

Senate File 1362  
Welden, Chairman  
Avenson  
Dunlap  
Freeman  
Middleswart  
Strothman  
Wyckoff

*Reprinted 4/24*  
SENATE FILE 1362

By COMMITTEE ON APPROPRIATIONS

FILED APP

Passed Senate, Date 4-17-74 (1407) Passed House, Date \_\_\_\_\_

Vote: Ayes 23 Nays 26 Vote: Ayes \_\_\_\_\_ Nays \_\_\_\_\_

Approved \_\_\_\_\_

*Motion to reconsider filed 4-17 (1407) passed 4/23*

*Passed Senate 4-23-74 (1530)  
33-17*

## A BILL FOR

1 An Act making an appropriation from the general fund of the  
2 state to the state comptroller to carry out a coal mine  
3 research project within the state.

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

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1 Section 1. There is appropriated from the general fund of  
2 the state to the state comptroller the sum of five million five  
3 hundred thousand (5,500,000) dollars, or so much thereof as may  
4 be necessary, to carry out a coal mine research project within  
5 the state.

6 Sec. 2. For the purpose of carrying out this Act, the governor  
7 shall appoint subject to confirmation by the Senate a management  
8 commission to consist of not less than five or not more than seven  
9 persons, who shall be responsible to the governor for the develop-  
10 ment of the project. Members of the commission who hold elected  
11 or appointed positions in the state shall not receive additional  
12 compensation as members of this commission. Funds appropriated  
13 by this Act shall not be expended until approved by the commis-  
14 sion, and all expenses of commission members shall be paid in  
15 accordance with chapter eight (8) of the Code.

16 Sec. 3. The management commission, the governor, and the  
17 state comptroller may accept federal grants for the state to  
18 be used in connection with funds appropriated by this Act.

19 Sec. 4. Nothing in this Act shall prohibit the management  
20 commission and the state comptroller from entering into manage-  
21 ment, research, development or mining contracts. Such contracts  
22 shall, upon execution, be filed with the office of the legislative  
23 fiscal bureau.

24 Sec. 5. Any unencumbered funds appropriated by this Act  
25 remaining on June 30, 1977 shall revert to the general fund on  
26 September 30, 1977, and the provisions of this Act shall cease  
27 on June 30, 1977.

28 Sec. 6. It is the intent of the general assembly to provide  
29 for a coal mine research project within Iowa. The project shall  
30 include, but not be limited to the following studies: The  
31 acquisition of a land site; extraction of coal reserves;  
32 improvement in the quality of coal used as fuel through removal  
33 of unwanted properties; transportation of coal; examination of  
34 the residual properties of coal for other uses; and restoration  
35 of mined land sites.



SENATE FILE 1362

S-2838

1 Amend Senate File 1362 by striking everything after  
2 the enacting clause and inserting in lieu thereof the  
3 following:

4 Section 1. There is appropriated from the gene-  
5 ral fund of the state to Iowa state university of  
6 science and technology the sum of three million  
7 (3,000,000) dollars, or so much thereof as may be  
8 necessary, for the energy and mineral resource re-  
9 search institute to carry out a coal research project  
10 within the state.

11 Sec. 2. Iowa state university of science and  
12 technology, or the governor and state comptroller, may  
13 accept federal grants for the state to be used in con-  
14 nection with funds appropriated by this Act. All fed-  
15 eral grants to and the federal receipts of Iowa state  
16 university of science and technology are appropriated  
17 for the purpose set forth in the federal grants and  
18 receipts.

19 Sec. 3. Nothing in this Act shall prohibit Iowa  
20 state university of science and technology or the  
21 energy and mineral resource research institute from  
22 entering into management, research, development or  
23 mining contracts the cost of which falls within the  
24 limits of the appropriation made by and grants re-  
25 ceived under the provisions of this Act. Such con-

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1 tracts shall, upon execution, be filed with the office  
2 of the legislative fiscal bureau.

3 Sec. 4. Any unencumbered funds appropriated by  
4 this Act remaining on June 30, 1977, shall revert to  
5 the general fund on September 30, 1977.

