

Reprinted 3/7/85

FEB 18 1985

Place On Calendar

HOUSE FILE 341

BY COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

(Formerly House Study Bill 12)

Passed House, Date 3-4-85 (p.641) Passed Senate, Date 4-17-85 (P.1454)  
Vote: Ayes 76 Nays 17 Vote: Ayes 33 Nays 15  
Approved May 17, 1985

### A BILL FOR

- 1 An Act requiring the state building code commissioner to adopt
- 2 a minimum energy efficiency standard for new single-family
- 3 or two-family residential construction.
- 4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

HOUSE FILE 341

H-3218

- 1 Amend House File 341 as follows:
- 2 1. Page 1, by striking lines 31 through 33 and
- 3 inserting the following: "consumption, as expressed
- 4 in terms of the home heating index. The minimum
- 5 standard".

H-3218 FILED MARCH 1, 1985

BY VAN CAMP of Scott

*Adopted 3/4/85 (p.640)*

HF 341

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1 Section 1. Section 103A.8, subsection 7, Code 1985, is  
2 amended to read as follows:

3 7. Limit the application of thermal efficiency standards  
4 for energy conservation to new construction which will  
5 incorporate a heating or cooling system. Air exchange fans  
6 designed to provide ventilation shall not be considered a  
7 cooling system. The commissioner shall exempt any new  
8 construction from thermal efficiency standards for energy  
9 conservation if the commissioner determines that the standards  
10 are unreasonable as they apply to a particular building or  
11 class of buildings including farm buildings for livestock use.  
12 Lighting efficiency standards shall recognize variations in  
13 lighting intensities required for the various tasks performed  
14 within the building. The commissioner shall consult with the  
15 energy policy council regarding standards for energy  
16 conservation prior to the promulgation of the standards.  
17 However, the standards shall be consistent with the require-  
18 ments of section 103A.25.

19 Sec. 2. NEW SECTION. 103A.25 MINIMUM ENERGY EFFICIENCY  
20 STANDARD.

21 2218 The state building code commissioner shall adopt as a part  
22 of the state building code a requirement that new single-  
23 family or two-family residential construction shall meet an  
24 established minimum energy efficiency standard. The standard  
25 shall be stated in terms of the home heating index developed  
26 by the physics department at Iowa state university of science  
27 and technology. The minimum standard shall be the average  
28 energy consumption of new single-family or two-family  
29 residential construction as determined by a survey conducted  
30 by the energy policy council of the average actual energy  
31 consumption, as expressed in terms of the home heating index,  
32 within the preceding twenty-four month period immediately  
33 prior to the adoption of the standard. A new minimum standard  
34 shall only apply to single-family or two-family residential  
35 construction commenced after the adoption of the standard.

EXPLANATION

1  
2 This bill requires the state building code commissioner to  
3 adopt a minimum energy consumption standard for new  
4 residential construction. The standard shall be expressed in  
5 terms of the home heating index developed by the physics  
6 department of the Iowa state university of science and  
7 technology. The standard shall be the average actual energy  
8 consumption for new residential construction as determined by  
9 a survey conducted by the energy policy council.

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Am Energy 3/7/85 Re Pass 4/10 (p. 1286)

House File 341

ENERGY & ENVIRONMENT: Colton, Chair; Gronstal and Soorholtz

HOUSE FILE 341

BY COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

(As Amended and Passed by the House March 4, 1985)

Passed House, Date 3-4-85 (p. 1641) Passed Senate, Date 4-17-85 (p. 1454)  
Vote: Ayes 76 Nays ~~7~~ 17 Vote: Ayes 33 Nays 15  
Approved May 17, 1985

### A BILL FOR

1 An Act requiring the state building code commissioner to adopt  
2 a minimum energy efficiency standard for new single-family  
3 or two-family residential construction.

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

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House Amendments \_\_\_\_\_

1 Section 1. Section 103A.8, subsection 7, Code 1985, is  
2 amended to read as follows:

3 7. Limit the application of thermal efficiency standards  
4 for energy conservation to new construction which will  
5 incorporate a heating or cooling system. Air exchange fans  
6 designed to provide ventilation shall not be considered a  
7 cooling system. The commissioner shall exempt any new  
8 construction from thermal efficiency standards for energy  
9 conservation if the commissioner determines that the standards  
10 are unreasonable as they apply to a particular building or  
11 class of buildings including farm buildings for livestock use.  
12 Lighting efficiency standards shall recognize variations in  
13 lighting intensities required for the various tasks performed  
14 within the building. The commissioner shall consult with the  
15 energy policy council regarding standards for energy  
16 conservation prior to the promulgation of the standards.  
17 However, the standards shall be consistent with the require-  
18 ments of section 103A.25.

19 Sec. 2. NEW SECTION. 103A.25 MINIMUM ENERGY EFFICIENCY  
20 STANDARD.

21 The state building code commissioner shall adopt as a part  
22 of the state building code a requirement that new single-  
23 family or two-family residential construction shall meet an  
24 established minimum energy efficiency standard. The standard  
25 shall be stated in terms of the home heating index developed  
26 by the physics department at Iowa state university of science  
27 and technology. The minimum standard shall be the average  
28 energy consumption of new single-family or two-family  
29 residential construction as determined by a survey conducted  
30 by the energy policy council of the average actual energy  
31 consumption, as expressed in terms of the home heating index.  
32 The minimum standard shall only apply to single-family or two-  
33 family residential construction commenced after the adoption  
34 of the standard.

