profit
 24 or adjust the revenue requirement for the utility. In
 25 making its determination under this section, the board
 26 may also consider a public utility's pursuit of energy
 27 efficiency programs. The board shall adopt rules for
 28 determining the level of profit or the revenue
 29 requirement adjustment that would be appropriate."

By MICHAEL GRONSTAL

S-3523 FILED APRIL 3, 1989

Adopted 4-6-89 (p. 1209)

House En. & Env.
DO PASS 4-10-89 (p.1439)

SENATE FILE 419
BY VARN

(AS AMENDED AND PASSED BY THE SENATE APRIL 6, 1989)

~~_____~~ - New Language by the Senate

* - Language Stricken by the Senate

RE Passed Senate, Date 4-25-89 (p.165) Passed House, Date 4-9-89 (p.168)
Vote: Ayes 48 Nays 0 Vote: Ayes 91 Nays 1
Approved June 3, 1989

A BILL FOR Repassed the House 5-5-89
(p.2590) Ayes 90 Nays 5

1 An Act relating to energy efficiency and providing effective
2 dates.

3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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Conference Committee Appointed 5/5/89

Senators Varn (chair), DeLueken, Meller, Rife, & Bouchard (p.
Representatives Rosenberg (chair), Adams, Caterberg, McLean, & Corbett
(p. 2542)

Passed per Conference Committee Report

Senate 5/6/89 (p.2017) House 5/6/89 (p.2516)
47-0 70-5

1 Section 1. Section 18.115, subsection 4, Code 1989, is
2 amended by adding the following new unnumbered paragraphs:

404 3 NEW UNNUMBERED PARAGRAPH. In conjunction with the
4 requirements of section 18.3, subsection 1, effective January
5 1, 1990, the state vehicle dispatcher, and any other state
6 agency purchasing motor vehicles for other than law
7 enforcement purposes, shall each year purchase new passenger
8 automobiles such that the average fuel efficiency for the
9 fleet of new passenger automobiles purchased in that year by
10 the state vehicle dispatcher is not less than two miles per
11 gallon under the average fuel economy standard for the
12 automobiles' model year as established by the United States
13 secretary of transportation under 15 U.S.C. § 2002. This
14 paragraph does not apply to automobiles purchased for law
15 enforcement purposes. The group of comparable automobiles
16 within the total fleet purchased by the state vehicle
17 dispatcher, or any other state agency purchasing motor
18 vehicles for other than law enforcement purposes, shall have
19 an average fuel efficiency rating not less than two miles per
20 gallon under the average fuel economy rating for that model
21 year for that class of comparable automobiles as defined in 40
22 C.F.R. § 315-82. As used in this paragraph, "fuel economy"
23 means the average number of miles traveled by an automobile
24 per gallon of gasoline consumed as determined by the United
25 States environmental protection agency administrator in
26 accordance with 26 U.S.C. § 4064(c).

27 NEW UNNUMBERED PARAGRAPH. The state vehicle dispatcher
28 shall annually report the average combined fuel economy for
29 all new motor vehicles purchased by classification (passenger
30 automobiles, enforcement automobiles, vans, and light trucks)
31 no later than January 31 of each year to the department of
404 32 management. As used in this paragraph, "combined fuel
33 economy" means the combined fuel economy as defined in 40
34 C.F.R. § 600.002.

35 Sec. 2. Section 93.7, Code 1989, is amended by adding the

1 following new subsection immediately following subsection 1:

2 NEW SUBSECTION. 1A. Identify a state facility in the
3 state to be used as a marketing tool to promote energy
4 conservation by providing a showcase for the department to
5 demonstrate energy efficiency.

6 Sec. 3. NEW SECTION. 93.13A ENERGY CONSERVATION MEASURES
7 IDENTIFIED.

8 The state, state agencies, political subdivisions of the
9 state, schools, area education agencies, and area schools
10 shall identify and implement, through energy audits and
11 engineering analyses, all energy conservation measures
12 identified for which financing is made available by the
13 department to the entity. The energy conservation measure
14 financings shall be supported through payments from energy
15 savings.