6 Sec. 5. It is the intent of the general assembly  
7 to provide for a coal research project within Iowa.  
8 The project shall include but not be limited to the  
9 following: Experiments in the washing of coal and  
10 methods for improving the quality of coal used as  
11 fuel through removal of unwanted properties; purchase  
12 and transportation of coal; examination of the resid-  
13 ual properties of coal for other uses; and restora-  
14 tion of mined land sites.

15 Sec. 6. The energy and mineral resource  
16 research institute shall report not later than  
17 January 15, 1975 and January 15, 1976 to the general  
18 assembly on activities related to the project and on  
19 the advisability of continuing the project. The  
20 report shall include information on the progress of  
21 the project, and recommendations for future coal  
22 projects.

23 Sec. 7. This Act being deemed of immediate  
24 importance, shall take effect and be in force from  
25 and after its publication in The Monroe County News,

Senate 14  
April 24, 1974

Page 3

1 a newspaper published in Albia, Iowa, and in The  
2 Hamburg Reporter, a newspaper published in Hamburg,  
3 Iowa.

S—2838 Filed, amended <sup>by 2/24/</sup> and By GLENN and HULTMAN  
adopted  
April 23, 1974

#### EXPLANATION

This Act appropriates \$3,000,000 to Iowa state university of science and technology for a coal research project to be conducted by the energy and mineral resource research institute.

S—2789

1 Amend Senate File 1362, by striking everything after  
2 the enacting clause and inserting in lieu thereof  
3 the following:

4 Section 1. There is appropriated from the  
5 general fund of the state to the state comptroller  
6 for use by the Iowa state university of science and  
7 technology college of engineering, chemical  
8 engineering department for the fiscal year beginning  
9 July 1, 1974, the sum of one million (1,000,000)  
10 dollars, to be used for research to improve the  
11 quality and usability of Iowa coal used as fuel  
12 through removal of unwanted properties.

13 Sec. 2. It is the intent of the general assembly  
14 that this project shall include, but not be limited  
15 to the following: research for gasification of  
16 Iowa coal into a methane gas.

17 Sec. 3. The department of chemical engineering  
18 shall by January 5 and July 5 of each year submit  
19 a written report to the members of the general  
20 assembly on the progress of its research project.

21 Sec. 4. Any unencumbered funds appropriated by  
22 this Act remaining on June 30, 1977 shall revert  
23 to the general fund on September 30, 1977 and  
24 the provisions of this Act shall cease on June 30,  
25 1977.

S—2789 Filed and lost By SCHABEN and GLENN  
April 17, 1974

S—2791

1 Amend Senate File 1362, page 2, by striking line  
2 31.

S—2791 Filed and adopted By NOLIN  
April 17, 1974

S-2792

- 1 Amend Senate File 1362 as follows:
- 2 1. Page 2, by striking in lines 2 and 3 "million
- 3 five hundred thousand (5,500,000)" and inserting
- 4 in lieu thereof: "hundred thousand (500,000)".
- 5 2. Page 2, line 4, by striking the word "project"
- 6 and inserting in lieu thereof the word "study".
- 7 3. Page 2, line 29, by striking the word
- 8 "project" and inserting in lieu thereof the word
- 9 "study".

S-2792 Filed and lost  
April 17, 1974

By DODERER and JUNKINS

S-2794

- 1 Amend Senate File 1362, page 2, lines 2 and 3 by
- 2 striking the words and figure "five million five
- 3 hundred thousand (5,500,000)" and inserting in lieu
- 4 thereof the words and figures "three million five
- 5 hundred thousand (3,500,000)".

S-2794 Filed and lost  
April 17, 1974

By DODERER and GLENN

S-2841

- 1 Amend the Glenn-Hultman amendment S-2838 to
- 2 Senate File 1362, page 2, line 14, by inserting
- 3 after the word "sites" the following: "in
- 4 cooperation with the state soil conservation
- 5 committee".