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now  
HF 341

HOUSE FILE 341

Study Bill 12

BY (PROPOSED COMMITTEE ON  
ENERGY AND ENVIRONMENTAL  
PROTECTION BILL)

Energy and Environmental Protection: Hughes, Chair; Carl, De Groot, Mullins and  
Peterson.

Passed House, Date \_\_\_\_\_ Passed Senate, Date \_\_\_\_\_  
Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_ Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_  
Approved \_\_\_\_\_

### A BILL FOR

1 An Act requiring the state building code commissioner to adopt  
2 a minimum energy consumption standard for new residential  
3 construction and requiring periodic updating of the standard.

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

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S.F. \_\_\_\_\_ H.F. \_\_\_\_\_

1 Section 1. Section 103A.8, subsection 7, Code 1985, is  
2 amended to read as follows:

3 7. Limit the application of thermal efficiency standards  
4 for energy conservation to new construction which will  
5 incorporate a heating or cooling system. Air exchange fans  
6 designed to provide ventilation shall not be considered a  
7 cooling system. The commissioner shall exempt any new  
8 construction from thermal efficiency standards for energy  
9 conservation if the commissioner determines that the standards  
10 are unreasonable as they apply to a particular building or  
11 class of buildings including farm buildings for livestock use.  
12 Lighting efficiency standards shall recognize variations in  
13 lighting intensities required for the various tasks performed  
14 within the building. The commissioner shall consult with the  
15 energy policy council regarding standards for energy  
16 conservation prior to the promulgation of the standards.  
17 However, the standards shall be consistent with the require-  
18 ments of section 103A.25.

19 Sec. 2. NEW SECTION. 103A.25 MINIMUM ENERGY EFFICIENCY  
20 STANDARD. The state building code commissioner shall adopt as  
21 a part of the state building code a requirement that new  
22 residential construction shall meet an established minimum  
23 energy consumption standard. The standard shall be stated in  
24 terms of the home heating index developed by the physics  
25 department at Iowa state university. The minimum standard  
26 shall be the average energy consumption of new residential  
27 construction as determined by a survey conducted by the energy  
28 policy council of the average actual energy consumption, as  
29 expressed in terms of the home heating index, within the  
30 preceding twenty-four month period immediately prior to the  
31 adoption of the standard. The minimum standard shall be  
32 upgraded every three years to the average actual energy  
33 consumption for new residential construction in the state  
34 based upon a survey conducted by the energy policy council for  
35 the first two years of the three-year period. A new minimum

1 standard shall only apply to residential construction  
2 commenced after the adoption of the standard.

3 EXPLANATION

4 This bill requires the state building code commissioner to  
5 adopt a minimum energy consumption standard for new  
6 residential construction. The standard shall be expressed in  
7 terms of the home heating index developed by the physics  
8 department of the Iowa state university. The standard shall  
9 be the average actual energy consumption for new residential  
10 construction as determined by a survey conducted by the energy  
11 policy council. The standard shall be updated every three  
12 years.

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HOUSE FILE 341

AN ACT

REQUIRING THE STATE BUILDING CODE COMMISSIONER TO ADOPT A  
MINIMUM ENERGY EFFICIENCY STANDARD FOR NEW SINGLE-FAMILY  
OR TWO-FAMILY RESIDENTIAL CONSTRUCTION.

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

Section 1. Section 103A.8, subsection 7, Code 1985, is amended to read as follows:

7. Limit the application of thermal efficiency standards for energy conservation to new construction which will incorporate a heating or cooling system. Air exchange fans designed to provide ventilation shall not be considered a cooling system. The commissioner shall exempt any new construction from thermal efficiency standards for energy conservation if the commissioner determines that the standards are unreasonable as they apply to a particular building or class of buildings including farm buildings for livestock use. Lighting efficiency standards shall recognize variations in lighting intensities required for the various tasks performed within the building. The commissioner shall consult with the energy policy council regarding standards for energy conservation prior to the promulgation of the standards. However, the standards shall be consistent with the requirements of section 103A.25.

Sec. 2. NEW SECTION. 103A.25 MINIMUM ENERGY EFFICIENCY STANDARD.

The state building code commissioner shall adopt as a part of the state building code a requirement that new single-family or two-family residential construction shall meet an established minimum energy efficiency standard. The standard shall be stated in terms of the home heating index developed by the physics department at Iowa state university of science

and technology. The minimum standard shall be the average energy consumption of new single-family or two-family residential construction as determined by a survey conducted by the energy policy council of the average actual energy consumption, as expressed in terms of the home heating index. The minimum standard shall only apply to single-family or two-family residential construction commenced after the adoption of the standard.

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DONALD D. AVENSON  
Speaker of the House

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ROBERT T. ANDERSON  
President of the Senate

I hereby certify that this bill originated in the House and is known as House File 341, Seventy-first General Assembly.

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JOSEPH O'HERN  
Chief Clerk of the House

Approved *May 17*, 1985

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TERRY E. BRANSTAD  
Governor

H.F. 341