

**HOUSE . . . . . No. 2149**

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**The Commonwealth of Massachusetts**

PRESENTED BY:

***Frank I. Smizik***

*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 bill:

An Act relating to the effective and efficient implementation of the Global Warming Solutions Act of 2008.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	DATE ADDED:
<i>Frank I. Smizik</i>	<i>15th Norfolk</i>	<i>1/20/2017</i>
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	
<i>Jonathan Hecht</i>	<i>29th Middlesex</i>	
<i>Kevin G. Honan</i>	<i>17th Suffolk</i>	<i>2/1/2017</i>
<i>Jay R. Kaufman</i>	<i>15th Middlesex</i>	
<i>Jennifer E. Benson</i>	<i>37th Middlesex</i>	
<i>Lori A. Ehrlich</i>	<i>8th Essex</i>	
<i>Marjorie C. Decker</i>	<i>25th Middlesex</i>	
<i>Steven Ultrino</i>	<i>33rd Middlesex</i>	
<i>Paul R. Heroux</i>	<i>2nd Bristol</i>	
<i>Solomon Goldstein-Rose</i>	<i>3rd Hampshire</i>	
<i>Ruth B. Balsler</i>	<i>12th Middlesex</i>	
<i>Jay D. Livingstone</i>	<i>8th Suffolk</i>	
<i>Mike Connolly</i>	<i>26th Middlesex</i>	
<i>David M. Rogers</i>	<i>24th Middlesex</i>	
<i>Julian Cyr</i>	<i>Cape and Islands</i>	
<i>Denise Provost</i>	<i>27th Middlesex</i>	

*Chris Walsh*

*6th Middlesex*

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**HOUSE . . . . . No. 2149**

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By Mr. Smizik of Brookline, a petition (accompanied by bill, House, No. 2149) of Frank I. Smizik and others relative to the Global Warming Solutions Act. Environment, Natural Resources and Agriculture.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninetieth General Court  
(2017-2018)**  
\_\_\_\_\_

An Act relating to the effective and efficient implementation of the Global Warming Solutions Act of 2008.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 SECTION 1. The General Laws are hereby amended by inserting after chapter 21N the  
2 following chapter:-

3 CHAPTER 21N1/2.

4 GLOBAL WARMING SOLUTIONS IMPLEMENTATION ACT.

5 Section 1. Terms defined in section 1 of chapter 21N have the same meaning when used  
6 in this chapter.

7 Section 2. After conducting the modeling and analysis required in section 3, and no later  
8 than December 31, 2020, the secretary shall adopt the interim 2030 and 2040 emissions limits  
9 consistent with that analysis and as required by section 3(b) of chapter 21N. The interim 2030  
10 emissions limit shall be between 35 and 45 per cent below the 1990 level, and the interim 2040  
11 emissions limit shall be between 55 and 65 per cent below the 1990 level.

12           Section 3. Prior to adopting the interim 2030 and 2040 emissions limits required by  
13 section 3(b) of chapter 21N, the secretary shall conduct detailed, quantitative modeling and  
14 analysis of the commonwealth’s energy economy and emissions in their regional context, to  
15 include the regional electric grid, sufficient to identify multiple technically and economically  
16 feasible pathways of reducing statewide emissions consistent with the 2050 emissions limit  
17 required by section 3(b) of chapter 21N. Such modeling and analysis shall employ back-casting  
18 methodology, shall be comparable to that conducted by the European Union in support of its  
19 Roadmap 2050 effort, and may be conducted in conjunction with other states or regional entities  
20 as part of an analysis of reducing regional emissions in 2050 to a level consistent with those  
21 required by chapter 21N for the commonwealth. The secretary shall publish the results of the  
22 modeling and analysis required by this section, and shall also make available for public  
23 inspection and use the model, all model assumptions, and all input and output data.

24           Section 4. Following the adoption of the interim 2030 and 2040 emissions limits  
25 required by section 3(b) of chapter 21N, and in any case no later than December 31, 2023, the  
26 commonwealth and its agencies shall promulgate regulations necessary to achieve declining  
27 annual aggregate emissions from sources or categories of sources that emit greenhouse gas  
28 emissions as required to achieve a 2050 statewide emissions limit that is at least 80 per cent  
29 below the 1990 level. The development of such regulations shall be coordinated by the  
30 secretary, and shall be consistent with the modeling and analysis required in section 3 and with  
31 the adopted interim 2030 and 2040 emissions limits. Consistent with section 9 of chapter 21N,  
32 the commonwealth and its agencies are authorized to create, expand, or join market-based  
33 compliance mechanisms, including but not limited to greenhouse gas emissions trading and  
34 carbon pricing programs, in order to achieve required greenhouse gas emissions reductions.

35           Section 5. The department shall, in consultation with the secretary, impose a schedule of  
36 fees on regulated sources of greenhouse gas emissions sufficient to recover, for each fiscal year,  
37 the costs of implementation of chapters 21N and 21N1/2. Revenues collected pursuant to this  
38 section shall be deposited in a Global Warming Solutions Act Implementation Fund for use, as  
39 directed by the legislature or the secretary, solely for the purpose of carrying out chapters 21N  
40 and 21N1/2.