S-2841 Filed and adopted  
April 23, 1974

By PRIEBE

S-2843

- 1 Amend the Glenn-Hultman amendment S-2838 to
- 2 Senate File 1362 as follows:
- 3 1. Page 1, line 6, by striking the word "three"
- 4 and inserting in lieu thereof the word "one".
- 5 2. Page 1, line 7, by striking the numeral
- 6 "3,000,000" and inserting in lieu thereof the
- 7 numeral "1,000,000".

S-2843 Filed and lost  
April 23, 1974

By GLUBA

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S—2845

- 1 Amend the Glenn-Hultman amendment S-2838, to Senate
- 2 File 1362, page 1, lines 6 and 7, by striking the words
- 3 and figures "three million (3,000,000)" and inserting
- 4 in lieu thereof the words and figures "two million
- 5 (2,000,000)".

S—2845 Filed and lost  
April 23, 1974

By GALLAGHER

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S—2847

- 1 Amend the Glenn-Hultman amendment S-2838 to Senate
- 2 File 1362, page 2, by striking lines 3 through 5,
- 3 inclusive and renumbering the remaining sections.

S—2847 Filed and lost  
April 23, 1974

By SCHABEN

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S—2849

- 1 Amend the Glenn-Hultman amendment S-2838, to Senate
- 2 File 1362, as follows:
- 3 1. Page 2, line 14 by adding after the word "sites."
- 4 the sentence "The project shall not include the pur-
- 5 chase of land sites for mining purposes."

S—2849 Filed and lost  
April 23, 1974

By KINLEY and JUNKINS

April 23, 1974

*See App. 4/24, Pass per 2092 5/2*

SENATE FILE 1362

By COMMITTEE ON APPROPRIATIONS

**SENATE AMENDMENTS  
SHOWN IN BOLD FACE**

**(AS PASSED BY THE SENATE)**

*per House amendment*  
Passed Senate; Date 5-3-74 (1987) Passed House, Date 5-3-74 (2407)

Vote: Ayes 34 Nays 11 Vote: Ayes 64 Nays 32

Approved 5-10-74

## A BILL FOR

- 1 An Act making an appropriation from the general fund of the
- 2 state to the state comptroller to carry out a coal mine
- 3 research project within the state.
- 4 *Be It Enacted by the General Assembly of the State of Iowa:*

1 Section 1. There is appropriated from the general fund  
2 of the state to Iowa state university of science and technology  
3 the sum of three million (3,000,000) dollars, or so much thereof  
4 as may be necessary, for the energy and mineral resource research  
5 institute to carry out a coal research project within the state.

6 Sec. 2. Iowa state university of science and technology,  
7 or the governor and state comptroller, may accept federal grants  
8 for the state to be used in connection with funds appropriated  
9 by this Act. All federal grants to and the federal receipts  
10 of Iowa state university of science and technology are appro-  
11 priated for the purpose set forth in the federal grants and  
12 receipts.

13 Sec. 3. Nothing in this Act shall prohibit Iowa state  
14 university of science and technology or the energy and mineral  
15 resource research institute from entering into management,  
16 research, development or mining contracts the cost of which  
17 falls within the limits of the appropriation made by and grants  
18 received under the provisions of this Act. Such contracts  
19 shall, upon execution, be filed with the office of the legislative  
20 fiscal bureau.

21 Sec. 4. Any unencumbered funds appropriated by this Act  
22 remaining on June 30, 1977, shall revert to the general fund  
23 on September 30, 1977.

24 Sec. 5. It is the intent of the general assembly to pro-  
25 vide for a coal research project within Iowa. The project shall  
26 include but not be limited to the following: Experiments in the  
27 washing of coal and methods for improving the quality of coal used  
28 as fuel through removal of unwanted properties; purchase and  
29 transportation of coal; examination of the residual properties  
30 of coal for other uses; and restoration of mined land sites in  
31 cooperation with the state soil conservation committee.

32 Sec. 6. The energy and mineral resource research institute  
33 shall report not later than January 15, 1975 and January 15,  
34 1976 to the general assembly on activities related to the  
35 project and on the advisability of continuing the project.

