

Legislative Analysis



ADVANCED NUCLEAR REACTOR TECHNOLOGIES

Phone: (517) 373-8080
<http://www.house.mi.gov/hfa>

House Bill 4127 as introduced
Sponsor: Rep. Jamie Thompson
Committee: Energy
Complete to 2-27-25

Analysis available at
<http://www.legislature.mi.gov>

SUMMARY:

House Bill 4127 would amend 1939 PA 3, the enabling act for the Michigan Public Service Commission, to define the term *advanced nuclear reactor technologies* for purposes of the act.

Under the bill, *advanced nuclear reactor technologies* would mean material improvements to a utilization facility, as defined in 42 USC 2014 and 10 CFR 50.2,¹ that has significant improvements, including additional inherent safety features, compared to reactors operating before January 1, 2016, in the United States. Advanced nuclear reactor technologies would include both of the following:

- Advanced nuclear reactors, as that term is defined in 42 USC 16271.²
- Existing electricity generating facilities benefiting from research, development, demonstration, and commercialization programs, as described in 42 USC 16272,³ in Michigan powered by nuclear energy that have completed a life cycle management program.

The bill can take effect only if House Bills 4124, 4125, 4126, 4128, and 4129 are also enacted.

MCL 460.10h

FISCAL IMPACT:

House Bill 4127 would not be anticipated to have a fiscal impact on any units of state or local government.

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■ This analysis was prepared by nonpartisan House Fiscal Agency staff for use by House members in their deliberations and does not constitute an official statement of legislative intent.

¹ 42 USC 2014: <https://www.law.cornell.edu/uscode/text/42/2014>

10 CFR 50.2: <https://www.ecfr.gov/current/title-10/chapter-I/part-50/subject-group-ECFR1aad221999377bf/section-50.2>

² <https://www.law.cornell.edu/uscode/text/42/16271>

³ <https://www.law.cornell.edu/uscode/text/42/16272>