

**HB0600/683493/1**

BY: Economic Matters Committee

AMENDMENTS TO HOUSE BILL 600  
(First Reading File Bill)

AMENDMENT NO. 1

On page 1, strike in their entirety lines 2 and 3 and substitute “Study on the Future of Nuclear Energy in Maryland”; strike beginning with “including” in line 4 down through “standard” in line 7 and substitute “requiring the Power Plant Research Program to study and make recommendations regarding nuclear energy and its role as a renewable energy resource in the State; requiring the Program to submit an interim report to the Governor and the General Assembly on or before a certain date; requiring the Program to report certain findings and recommendations to the Governor and the General Assembly on or before a certain date; providing for the termination of this Act; and generally relating to the Study on the Future of Nuclear Energy in Maryland”; and strike in their entirety lines 8 through 17, inclusive.

AMENDMENT NO. 2

On page 1, after line 17, insert:

“Preamble

WHEREAS, In an effort to solve climate change, Maryland must seek common–sense solutions; and

WHEREAS, Nuclear energy is the only base–load power source that is completely carbon emissions free; and

WHEREAS, As the host of the Paris Climate Accords, France employs nuclear energy as its primary source of base–load power; and

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WHEREAS, Emerging nuclear technologies such as traveling wave reactors allow for waste-free energy; and

WHEREAS, Powering the economy with nuclear energy will result in Maryland being completely carbon emissions free; and

WHEREAS, Nuclear energy is cheaper and reduces consumer electricity bills; now, therefore.”;

and in line 19, strike “the Laws of Maryland read as follows”.

On pages 1 and 2, strike in their entirety the lines beginning with line 20 on page 1 through line 26 on page 2, inclusive.

On page 2, after line 26, insert:

“(a) The Power Plant Research Program shall:

(1) conduct a study of nuclear energy and its role as a renewable energy resource that can effectively combat climate change in the State;

(2) include in the study:

(i) an evaluation and summary of the current state of nuclear energy in Maryland;

(ii) an identification of the benefits of nuclear energy usage in Maryland and the environmental benefits that may help to combat climate change;

(iii) an assessment of emerging nuclear energy technologies, including traveling-wave reactors, that may enhance the potential of nuclear energy as a viable renewable energy resource;

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(iv) an assessment of countries and other states in which nuclear energy makes up more than 50% of total energy production that:

1. includes an analysis of the carbon emission reductions undertaken by these countries or states; and

2. examines how these countries or states have paired nuclear energy with other alternative renewable energy resources;

(v) an identification of the potential for a new nuclear power initiative to be deployed within the State using one or more nuclear technologies that include:

1. major barriers to deploying a successful nuclear power initiative; and

2. a time frame for deploying a successful nuclear power initiative;

(vi) an assessment of the practicality of adding nuclear energy to Maryland's Renewable Energy Portfolio Standard; and

(vii) recommendations regarding initiatives for the State and the General Assembly to responsibly and efficiently grow the nuclear energy industry in the State, support new emerging nuclear energy technologies that may improve nuclear energy as a viable renewable energy resource, and utilize nuclear energy as a resource to help the State combat climate change.

(b) On or before January 1, 2020, the Program shall submit an interim report to the Governor and, in accordance with § 2-1246 of the State Government Article, the General Assembly.

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(c) On or before December 31, 2020, the Program shall report its official findings and recommendations to the Governor and, in accordance with § 2–1246 of the State Government Article, the General Assembly.”;

and in line 28, after the period insert “It shall remain effective for a period of 3 years and, at the end of September 30, 2022, this Act, with no further action required by the General Assembly, shall be abrogated and of no further force and effect.”.