1 The report shall include information on the progress of the  
 2 project, and recommendations for future coal projects.  
 3 Sec. 7. This Act being deemed of immediate importance,  
 4 shall take effect and be in force from and after its publi-  
 5 cation in The Monroe County News, a newspaper published in  
 6 Albia, Iowa, and in The Hamburg Reporter, a newspaper  
 7 published in Hamburg, Iowa.

8 EXPLANATION

9 This Act appropriates \$3,000,000 to Iowa state university  
 10 of science and technology for a coal research project to be  
 11 conducted by the energy and mineral resource research institute.

H-3135

1 Amend the Byerly, et al., amendment H-3134, to  
 2 Senate File 1362, by inserting after line 32 the  
 3 following:  
 4 "There is established an interim study committee  
 5 made up of members of the House of Representatives  
 6 and Senate to study the use of Iowa's coal resources."

H-3135 Filed and lost  
May 3, 1974

By AVENSON of Fayette  
 CUSACK of Scott  
 BRUNOW of Appanoose  
 PONCY of Wapello  
 HARPER of Davis  
 MIDDLESWART of Warren

HOUSE AMENDMENT TO SENATE FILE 1362

1 Amend Senate File 1362, as passed by the Senate and  
 2 reprinted, as follows:  
 3 1. Page 2, line 20, by inserting after the period the  
 4 sentence "Iowa state university of science and technology  
 5 shall not discriminate on the basis of age or professional  
 6 standing in the employment of personnel to carry out this  
 7 project, but shall seek to employ persons qualified in coal  
 8 technology."  
 9 2. Page 2, line 26 by striking the words "but not be  
 10 limited to".  
 11 3. Page 1, line 2, by striking the words "the state  
 12 comptroller to carry out a coal mine" and inserting in lieu  
 13 thereof the words "Iowa state university of science and  
 14 technology to carry out a coal".

Received from the House  
May 3, 1974

*Senate concurred 5/3*

1 Amend Senate File 1362, as amended, passed, and  
2 reprinted by the Senate, as follows:

3 1. By striking everything after the enacting  
4 clause and inserting in lieu thereof the following:

5 Section 1. There is appropriated from the general  
6 fund of the state to the office for planning and  
7 programming for the fiscal year beginning July 1,  
8 1974 and ending June 30, 1975, the sum of five hun-  
9 dred thousand (500,000) dollars, or so much thereof  
10 as may be necessary, to match federal funds granted  
11 to the state for coal research.

12 Sec. 2. The office for planning and programming  
13 shall actively seek, and promote the efficient and  
14 economic utilization of, federal, state, and local  
15 resources available for coal research. The office  
16 for planning and programming and the governor shall  
17 have final approval of all applications made for fed-  
18 eral grants when funds appropriated by this Act are to  
19 be used to match or contribute toward the costs of the  
20 program for which application is made.

21 Sec. 3. All federal grants to and the federal  
22 receipts of the agency receiving funds under this  
23 Act are appropriated for the purpose set forth in  
24 the federal grants or receipts.

25 Sec. 4. Any unencumbered funds appropriated by  
26 this Act remaining on June 30, 1975 shall revert to  
27 the general fund on September 30, 1975.

28 2. Page 1, amend the title, by striking lines 2  
29 and 3 and inserting in lieu thereof the words "state  
30 to the office for planning and programming for the  
31 purpose of matching federal funds granted to the state  
32 for coal research".

H-3134 Filed and lost  
May 3, 1974

By BYERLY of Polk  
CUSACK of Scott  
KRAUSE of Palo Alto  
RINAS of Linn  
HUTCHINS of Guthrie  
HOWELL of Floyd  
GRIFFEE of Chickasaw

H-3092

1 Amend Senate File 1362, page 2, line 26 by striking the words  
"but not be  
2 limited to".

H-3092 Filed - *Adopted 5/3*  
May 2, 1974

By COMMITTEE ON APPROPRIATIONS  
GRASSLEY of Butler, Chairman

H-3064

1 Amend Senate File 1362 as amended, passed, and  
2 reprinted by the Senate as follows:  
3 1. Page 2, line 31, by inserting after the  
4 period the following new sentence: "In no event  
5 shall any of the funds appropriated by this Act be  
6 used for the purchase or lease of land."