16 Sec. 4. NEW SECTION. 262.69A PURCHASE OF FUEL EFFICIENT
17 AUTOMOBILES.

18 Institutions under the control of the state board of
19 regents shall purchase only new automobiles which have at
20 least the fuel economy required for purchase of new
21 automobiles by the state vehicle dispatcher under section
22 18.115, subsection 4. This section does not apply to
23 automobiles purchased for law enforcement purposes.

24 Sec. 5. NEW SECTION. 303.81A PURCHASE OF ENERGY
25 EFFICIENCY PACKAGES.

26 The public broadcasting division of the department of
27 cultural affairs may use the state of Iowa facilities
28 improvement corporation to purchase energy efficiency packages
29 for its ultrahigh frequency transmitters.

*30 Sec. 6. NEW SECTION. 364.23 ENERGY EFFICIENT LIGHTING
31 REQUIRED.

32 All city-owned exterior flood lighting, including but not
33 limited to, street and security lighting, shall be replaced
34 when worn-out exclusively with high pressure sodium lighting
35 or lighting with equivalent or better energy efficiency as

1 approved in rules adopted by the utilities board within the
2 utilities division of the department of commerce.

3 Sec. 7. NEW SECTION. 364.24 TRAFFIC LIGHT
4 SYNCHRONIZATION.

5 After July 1, 1992, all cities with more than three traffic
6 lights within the corporate limits shall establish a traffic
4024-7 light synchronization program in accordance with rules adopted
8 by the state department of transportation. The state
9 department of transportation shall adopt rules required by
10 this section by July 1, 1990.

11 Sec. 8. Section 474.5, Code 1989, is amended to read as
12 follows:

13 474.5 RULES, FORMS AND SERVICE.

14 1. The utilities board may from time to time make or amend
15 such-general its rules or orders as may-be necessary for the
16 preservation of order and the regulation of proceedings before
17 it, including forms of notice and the service thereof, which
18 shall conform as nearly as may be to those in use in the
19 courts of the state.

20 2. The utilities board shall adopt rules approving the
21 types of city-owned or utility-owned lighting which shall be
22 used in providing energy efficient exterior lighting under
23 sections 364.23 and 476.62.

24 Sec. 9. Section 476.52, unnumbered paragraph 1, Code 1989,
25 is amended to read as follows:

26 It is the policy of this state that a public utility shall
27 operate in an efficient manner. If the board determines in
28 the course of a proceeding conducted under section 476.3 or
29 476.6 that a utility is operating in an inefficient manner, or
30 is not exercising ordinary, prudent management, or in
31 comparison with other utilities in the state the board
32 determines that the utility is performing in a less beneficial
33 manner than other utilities, the board may reduce the level of
34 profit or adjust the revenue requirement for the utility to
35 the extent the board believes appropriate to provide

1 incentives to the utility to correct its inefficient
2 operation. If the board determines in the course of a
3 proceeding conducted under section 476.3 or 476.6 that a
4 utility is operating in such an extraordinarily efficient
5 manner that tangible financial benefits result to the
6 ratepayer, the board may increase the level of profit or
7 adjust the revenue requirement for the utility. In making its
8 determination under this section, the board may also consider
9 a public utility's pursuit of energy efficiency programs. The
10 board shall adopt rules for determining the level of profit or
11 the revenue requirement adjustment that would be appropriate.

12 Sec. 10. NEW SECTION. 476.62 ENERGY EFFICIENT LIGHTING
13 REQUIRED.

14 All public utility-owned exterior flood lighting, including
15 but not limited to street and security lighting, shall be
16 replaced when worn-out exclusively with high pressure sodium
17 lighting or lighting with equivalent or better energy
18 efficiency as approved in rules adopted by the board.

19 Sec. 11. NEW SECTION. 476.63 ENERGY CONSERVATION AND
20 EFFICIENCY PROGRAMS.

21 The division shall consult with the energy and geological
22 resources division of the department of natural resources in
23 the development and implementation of public utility energy
24 conservation and efficiency programs.

