



Legislative
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FISCAL NOTE

Drafting Number: LLS 18-0235
Prime Sponsors: Rep. Lundeen

Date: February 6, 2018
Bill Status: House Transportation
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Bill Topic: HEALTH EFFECTS INDUSTRIAL WIND TURBINES

- Summary of Fiscal Impact:**
- State Revenue *(potential)*
 - State Expenditure
 - State Transfer
 - TABOR Refund
 - Local Government
 - Statutory Public Entity

This bill requires the Department of Public Health and Environment to produce a report on the health effects of noise and stray voltage from industrial wind energy turbines. The bill increases state expenditures beginning in FY 2018-19 through January 1, 2020.

Appropriation Summary: The bill requires an appropriation of \$48,071 to the Department of Public Health and Environment.

Fiscal Note Status: The fiscal note reflects the introduced bill.

Table 1
State Fiscal Impacts Under HB 18-1085

		FY 2018-19	FY 2019-20
Revenue		-	-
Expenditures	General Fund	\$48,071	\$11,376
	Centrally Appropriated	\$17,183	\$5,536
	Total	\$65,254	\$16,912
	Total FTE	0.4 FTE	0.2 FTE
Transfers		-	-

Summary of Legislation

This bill requires the Department of Public Health and Environment (CDPHE) to research and compile the following information regarding the health effects on humans and animals from noise or stray voltage generated by industrial wind energy turbines:

- published articles, literature, and epidemiological studies, whether published in the United States or another country; and
- published court decisions and law review articles from any state or federal jurisdiction in the United States.

The report is to be completed by January 1, 2020, and presented to the House and Senate agriculture and health and human services committees. The bill prohibits the department from requesting appropriations but authorizes it to seek, accept, and expend gifts, grants or donations from private or public sources to defray the costs associated with the research and report.

State Revenue

The bill may increase revenue from gifts, grants or donations, but no source of funding has been identified.

State Expenditures

This bill will increase General Fund expenditures by \$65,254 and 0.4 FTE in FY 2018-19 and \$16,912 and 0.2 FTE in FY 2019-20 for the CDPHE. Although the bill allows the CDPHE to seek, accept, and expend gifts, grants or donations, no source has been identified, so the fiscal note reflects a General Fund appropriation. Costs are shown in Table 2 and explained below.

**Table 2
Expenditures Under HB 18-1085**

	FY 2018-19	FY 2019-20
Department of Public Health and Environment		
Personal Services	\$18,961	\$11,376
Legal research service subscription	\$4,110	
Electrical Engineer Consultant	\$25,000	
Centrally Appropriated Costs*	\$17,183	\$5,536
FTE – Personal Services	0.4 FTE	0.2 FTE
Total Cost	\$65,254	\$16,912
Total FTE	0.4 FTE	0.2 FTE

* Centrally appropriated costs are not included in the bill's appropriation.

Research and Reporting. The fiscal note assumes that beginning in FY 2018-19, CDPHE will reassign existing staff to conduct the research required by the bill and work with a consulting electrical engineer to review existing literature and court cases. Staff are expected to review approximately 150 scientific articles and 50 court decisions in developing the report. Costs for the study also include \$4,110 in the first year for a subscription to a legal research service.

Centrally appropriated costs. Pursuant to a Joint Budget Committee policy, certain costs associated with this bill are addressed through the annual budget process and centrally appropriated in the Long Bill or supplemental appropriations bills, rather than in this bill. These costs, which include employee insurance and supplemental employee retirement payments, are estimated to be \$17,183 in FY 2018-19 and \$5,536 in FY 2019-20.

Effective Date

The bill takes effect August 8, 2018, if the General Assembly adjourns on May 9, 2018, as scheduled, and no referendum petition is filed.

State Appropriations

The bill requires a General Fund appropriation of \$48,071 to the Department of Public Health and Environment.

State and Local Government Contacts

Information Technology Public Health and Environment