HB 1414 Maryland Renewable Portfolio Standard Study

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Maryland RPS Working Group Webinar
April 26, 2018
“PPRP shall conduct a study of the [Renewable Portfolio Standard] RPS... The study shall be a comprehensive review of the history, implementation, overall costs and benefits and effectiveness of the RPS in relation to the energy policies of the state.”

- Interim Report due December 1, 2018
- Final Report due December 1, 2019
- Both reports are provided to Governor, Senate Finance Committee, and House Economic Matters Committee
Subjects to be Addressed

The role & effectiveness that the RPS may have in reducing the carbon content of imported electricity & whether… complementary policies or programs could help address carbon emissions associated with electricity imported into the State.

In 2016, Maryland imported 43% of its electricity.
The role of in-State clean energy in achieving greenhouse gas emission reductions and promoting local jobs and economic activity.
The net environmental and fiscal impacts that may be associated with long-term contracts (LTCs) tied to clean energy projects including... ratepayer impacts... and whether the use of LTCs incentivized new renewable energy generation development.
What industries are projected to grow, and to what extent, as a result of incentives associated with the standard
Additional opportunities that may be available to promote local job creation within the industries that are projected to grow as a result of the standard
Whether the public health and environmental benefits of the growing clean energy industries supported by the standard are by equitably distributed across… environmental justice communities
System flexibility that the State would need under future goals... including the quantities for peak and ramping that may be required

Source: The Institute for Energy Research
Subjects to be Addressed

An assessment of any change in Solar REC prices over the immediate 24 months preceding the Interim Report.

SREC Average Quarterly Bid Prices for Maryland
January 2015 – March 2018

Source: Spectrometer U.S. Environmental
Subjects to be Addressed
Work in Progress

Whether the State is likely to meet its existing goals... & if increased, if increased, if adequate supply to meet added demand for credits
Whether the State is able to meet current & potential future targets w/o inclusion of certain technologies.

PPRP

2017 Inventory of Renewable Energy Generators Eligible for the Maryland RPS
Draft
Spring 2017
Subjects to be Addressed
Work in Progress

How energy storage technologies should be addressed
Current Activities

• **Two tasks are currently underway**
  – Evaluation of whether the State is likely to meet its existing goals under the current RPS, and if the State were to increase those goals, whether electricity suppliers should expect to find an adequate supply to meet the additional demand for credits.
  – Assessment of whether the RPS is able to meet current and potential future targets without the inclusion of certain technologies.

• **Formation of the RPS Study Working Group.**

• **PPRP is meeting (and plans to meet) with individual stakeholders to receive their views on the Maryland RPS.**
RPS Study Work Group

• Throughout the process PPRP will seek input and feedback from the Group.
• PRPP welcomes any data or studies the Working Group may have or would like to contribute.
• Work Group webpage located at http://dnr.maryland.gov/pprp/Pages/RPS-WorkGroup.aspx
The Interim Report will be provided by December 1, 2018.
The Interim Report will include the following:

– Status update, including any initial findings.
– List of options (with positive and negative aspects for each option) for informed decision-making.
– Annotated list of topics that require additional study.
What’s Next?

• The Board of Public Works will act on the proposed contract for the remainder of the Study in early May.
• If the contract is approved, the rest of the Study will begin in late May/early June.
• Next Working Group meeting will likely occur in early July.
• In the meantime, PPRP will be having discussions with individual WG members and other stakeholders to get their thoughts on various topics related to the Study.
Questions?