4079-25 Sec. 12. Section 601K.101, Code 1989, is amended by adding
26 the following new subsection:

27 NEW SUBSECTION. 6. For the federal fiscal year beginning
28 October 1, 1989, and all succeeding federal fiscal years, not
29 less than ten percent of all moneys appropriated to the
30 division of community action agencies of the department of
31 human rights for low-income home energy assistance shall be
32 used for low-income weatherization or other related home
33 repairs for low-income households.

34 Sec. 13. PILOT PROJECT -- SUMMER FOUR-DAY WORK WEEK. The
35 director of the department of personnel shall conduct a pilot

1 project during the summer months of 1989 and 1990 wherein
2 state employees in a selected office area or areas shall work
3 four ten-hour days per week rather than five eight-hour days
4 per week. The director of the department of personnel shall
5 report on the results of the pilot project to the governor and
6 the general assembly by January 1, 1991. The report shall
7 include findings on the energy savings which resulted from the
8 pilot project as well as estimates of the energy savings which
9 would result from statewide application of a state employee
10 four ten-hour day work week during summer months. The report
11 shall include the director's findings on the extent in which a
12 state employee four ten-hour day work week could be adopted
13 statewide as well as findings on the effects the four ten-hour
14 day work week had on state employee morale and work
15 efficiency.

16 Sec. 14. STUDY -- TELECOMMUTING DEMONSTRATION. The
17 director of the department of personnel shall in a study
18 identify state employees who could telecommute one or more
19 days during the work week. The director of the department of
20 personnel shall report on the results of the study to the
21 governor and the general assembly by January 15, 1990. The
22 report shall identify those positions in state government
23 where the employees could telecommute one or more days during
24 their work week and estimate the resulting energy savings if
25 such a plan were implemented. The report shall also include a
26 statement as to the effects telecommuting would have on state
27 employee morale and work efficiency as well as an estimate of
28 any start-up costs which would be incurred by the state.

29 As used in this section, "telecommute" means to conduct
30 work at the employee's residence through the use of computer
31 terminals.

32 Sec. 15. Section 13 of this Act and this section, being
33 deemed of immediate importance, take effect upon enactment.

4/10/94 34 Sec. 16. Section 478A.7, Code 1989, is repealed.

35

SENATE FILE 419

H-4029

1 Amend Senate File 419, as amended, passed, and
2 reprinted by the Senate, as follows:

- 3 1. Page 1, lines 10 and 11, by striking the words
4 "two miles per gallon under".
5 2. Page 1, lines 19 and 20, by striking the words
6 "two miles per gallon under".
7 3. Page 1, line 32, by inserting after the word
8 "management" the following: "and the energy and
9 geological resources division of the department of
10 natural resources".
11 4. Page 3, line 7, by inserting after the word
12 "program" the words "for energy efficiency".
13 5. Page 4, by striking lines 25 through 33.
14 6. Page 5, by striking line 34.

By JOHNSON of Winneshiek

H-4029 FILED APRIL 13, 1989

Adopted 4-14-89 (p. 169-798)

SENATE FILE 419

H-4030

1 Amend Senate File 419, as amended, passed, and
2 reprinted by the Senate, as follows:

- 3 1. Page 3, by inserting after line 23 the
4 following:
5 "Sec. ____ . Section 476.1A, unnumbered paragraph 2,
6 Code 1989, is amended to read as follows:
7 However, sections 476.20, 476.21, 476.41 through
8 476.44, 476.51, 476.56, 476.62, and 476.66 and
9 chapters 476A and 478, to the extent applicable, apply
10 to such electric utilities.
11 Sec. ____ . Section 476.1B, subsection 1, Code 1989,
12 is amended by adding the following new paragraph:
13 NEW PARAGRAPH. j. Enforcement of section 476.62."

By BISIGNANO of Polk

H-4030 FILED APRIL 13, 1989

Adopted 4-14-89 (p. 169)

HOUSE AMENDMENT TO
SENATE FILE 419

S-3850

1 Amend Senate File 419, as amended, passed, and
2 reprinted by the Senate, as follows:

3 1. Page 1, line 32, by inserting after the word
4 "management" the following: "and the energy and
5 geological resources division of the department of
6 natural resources".

