

SENATE BILL 690

C5

11r2589

By: **Senator Middleton**

Introduced and read first time: February 4, 2011

Assigned to: Finance

A BILL ENTITLED

1 AN ACT concerning

2 **Renewable Energy Portfolio – Waste-to-Energy**

3 FOR the purpose of expanding the definition of a Tier 1 renewable source to include
4 waste-to-energy; altering the definition of a Tier 2 renewable source to exclude
5 waste-to-energy; and generally relating to waste-to-energy and Tier 1
6 renewable sources applied to the renewable energy portfolio standard.

7 BY repealing and reenacting, with amendments,
8 Article – Public Utilities
9 Section 7-701(l) and (m)
10 Annotated Code of Maryland
11 (2010 Replacement Volume)

12 BY repealing and reenacting, without amendments,
13 Article – Public Utilities
14 Section 7-703(b)(6) through (17)
15 Annotated Code of Maryland
16 (2010 Replacement Volume)

17 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF
18 MARYLAND, That the Laws of Maryland read as follows:

19 **Article – Public Utilities**

20 7-701.

21 (l) “Tier 1 renewable source” means one or more of the following types of
22 energy sources:

23 (1) solar;

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



- 1 (2) wind;
- 2 (3) qualifying biomass;
- 3 (4) methane from the anaerobic decomposition of organic materials in
4 a landfill or wastewater treatment plant;
- 5 (5) geothermal;
- 6 (6) ocean, including energy from waves, tides, currents, and thermal
7 differences;
- 8 (7) a fuel cell that produces electricity from a Tier 1 renewable source
9 under item (3) or (4) of this subsection;
- 10 (8) a small hydroelectric power plant of less than 30 megawatts in
11 capacity that is licensed or exempt from licensing by the Federal Energy Regulatory
12 Commission; [and]

13 (9) poultry litter-to-energy; AND

14 **(10) WASTE-TO-ENERGY.**

15 (m) "Tier 2 renewable source" means [one or more of the following types of
16 energy sources:

17 (1)] hydroelectric power other than pump storage generation[; and

18 (2) waste-to-energy].

19 7-703.

20 (b) The renewable energy portfolio standard shall be as follows:

21 (6) in 2011, 5.0% from Tier 1 renewable sources, including at least
22 0.05% derived from solar energy, and 2.5% from Tier 2 renewable sources;

23 (7) in 2012, 6.5% from Tier 1 renewable sources, including at least
24 0.1% derived from solar energy, and 2.5% from Tier 2 renewable sources;

25 (8) in 2013, 8.2% from Tier 1 renewable sources, including at least
26 0.2% derived from solar energy, and 2.5% from Tier 2 renewable sources;

27 (9) in 2014, 10.3% from Tier 1 renewable sources, including at least
28 0.3% derived from solar energy, and 2.5% from Tier 2 renewable sources;

1 (10) in 2015, 10.5% from Tier 1 renewable sources, including at least
2 0.4% derived from solar energy, and 2.5% from Tier 2 renewable sources;

3 (11) in 2016, 12.7% from Tier 1 renewable sources, including at least
4 0.5% derived from solar energy, and 2.5% from Tier 2 renewable sources;

5 (12) in 2017, 13.1% from Tier 1 renewable sources, including at least
6 0.55% derived from solar energy, and 2.5% from Tier 2 renewable sources;

7 (13) in 2018, 15.8% from Tier 1 renewable sources, including at least
8 0.9% derived from solar energy, and 2.5% from Tier 2 renewable sources;

9 (14) in 2019, 17.4% from Tier 1 renewable sources, including at least
10 1.2% derived from solar energy, and 0% from Tier 2 renewable sources;

11 (15) in 2020, 18% from Tier 1 renewable sources, including at least
12 1.5% derived from solar energy, and 0% from Tier 2 renewable sources;

13 (16) in 2021, 18.7% from Tier 1 renewable sources, including at least
14 1.85% derived from solar energy, and 0% from Tier 2 renewable sources; and

15 (17) in 2022 and later, 20% from Tier 1 renewable sources, including at
16 least 2% derived from solar energy, and 0% from Tier 2 renewable sources.

17 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
18 October 1, 2011.