

# Environmental Issues

Maryland - DC Utilities Environmental  
Conference

September 30, 2021

John Quinn



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# Environmental Issues

Climate [GHG Plan Summary](#)

Other

# Maryland 2021 Climate Legislation

## Current Requirement

- 40% Reduction from 2006 Baseline by 2030

## Unsuccessful 2021 Legislation

- Climate Solutions Act of 2021
- Climate Crisis and Education Act

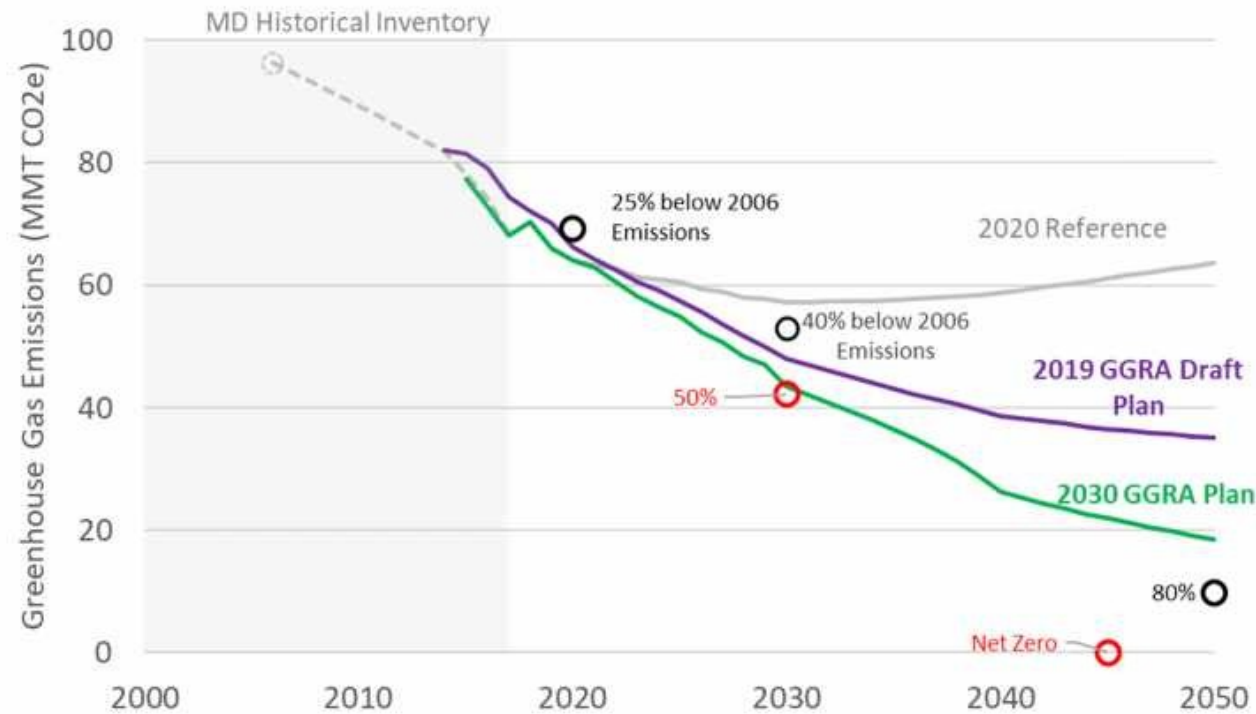
## Maryland 2021 Climate Legislation

- Climate Counsel Act
- Tree Solutions Act of 2021



# The 2030 GGRA Plan

The Plan reduces GHGs substantially more than the 40-by-30 requirement, and nearly achieves 50-by-30. Additional Federal action would make up the difference.



Maryland greenhouse gas emissions, accounting for sequestration. Projections from Draft Plan and 2030 GGRA Plan.

<https://mde.maryland.gov/programs/Air/ClimateChange/Documents/2030%20GGRA%20Plan/2030GGRAPlanExSum01272021.pdf>



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# Environmental Issues

## 1. Climate

- a) Changing RPS/clean energy goals
- b) Congressional legislation on clean energy standards
- c) EPA regulation of existing power plants under 111(d) of the Clean Air Act
- d) Vehicle GHG Emissions/Fuel Economy Standards
- e) Climate Mandate Impacts on transportation/logistics/infrastructure
- f) Mandatory climate change disclosure in SEC filings such as the 10-K

## 2. Cost (of compliance, higher cost of energy, cost of equipment upgrades, etc.)

## 3. Environmental Justice Policy – air pollution and environmental impacts in at risk communities

## 4. Initiatives to ban new technologies such as plastic conversion, etc.

## 5. PFAS drinking water standards



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# Appendix

**Table 2 Annual RPS Requirements by Tier**

<b>Compliance Year</b>	<b>Tier 1 Non-Solar</b>	<b>Tier 1 Solar</b>	<b>Offshore Wind<sup>16</sup></b>	<b>Tier 2</b>	<b>Total</b>
Pre-SB516 2019 <sup>17</sup>	18.45%	1.95%	0.0%	N/A	20.4%
Post-SB516 2019 <sup>18</sup>	15.2%	5.5%	0.0%	2.5%	23.2%
2020	22.0%	6.0%	0.0%	2.5%	30.5%
2021	21.93%	7.5%	1.37%	N/A	30.8%
2022	23.24%	8.5%	1.36%	N/A	33.1%
2023	23.87%	9.5%	2.03%	N/A	35.4%
2024	25.19%	10.5%	2.01%	N/A	37.7%
2025	26.49%	11.5%	2.01%	N/A	40.0%
2026	28.01%	12.5%	1.99%	N/A	42.5%
2027	30.02%	13.5%	1.98%	N/A	45.5%
2028	31.04%	14.5%	1.96%	N/A	47.5%
2029	33.06%	14.5%	1.94%	N/A	49.5%
2030+	33.56% - 34.9%	14.5%	0.60% - 1.94%	N/A	50.0%

<https://www.psc.state.md.us/wp-content/uploads/CY19-RPS-Annual-Report-Final.pdf>

# Net Metering

- Statewide Cap is 3,000 MW
- Individual Site Cap is 2 MW