7 2. Page 3, line 7, by inserting after the word
8 "program" the words "for energy efficiency".

9 3. Page 3, by inserting after line 23 the
10 following:

11 "Sec. ____ . Section 476.1A, unnumbered paragraph 2,
12 Code 1989, is amended to read as follows:

13 However, sections 476.20, 476.21, 476.41 through
14 476.44, 476.51, 476.56, 476.62, and 476.66 and
15 chapters 476A and 478, to the extent applicable, apply
16 to such electric utilities.

17 Sec. ____ . Section 476.1B, subsection 1, Code 1989,
18 is amended by adding the following new paragraph:

19 NEW PARAGRAPH. j. Enforcement of section 476.62."

20 4. Page 4, by striking lines 25 through 33.

377-21 5. Page 5, by striking line 34.

22 6. By renumbering, relettering, or redesignating
23 and correcting internal references as necessary.

RECEIVED FROM THE HOUSE

S-3850 FILED APRIL 21, 1989

Senate concurred 4-25-89 (p.1654)

SENATE FILE 419

S-3877

1 Amend the House amendment, S-3850 to Senate File
2 419 as amended, passed and reprinted by the Senate as
3 follows:

4 1. Page 1, by striking line 21.

By JACK RIFE

S-3877 FILED APRIL 24, 1989

Adopted 4-25-89 (p.1654)

SENATE AMENDMENT TO HOUSE AMENDMENT TO SENATE FILE 419

H-4225

1 Amend the House amendment, S-3850 to Senate File
2 419 as amended, passed and reprinted by the Senate as
3 follows:

4 1. Page 1, by striking line 21.

RECEIVED FROM THE SENATE

H-4225 FILED APRIL 25, 1989

Refused to concur 5-4-89 (p.2428) Senate insisted

REPORT OF THE CONFERENCE COMMITTEE
ON SENATE FILE 419

To the President of the Senate and the Speaker of the House of Representatives:

We, the undersigned members of the conference committee appointed to resolve the differences between the Senate and House of Representatives on Senate File 419, a bill for An Act relating to energy efficiency and providing effective dates, respectfully make the following report:

1. That the Senate recedes from its amendment, H-4225.
2. That the House amendment, S-3850, to Senate File 419, as amended, passed, and reprinted by the Senate, is amended as follows:

1. Page 1, by inserting after line 19 the following:

"___". Page 4, by inserting after line 24 the following:

"Sec. ___". Section 478A.7, Code 1989, is amended by adding the following new subsection:

NEW SUBSECTION. 4. Notwithstanding subsection 1, commencing January 1, 1990, a person may sell or offer for sale in this state a decorative gas lamp manufactured after December 31, 1978, if the utilities board within the utilities division of the department of commerce determines, after notice and an opportunity for interested persons to comment at

an oral presentation, that the sale or offer for sale of decorative gas lamps does not violate the public interest."

ON THE PART OF THE SENATE:

ON THE PART OF THE HOUSE:

RICHARD J. VARN, Chairperson
PAT DILLUHERY
ALVIN V. MILLER
JACK RIFE
JOHN E. SOORHOLTZ

RALPH ROSENBERG, Chairperson
JANET L. ADAMS
RON J. CORBETT
ANDREW J. McKEAN
DAVID OSTERBERG

Adopted by House 5-5-89 (P-2596)

CCR-2-

SENATE FILE 419

AN ACT

RELATING TO ENERGY EFFICIENCY AND PROVIDING EFFECTIVE DATES.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. Section 18.115, subsection 4, Code 1989, is amended by adding the following new unnumbered paragraphs:

