

SENATE FILE NO. SF0102

Wyoming energy transmission study.

Sponsored by: Senator(s) Boner, Dockstader and Steinmetz
and Representative(s) Haroldson, Singh, Webb
and Yin

A BILL

for

1 AN ACT relating to the Wyoming energy authority; requiring
2 the completion of a transmission study; specifying
3 requirements of the study; requiring reports; and providing
4 for an effective date.

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6 *Be It Enacted by the Legislature of the State of Wyoming:*

7

8 **Section 1.**

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10 (a) The Wyoming energy authority shall complete a
11 transmission planning study in accordance with all of the
12 following:

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14 (i) The study shall be completed in two (2)
15 phases, in accordance with this subsection;

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2 (ii) Phase one (1) of the study shall, at a
3 minimum, be an analysis of the impacts of three (3)
4 potential load growth scenarios on Wyoming's current
5 transmission system and shall include all of the following:

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7 (A) A model of Wyoming's transmission needs
8 with an assessment of the three (3) potential load growth
9 scenarios identified in subparagraph (C) of this paragraph
10 to identify potential deliverability and congestion
11 constraints;

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13 (B) Consideration of advanced transmission
14 technologies and electricity storage to meet the need for
15 expanded transmission capacity in Wyoming from 2026 to 2046
16 under each of the three (3) potential load growth scenarios
17 identified in subparagraph (C) of this paragraph;

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19 (C) The consideration of three (3) load
20 growth scenarios in completing this phase of the study,
21 which are:

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(I) Low growth;

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(II) Moderate growth;

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(III) High demand.

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(D) A gap analysis identifying transmission needs to meet various load growth scenarios, including those identified in subparagraph (C) of this paragraph.

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(i) Not later than November 1, 2027 on the results of phase one (1) of the study;

1 (ii) Not later than September 1, 2028 on the
2 results of phase two (2) of the study.

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4 (c) The Wyoming energy authority shall establish an
5 advisory working group to provide input on the methodology,
6 assumptions and findings of the study required under this
7 section. The advisory working group shall, at a minimum,
8 include representatives of:

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10 (i) Rural electric cooperatives serving Wyoming;

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12 (ii) Investor-owned electric utilities serving
13 Wyoming;

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15 (iii) Municipal electric utilities serving
16 Wyoming;

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18 (iv) The Wyoming public service commission;

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20 (v) The office of consumer advocate.

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22 (d) The advisory working group established under
23 subsection (c) of this section shall be consulted

1 throughout both phases of the study, including during the
2 development of study methodology and scenario assumptions,
3 review of preliminary findings and formulation of
4 recommendations.

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6 **Section 2.** This act is effective immediately upon
7 completion of all acts necessary for a bill to become law
8 as provided by Article 4, Section 8 of the Wyoming
9 Constitution.

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(END)