H-3064 Filed - *Lost 5/3*  
April 30, 1974

By KRAUSE of Palo Alto

H-3015

1 Amend Senate File 1362, as amended, passed, and  
2 reprinted by the Senate, as follows:  
3 1. Page 2, by striking lines 3, 4, and 5 and  
4 inserting in lieu thereof the words and figures "the  
5 following amounts, or so much thereof as may be neces-  
6 sary, to be used in the manner designated:  
7 1. For the college of engineering  
8 chemical engineering department to conduct  
9 a research project on the production of  
10 methane through gasification of Iowa  
11 coal: . . . . . \$2,000,000.  
12 2. For the energy and mineral  
13 resource research institute to carry  
14 out the coal research project  
15 described in section five (5) of  
16 this Act: . . . . . \$1,000,000."  
17 2. Page 2, line 14, by inserting after the word  
18 "technology" the words ", the college of engineering  
19 chemical engineering department,".  
20 3. Page 2, line 32, by inserting after the word  
21 "institute" the words "and the college of engineer-  
22 ing chemical engineering department".  
23 4. Page 1, line 2, amend the title, by striking  
24 the words "state comptroller to carry out a coal mine"  
25 and inserting in lieu thereof the words "Iowa state  
26 university of science and technology to carry out a  
27 coal".

H-3015 Filed - *4/2 4/3*  
April 25, 1974

By KRAUSE of Palo Alto  
RAPP of Black Hawk  
AVENSON of Fayette  
FITZGERALD of Webster  
HUTCHINS of Guthrie  
CAFFREY of Polk

H-3013

1 Amend Senate File 1362, as amended, passed, and  
2 reprinted by the Senate, page 2, line 26, by striking  
3 the words "but not be limited to".

H-3013 Filed - *W/d 5/3* By KRAUSE of Palo Alto  
April 25, 1974

H-3008

1 Amend Senate File 1362, as amended and passed by the  
2 Senate, page 2, line 20, after the period, by insert-  
3 ing the sentence "Iowa state university of science  
4 and technology shall not discriminate on the basis  
5 of age or professional standing in the employment of  
6 personnel to carry out this project, but shall seek  
7 to employ persons qualified in coal technology."

H-3008 Filed - *Adopted 5/3* By ANDERSON of Ringgold  
April 25, 1974 MILLER of Calhoun

H-2999

1 Amend Senate File 1362, as amended and passed by  
2 the Senate, as follows:  
3 1. Page 2, by striking lines 3, 4, and 5 and in-  
4 serting in lieu thereof the words and figures "the  
5 following amounts, or so much thereof as may be nec-  
6 essary, to be used by the energy and mineral resource  
7 research institute for the following purposes:  
8 1. To carry out a coal research project  
9 within the state: .....\$2,800,000  
10 2. To perform research in gasohol: .....\$ 200,000".  
11 2. Page 2, line 35, by inserting after the word  
12 "project" the words ", including research in gasohol,".

H-2999 Filed - *W/d 5/3* By MILLER of Calhoun  
April 24, 1974 HANSEN of O'Brien  
WYCKOFF of Benton  
HUSAK of Tama  
PELLETT of Cass  
DANKER of Pottawattamie  
HUTCHINS of Guthrie

H-3126

1 Amend Senate File 1362, as amended, passed, and  
2 reprinted by the Senate, page 1, line 2, amend the  
3 title, by striking the words "the state comptroller to  
4 carry out a coal mine" and inserting in lieu thereof  
5 the words "Iowa state university of science and tech-  
6 nology to carry out a coal".

H-3126 Filed - *Adopted 5/3* By WELDEN of Hardin  
May 2, 1974

H-3099

1 Amend Senate File 1362, as amended, passed, and re-  
2 printed by the Senate, page 2, line 3, by striking  
3 the words and figure "three million (3,000,000)" and  
4 inserting in lieu thereof the words and figure "one  
5 million (1,000,000)".

H-3099 Filed - *Last 5/3* By HUSAK of Tama  
May 2, 1974 WYCKOFF of Benton