NEW UNNUMBERED PARAGRAPH. In conjunction with the requirements of section 18.3, subsection 1, effective January 1, 1990, the state vehicle dispatcher, and any other state agency purchasing motor vehicles for other than law enforcement purposes, shall each year purchase new passenger automobiles such that the average fuel efficiency for the fleet of new passenger automobiles purchased in that year by the state vehicle dispatcher is not less than two miles per gallon under the average fuel economy standard for the automobiles' model year as established by the United States secretary of transportation under 15 U.S.C. § 2002. This paragraph does not apply to automobiles purchased for law enforcement purposes. The group of comparable automobiles within the total fleet purchased by the state vehicle dispatcher, or any other state agency purchasing motor vehicles for other than law enforcement purposes, shall have an average fuel efficiency rating not less than two miles per gallon under the average fuel economy rating for that model year for that class of comparable automobiles as defined in 40 C.F.R. § 325-82. As used in this paragraph, "fuel economy" means the average number of miles traveled by an automobile per gallon of gasoline consumed as determined by the United States environmental protection agency administrator in accordance with 26 U.S.C. § 4064(c).

NEW UNNUMBERED PARAGRAPH. The state vehicle dispatcher shall annually report the average combined fuel economy for

all new motor vehicles purchased by classification (passenger automobiles, enforcement automobiles, vans, and light trucks) no later than January 31 of each year to the department of management and the energy and geological resources division of the department of natural resources. As used in this paragraph, "combined fuel economy" means the combined fuel economy as defined in 40 C.F.R. § 600.002.

Sec. 2. Section 93.7, Code 1989, is amended by adding the following new subsection immediately following subsection 1:

NEW SUBSECTION. 1A. Identify a state facility in the state to be used as a marketing tool to promote energy conservation by providing a showcase for the department to demonstrate energy efficiency.

Sec. 3. NEW SECTION. 93.13A ENERGY CONSERVATION MEASURES IDENTIFIED.

The state, state agencies, political subdivisions of the state, schools, area education agencies, and area schools shall identify and implement, through energy audits and engineering analyses, all energy conservation measures identified for which financing is made available by the department to the entity. The energy conservation measure financings shall be supported through payments from energy savings.

Sec. 4. NEW SECTION. 262.69A PURCHASE OF FUEL EFFICIENT AUTOMOBILES.

Institutions under the control of the state board of regents shall purchase only new automobiles which have at least the fuel economy required for purchase of new automobiles by the state vehicle dispatcher under section 18.115, subsection 4. This section does not apply to automobiles purchased for law enforcement purposes.

Sec. 5. NEW SECTION. 303.81A PURCHASE OF ENERGY EFFICIENCY PACKAGES.

The public broadcasting division of the department of cultural affairs may use the state of Iowa facilities improvement corporation to purchase energy efficiency packages for its ultrahigh frequency transmitters.

Sec. 6. NEW SECTION. 364.23 ENERGY EFFICIENT LIGHTING REQUIRED.

All city-owned exterior flood lighting, including but not limited to, street and security lighting, shall be replaced when worn-out exclusively with high pressure sodium lighting or lighting with equivalent or better energy efficiency as approved in rules adopted by the utilities board within the utilities division of the department of commerce.

Sec. 7. NEW SECTION. 364.24 TRAFFIC LIGHT SYNCHRONIZATION.

After July 1, 1992, all cities with more than three traffic lights within the corporate limits shall establish a traffic light synchronization program for energy efficiency in accordance with rules adopted by the state department of transportation. The state department of transportation shall adopt rules required by this section by July 1, 1990.

Sec. 8. Section 474.5, Code 1989, is amended to read as follows:

474.5 RULES, FORMS AND SERVICE.

1. The utilities board may from time to time make or amend such general its rules or orders as may be necessary for the preservation of order and the regulation of proceedings before it, including forms of notice and the service thereof, which shall conform as nearly as may be to those in use in the courts of the state.

2. The utilities board shall adopt rules approving the types of city-owned or utility-owned lighting which shall be used in providing energy efficient exterior lighting under sections 364.23 and 476.62.

Sec. 9. Section 476.1A, unnumbered paragraph 2, Code 1989, is amended to read as follows:

However, sections 476.20, 476.21, 476.41 through 476.44, 476.51, 476.56, 476.62, and 476.66 and chapters 476A and 478, to the extent applicable, apply to such electric utilities.

