

**SENATE . . . . . No. 1497**

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**The Commonwealth of Massachusetts**

PRESENTED BY:

***Susan L. Moran, (BY REQUEST)***

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying resolve:

Resolve to establish a commission to study the health impacts from land based wind turbines to protect the health of the citizens of the commonwealth.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Lilli-Ann Green</i>		<i>2/19/2021</i>
<i>Sarah K. Peake</i>	<i>4th Barnstable</i>	<i>3/10/2021</i>

**SENATE . . . . . No. 1497**

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By Ms. Moran (by request), a petition (accompanied by resolve, Senate, No. 1497) of Lilli-Ann Green and Sarah K. Peake for legislation to establish a commission to study the health impacts from land based wind turbines to protect the health of the citizens of the commonwealth. Public Health.

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[SIMILAR MATTER FILED IN PREVIOUS SESSION  
SEE HOUSE, NO. 2015 OF 2019-2020.]

**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninety-Second General Court  
(2021-2022)**  
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Resolve to establish a commission to study the health impacts from land based wind turbines to protect the health of the citizens of the commonwealth.

1           **Resolved**, Resolved, there shall be a special commission to investigate and study the  
2 incidence and impacts in the commonwealth of adverse health impacts from land based wind  
3 turbines.

4           The commission shall consist of 19 members: 1 member of the senate appointed  
5 by the senate president, 1 member of the senate appointed by the senate minority leader; 1  
6 member of the house of representatives appointed by the speaker of the house of representatives,  
7 1 member of the house of representatives appointed by the house minority leader; the  
8 commissioner of the department of public health or a designee; the commissioner of the division  
9 of health care finance and policy or a designee; the director of the state laboratory institute or a  
10 designee; the state epidemiologist or a designee; 8 members appointed by the governor as

11 follows: one shall be a physician who has written a peer-reviewed journal article in an  
12 internationally recognized journal on the effects of industrial land based wind turbines on sleep  
13 and health; one shall be a NIH researcher with a PhD specializing in the field of otolaryngology;  
14 two who are physicians considered experts in the treatment or research of adverse health impacts  
15 of land based wind turbines; two members of local boards of health from different regions of the  
16 commonwealth where industrial land based wind turbines are sited and complaints of adverse  
17 health impacts have been registered with local officials in those communities; one member of the  
18 executive committee from the wind energy advocacy organization Wind Wise-Massachusetts;  
19 one member of the board from the wind energy advocacy organization Wind Wise – Cape Cod;  
20 and 3 members of the public who live within 5,000 feet of an operating land based wind turbine  
21 and who have registered health-related complaints with his or her local officials, one of each to  
22 be appointed by the regional planning agencies of Barnstable, Berkshire and southeastern  
23 Massachusetts.

24 Said study shall include, but not be limited to, a cost-benefit analysis of: (i)  
25 conducting a land based wind turbine adverse health impacts public health clinical screening  
26 study in high risk regions; (ii) developing educational materials and training resources for  
27 detecting signs and symptoms of adverse health impacts and illnesses in at risk populations  
28 including school-aged populations, to be used by clinical providers and school health personnel;  
29 (iii) statewide surveillance and testing for adverse health impacts in the proximity of land based  
30 wind turbines, and (iv) educating the medical community about research on all aspects of  
31 adverse health impacts of land based wind turbines, both acute and chronic. The commission  
32 shall also investigate the availability of grants and federal funds for the study of adverse health

33 impacts from land based wind turbines to determine if future action is feasible and warranted to  
34 support adverse health impacts from land based wind turbines research in the commonwealth.

35               Said commission shall report to the senate and house of representatives the results  
36 of its investigation and study, together with drafts of legislation, if any, necessary to carry its  
37 recommendations into effect, by filing the same with the clerks of the senate and house of  
38 representatives, who shall forward the same to the joint committee on public health and the  
39 house and senate committees on ways and means one year after the passage of this resolve.