

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

**S.F. No. 4163**

(SENATE AUTHORS: MATHEWS and Rarick)

DATE  
03/21/2022

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

OFFICIAL STATUS

1.1 A bill for an act

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

1.3 appropriating money.

1.4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.5 Section 1. **ADVANCED NUCLEAR STUDY.**

1.6 Subdivision 1. Study required. (a) The commissioner of commerce must conduct a

1.7 study evaluating the potential costs, benefits, and impacts of advanced nuclear technology

1.8 reactor power generation in Minnesota.

1.9 (b) At a minimum, the study must address the potential costs, benefits, and impacts of

1.10 advanced nuclear technology reactor power generation on:

1.11 (1) Minnesota's greenhouse gas emissions reduction goals under the Next Generation

1.12 Energy Act, Laws 2007, chapter 136;

1.13 (2) system costs for ratepayers;

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 modifications

1.20 in order to enable the construction and operation of advanced nuclear reactors; and

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  
2.9 appropriation.