

# SENATE BILL 1032

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By: **Senator Klausmeier**

Introduced and read first time: February 17, 2020

Assigned to: Rules

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## A BILL ENTITLED

1 AN ACT concerning

2 **Renewable Energy Portfolio Standard – Hydroelectric Power**

3 FOR the purpose of altering the capacity of certain hydroelectric power plants in the  
4 definition of a Tier 1 renewable source for the renewable energy portfolio standard;  
5 extending the renewable energy portfolio standard percentage derived from Tier 2  
6 renewable sources; and generally relating to the renewable energy portfolio  
7 standard.

8 BY repealing and reenacting, without amendments,

9 Article – Public Utilities

10 Section 7–701(a) and (s) and 7–703(b)(15)

11 Annotated Code of Maryland

12 (2010 Replacement Volume and 2019 Supplement)

13 BY repealing and reenacting, with amendments,

14 Article – Public Utilities

15 Section 7–701(r)(8) and 7–703(b)(16) through (25)

16 Annotated Code of Maryland

17 (2010 Replacement Volume and 2019 Supplement)

18 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,

19 That the Laws of Maryland read as follows:

20 **Article – Public Utilities**

21 7–701.

22 (a) In this subtitle the following words have the meanings indicated.

23 (r) “Tier 1 renewable source” means one or more of the following types of energy  
24 sources:

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EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



1 (8) a small hydroelectric power plant of less than **[30] 60** megawatts in  
 2 capacity that is licensed or exempt from licensing by the Federal Energy Regulatory  
 3 Commission;

4 (s) "Tier 2 renewable source" means hydroelectric power other than pump storage  
 5 generation.

6 7–703.

7 (b) Except as provided in subsection (e) of this section, the renewable energy  
 8 portfolio standard shall be as follows:

9 (15) in 2020:

10 (i) 28% from Tier 1 renewable sources, including:

11 1. at least 6% derived from solar energy; and

12 2. an amount set by the Commission under § 7–704.2(a) of  
 13 this subtitle, not to exceed 2.5%, derived from offshore wind energy; and

14 (ii) 2.5% from Tier 2 renewable sources;

15 (16) in 2021[,]:

16 **(I) 30.8% from Tier 1 renewable sources, including:**

17 **[(i)] 1. at least 7.5% derived from solar energy; and**

18 **[(ii)] 2. an amount set by the Commission under § 7–704.2(a) of**  
 19 **this subtitle derived from offshore wind energy; AND**

20 **(II) 2.5% FROM TIER 2 RENEWABLE SOURCES;**

21 (17) in 2022[,]:

22 **(I) 33.1% from Tier 1 renewable sources, including:**

23 **[(i)] 1. at least 8.5% derived from solar energy; and**

24 **[(ii)] 2. an amount set by the Commission under § 7–704.2(a) of**  
 25 **this subtitle derived from offshore wind energy; AND**

26 **(II) 2.5% FROM TIER 2 RENEWABLE SOURCES;**

1 (18) in 2023[.]:

2 (I) 35.4% from Tier 1 renewable sources, including:

3 [(i)] 1. at least 9.5% derived from solar energy; and

4 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
5 this subtitle derived from offshore wind energy; AND

6 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

7 (19) in 2024[.]:

8 (I) 37.7% from Tier 1 renewable sources, including:

9 [(i)] 1. at least 10.5% derived from solar energy; and

10 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
11 this subtitle derived from offshore wind energy; AND

12 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

13 (20) in 2025[.]:

14 (I) 40% from Tier 1 renewable sources, including:

15 [(i)] 1. at least 11.5% derived from solar energy; and

16 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
17 this subtitle, not to exceed 10%, derived from offshore wind energy; AND

18 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

19 (21) in 2026[.]:

20 (I) 42.5% from Tier 1 renewable sources, including:

21 [(i)] 1. at least 12.5% derived from solar energy; and

22 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
23 this subtitle derived from offshore wind energy, including at least 400 megawatts of Round  
24 2 offshore wind projects; AND

25 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

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1 (22) in 2027[.]:

2 (I) 45.5% from Tier 1 renewable sources, including:

3 [(i)] 1. at least 13.5% derived from solar energy; and

4 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
5 this subtitle derived from offshore wind energy, including at least 400 megawatts of Round  
6 2 offshore wind projects; AND

7 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

8 (23) in 2028[.]:

9 (I) 47.5% from Tier 1 renewable sources, including:

10 [(i)] 1. at least 14.5% derived from solar energy; and

11 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
12 this subtitle derived from offshore wind energy, including at least 800 megawatts of Round  
13 2 offshore wind projects; AND

14 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES;**

15 (24) in 2029[.]:

16 (I) 49.5% from Tier 1 renewable sources, including:

17 [(i)] 1. at least 14.5% derived from solar energy; and

18 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
19 this subtitle derived from offshore wind energy, including at least 800 megawatts of Round  
20 2 offshore wind projects; and

21 (II) **2.5% FROM TIER 2 RENEWABLE SOURCES; AND**

22 (25) in 2030 and later[.]:

23 (I) 50% from Tier 1 renewable sources, including:

24 [(i)] 1. at least 14.5% derived from solar energy; and

25 [(ii)] 2. an amount set by the Commission under § 7–704.2(a) of  
26 this subtitle derived from offshore wind energy, including at least 1,200 megawatts of  
27 Round 2 offshore wind projects; AND

1                   **(II) 2.5% FROM TIER 2 RENEWABLE SOURCES.**

2           SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect  
3   October 1, 2020.