03/15/22 REVISOR RSI/KA 22-07208 as introduced

## **SENATE** STATE OF MINNESOTA **NINETY-SECOND SESSION**

A bill for an act

relating to energy; requiring an advanced nuclear study; requiring a report;

S.F. No. 4163

(SENATE AUTHORS: MATHEWS and Rarick)
DATE D-PG

appropriating money.

**DATE** 03/21/2022

**OFFICIAL STATUS** 

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Introduction and first reading
Referred to Energy and Utilities Finance and Policy

reactor power generation in Minnesota.  (b) At a minimum, the study must address the potential costs, benefits, and impacts o advanced nuclear technology reactor power generation on:  (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136;  (2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:	1.4	BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:
study evaluating the potential costs, benefits, and impacts of advanced nuclear technolog reactor power generation in Minnesota.  (b) At a minimum, the study must address the potential costs, benefits, and impacts o advanced nuclear technology reactor power generation on:  (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136;  (2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.5	Section 1. ADVANCED NUCLEAR STUDY.
reactor power generation in Minnesota.  (b) At a minimum, the study must address the potential costs, benefits, and impacts of advanced nuclear technology reactor power generation on:  (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136;  (2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.6	Subdivision 1. Study required. (a) The commissioner of commerce must conduct a
(b) At a minimum, the study must address the potential costs, benefits, and impacts of advanced nuclear technology reactor power generation on:  (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136;  (2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.7	study evaluating the potential costs, benefits, and impacts of advanced nuclear technology
advanced nuclear technology reactor power generation on:  (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136;  (2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.8	reactor power generation in Minnesota.
(1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation Energy Act, Laws 2007, chapter 136; (2) system costs for ratepayers; (3) system reliability; (4) the environment; (5) local jobs; and (6) local economic development. (c) The study must also evaluate: (1) current Minnesota statutes and administrative rules that would require modification	1.9	(b) At a minimum, the study must address the potential costs, benefits, and impacts of
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(2) system costs for ratepayers;  (3) system reliability;  (4) the environment;  (5) local jobs; and  (6) local economic development.  (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.11	(1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation
1.14 (3) system reliability;  1.15 (4) the environment;  1.16 (5) local jobs; and  1.17 (6) local economic development.  1.18 (c) The study must also evaluate:  1.19 (1) current Minnesota statutes and administrative rules that would require modification	1.12	Energy Act, Laws 2007, chapter 136;
1.15 (4) the environment;  1.16 (5) local jobs; and  1.17 (6) local economic development.  1.18 (c) The study must also evaluate:  1.19 (1) current Minnesota statutes and administrative rules that would require modification	1.13	(2) system costs for ratepayers;
1.16 (5) local jobs; and  1.17 (6) local economic development.  1.18 (c) The study must also evaluate:  1.19 (1) current Minnesota statutes and administrative rules that would require modification	1.14	(3) system reliability;
1.17 (6) local economic development.  1.18 (c) The study must also evaluate:  1.19 (1) current Minnesota statutes and administrative rules that would require modification	1.15	(4) the environment;
1.18 (c) The study must also evaluate:  (1) current Minnesota statutes and administrative rules that would require modification	1.16	(5) local jobs; and
(1) current Minnesota statutes and administrative rules that would require modification	1.17	(6) local economic development.
<u>,                                     </u>	1.18	(c) The study must also evaluate:
in order to enable the construction and operation of advanced nuclear reactors; and	1.19	(1) current Minnesota statutes and administrative rules that would require modifications
	1.20	in order to enable the construction and operation of advanced nuclear reactors; and

Section 1. 1

2.1	(2) the economic feasibility of replacing coal-fired boilers with advanced nuclear reactors,
2.2	while accounting for the avoided costs that result from the closure of coal-fired plants.
2.3	Subd. 2. Report. The commissioner of commerce must submit the results of the study
2.4	under subdivision 1 to the chairs and ranking minority members of the legislative committees
2.5	having jurisdiction over energy finance and policy no later than January 31, 2023.
2.6	Sec. 2. APPROPRIATION.
2.7	\$150,000 in fiscal year 2023 is appropriated from the general fund to the commissioner
2.8	of commerce to conduct the study and develop the report under section 1. This is a onetime

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appropriation.

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Sec. 2.

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