The Greater Baltimore Region
7 Jurisdictions

Anne Arundel County
Baltimore City
Baltimore County
Carroll County
Cecil County
Harford County
Howard County

Greater Baltimore's history of energy innovation and today's leadership in numerous STEM fields position the Region as a global leader in the clean and renewable energies of the future. Across Greater Baltimore, the energy sector directly employs over 30,000 workers - from high-tech researchers to non-degree holders - and empowers the technological infrastructure behind every other growth industry (QCEW, 2020). Recent major investments from global leaders in biofuel and off-shore wind energy have focused attention on the Region's numerous energy-related assets, talented workforce, and prime geographic location for continued energy development.

Energy in Greater Baltimore: Jobs that Empower, Guided by a History of Innovation

Greater Baltimore was the site of many key energy innovations in the 19th and 20th centuries. The Region developed America's first electric utility and gas-lit street lamps, while energy generated in Greater Baltimore powered the first railroads and telegraph communication. Even today, the Port of Baltimore exports over 20% of the nation's coal, powering communities near and far (EIA & POB, 2020).

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1816</td>
<td>First Electric Utility in the Americas (BGE)</td>
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<td>1817</td>
<td>First American City with Gas Street Lights</td>
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<td>1828</td>
<td>First Known Street Railway in America</td>
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<td>1844</td>
<td>First Long-Distance Telegraph Line in the Americas</td>
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<tr>
<td>1928</td>
<td>First Hydroelectric Dam of its Size (Conowingo)</td>
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The Region has also led the way in developing sustainable energy solutions, as evidenced by the century-old Conowingo Dam or Exelon's 'LEED Platinum' Regional Headquarters in Baltimore City (USGBC, 2009). The Region’s proximity to the Midwest enables access to cleaner Liquefied Natural Gas, while the State of Maryland has committed to 50% renewable energy by 2030 (EIA, 2019).

Leading the Way to the Future of Energy

An Educated Workforce Ready for BioFuel Development

Greater Baltimore’s leading tech workforce and rich R&D ecosystem support Howard County's headquarters of W.R. Grace and BioEnergy Dev Co., whose 2019 acquisition of leading European counterpart BTS Biogas further consolidates the future of biofuel development in Greater Baltimore.

A Logistics Hub for Wind Energy Projects

Ørsted, the world leader in offshore wind energy, is establishing a logistics hub at Baltimore County's Tradepoint Atlantic. Greater Baltimore's central seaboard location and ample rail, port, & highway access make this Region a focal point for future wind energy development.