Sec. 10. Section 476.1B, subsection 1, Code 1989, is amended by adding the following new paragraph:

NEW PARAGRAPH. j). Enforcement of section 476.62.

Sec. 11. Section 476.52, unnumbered paragraph 1, Code 1989, is amended to read as follows:

It is the policy of this state that a public utility shall operate in an efficient manner. If the board determines in the course of a proceeding conducted under section 476.3 or 476.6 that a utility is operating in an inefficient manner, or is not exercising ordinary, prudent management, or in comparison with other utilities in the state the board determines that the utility is performing in a less beneficial manner than other utilities, the board may reduce the level of profit or adjust the revenue requirement for the utility to the extent the board believes appropriate to provide incentives to the utility to correct its inefficient operation. If the board determines in the course of a proceeding conducted under section 476.3 or 476.6 that a utility is operating in such an extraordinarily efficient manner that tangible financial benefits result to the ratepayer, the board may increase the level of profit or adjust the revenue requirement for the utility. In making its determination under this section, the board may also consider a public utility's pursuit of energy efficiency programs. The board shall adopt rules for determining the level of profit or the revenue requirement adjustment that would be appropriate.

Sec. 12. NEW SECTION. 476.62 ENERGY EFFICIENT LIGHTING REQUIRED.

All public utility-owned exterior flood lighting, including but not limited to street and security lighting, shall be replaced when worn-out exclusively with high pressure sodium lighting or lighting with equivalent or better energy efficiency as approved in rules adopted by the board.

Sec. 13. NEW SECTION. 476.63 ENERGY CONSERVATION AND EFFICIENCY PROGRAMS.

The division shall consult with the energy and geological resources division of the department of natural resources in the development and implementation of public utility energy conservation and efficiency programs.

Sec. 14. Section 478A.7, Code 1989, is amended by adding the following new subsection:

NEW SUBSECTION. 4. Notwithstanding subsection 1, commencing January 1, 1990, a person may sell or offer for sale in this state a decorative gas lamp manufactured after December 31, 1978, if the utilities board within the utilities division of the department of commerce determines, after notice and an opportunity for interested persons to comment at an oral presentation, that the sale or offer for sale of decorative gas lamps does not violate the public interest.

Sec. 15. PILOT PROJECT -- SUMMER FOUR-DAY WORK WEEK. The director of the department of personnel shall conduct a pilot project during the summer months of 1989 and 1990 wherein state employees in a selected office area or areas shall work four ten-hour days per week rather than five eight-hour days per week. The director of the department of personnel shall report on the results of the pilot project to the governor and the general assembly by January 1, 1991. The report shall include findings on the energy savings which resulted from the pilot project as well as estimates of the energy savings which would result from statewide application of a state employee four ten-hour day work week during summer months. The report shall include the director's findings on the extent in which a state employee four ten-hour day work week could be adopted statewide as well as findings on the effects the four ten-hour day work week had on state employee morale and work efficiency.

Sec. 16. STUDY -- TELECOMMUTING DEMONSTRATION. The director of the department of personnel shall in a study identify state employees who could telecommute one or more days during the work week. The director of the department of personnel shall report on the results of the study to the governor and the general assembly by January 15, 1990. The report shall identify those positions in state government where the employees could telecommute one or more days during their work week and estimate the resulting energy savings if

such a plan were implemented. The report shall also include a statement as to the effects telecommuting would have on state employee morale and work efficiency as well as an estimate of any start-up costs which would be incurred by the state.

As used in this section, "telecommute" means to conduct work at the employee's residence through the use of computer terminals.

Sec. 17. Section 15 of this Act and this section, being deemed of immediate importance, take effect upon enactment.

JO ANN ZIMMERMAN
President of the Senate

DONALD D. AVENSON
Speaker of the House

I hereby certify that this bill originated in the Senate and is known as Senate File 419, Seventy-third General Assembly.

Approved  June 3, 1989

JOHN F. DWYER
Secretary of the Senate

TERRY E. BRANSTAD
Governor