

Colin W. Jack proposes the following substitute bill:

**Energy Education Amendments**

2025 GENERAL SESSION

STATE OF UTAH

**Chief Sponsor: Colin W. Jack**

Senate Sponsor: Derrin R. Owens

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**LONG TITLE**

**General Description:**

This bill modifies provisions related to the Office of Energy Development.

**Highlighted Provisions:**

This bill:

- defines terms;
- requires the Office of Energy Development (office) to:
  - develop and maintain energy education programs and curricula for grades K-12;
  - develop and provide professional development training for educators;
  - develop energy related workforce development programs; and
  - establish the Energy Education and Workforce Development Advisory Group

(advisory group);

- outlines the responsibilities and duties of the advisory group; and
- requires the office to report annually to the Public Utilities, Energy, and Technology

Interim Committee.

**Money Appropriated in this Bill:**

None

**Other Special Clauses:**

None

**Utah Code Sections Affected:**

ENACTS:

**79-6-409**, Utah Code Annotated 1953

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*Be it enacted by the Legislature of the state of Utah:*

Section 1. Section **79-6-409** is enacted to read:

**79-6-409 . Energy Education and Workforce Development Advisory Group**

29 **established -- Energy education and workforce development programs.**

30 (1) As used in this section:

31 (a) "Advisory group" means the Energy Education and Workforce Development  
32 Advisory Group created in this section.

33 (b) "Core standards" means the science standards established by the state board as  
34 described in Section 53E-4-202.

35 (c) "Institution of higher education" means the same as that term is defined in Section  
36 53B-1-102.

37 (2) Pursuant to Subsection 79-6-301(1)(h) and subject to legislative appropriations and  
38 other funding sources, the office shall establish the Energy Education and Workforce  
39 Development Advisory Group consisting of the following:

40 (a) the director of the office, or the director's designee;

41 (b) the director of the Division of Oil, Gas, and Mining, or the director's designee;

42 (c) the state superintendent of public instruction, or the superintendent's designee from  
43 the State Board of Education elementary science team;

44 (d) the state superintendent of public instruction, or the superintendent's designee from  
45 the State Board of Education secondary science team;

46 (e) the commissioner of higher education, or the commissioner's designee from Talent  
47 Ready Utah;

48 (f) the president of the Utah Rural Schools Association, or the president's designee;

49 (g) the president of the Utah Science Teaching Association, or the president's designee;

50 (h) the chief executive officer of the Utah Municipal Power Agency or the Utah  
51 Associated Municipal Power Systems, or the chief executive officer's designee;

52 (i) the executive director of the Utah Rural Electric Cooperative Association, or the  
53 executive director's designee;

54 (j) the president of the Utah Petroleum Association, or the president's designee; and

55 (k) the president of the Utah Mining Association, or the president's designee.

56 (3) In consultation with the advisory group, the office shall:

57 (a) develop and maintain energy education programs and curricula for kindergarten  
58 through grade 12 that:

59 (i) meet core standards;

60 (ii) align with the state energy policy described in Section 79-6-301;

61 (iii) are appropriate for each grade level; and

62 (iv) are available to school districts, charter schools, and the public for voluntary use;

- 63        (b) develop and provide professional development training for educators that:  
64            (i) promotes the use and appropriate deployment and teaching of the energy  
65            education programs and curricula developed under Subsection (3)(a);  
66            (ii) builds fluency for educators with the energy education programs and curricula;  
67            (iii) provides educators with opportunities and activities to receive renewal hours for  
68            professional licensure; and  
69            (iv) complies with state educator licensure requirements; and  
70        (c) develop energy-related workforce development programs and facilitate collaboration  
71            among institutions of higher education, elementary and secondary schools, and  
72            industry.
- 73        (4) The office may:  
74            (a) include in the curricula other elements of the state energy policy to advance a  
75            comprehensive understanding of energy policy;  
76            (b) contract with third-party curriculum development organizations to create the  
77            curricula based on guidance from the office and the advisory committee; and  
78            (c) provide comment on the development of Utah science core standards.
- 79        (5) The professional development training provided to educators by the office may include:  
80            (a) virtual or in-person classroom instruction;  
81            (b) conferences;  
82            (c) seminars; and  
83            (d) site visits.
- 84        (6) An energy-related workforce development program described in Subsection (3)(c) shall:  
85            (a) create expanded, multidisciplinary programs or stackable credential programs;  
86            (b) prepare students for energy industry jobs; and  
87            (c) promote policies consistent with the state energy policy described in Section  
88            79-6-301.
- 89        (7) The advisory group's duties may include providing recommendations to the office  
90            regarding the development and implementation of:  
91            (a) energy education programs and curricula in grades kindergarten through grade 12;  
92            (b) professional development trainings for educators;  
93            (c) energy related workforce development programs; and  
94            (d) any potential comments to be submitted on the development of science core  
95            standards for Utah public schools for the state.
- 96        (8) On or before October 1 of each year, the office shall submit a written report to the

97 Public Utilities, Energy, and Technology Interim Committee describing activities,  
98 successes, challenges, and funding needs related to the programs and training  
99 established in this section.

100 Section 2. **Effective date.**

101 This bill takes effect on May 7, 2025.