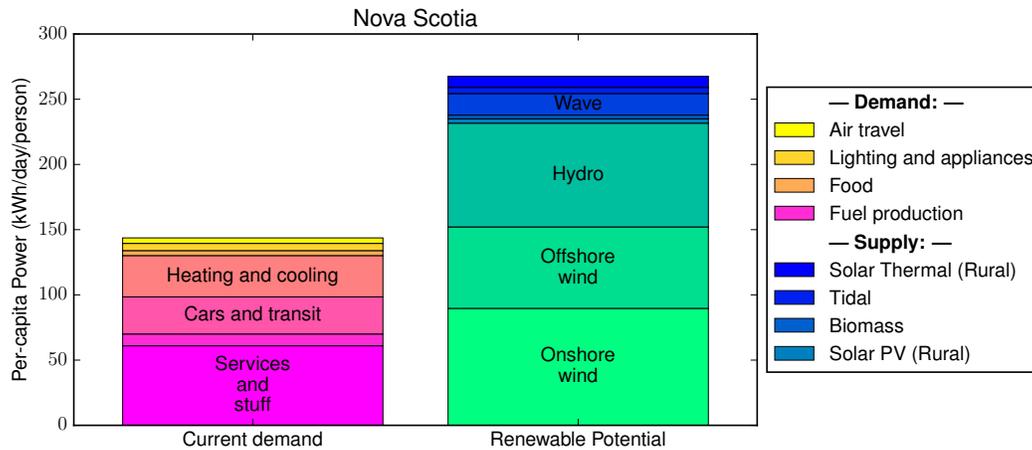


Renewable energy scenario for Nova Scotia

This snapshot is based on “The renewable energy landscape in Canada: a spatial analysis,” *Renewable & Sustainable Energy Reviews* (2016), doi:10.1016/j.rser.2016.11.061. Our project assembles all sources of energy use into familiar household categories, and it identifies feasible sites for renewable energy generation across Canada. CONTACT: [C. BARRINGTON-LEIGH, MCGILL UNIVERSITY](#)

Nova Scotia has a diverse potential portfolio of renewable energy sources, among which hydroelectricity, offshore wind, and onshore wind each could produce enough power to cover a large fraction of the province’s current energy demand (below). In addition, wave power figures significantly in Nova Scotia’s potential resources. Nova Scotia also stands to benefit from the combination of its intermittent wind power and its complementarity hydroelectric capacity.



The stack on the left shows the sum of all energy currently consumed, as both electricity and combustion, in Nova Scotia. On the right is a breakdown of available renewable energy resources.

For maps, methods, sources, and more detailed discussion, see our [full paper](#). We do not carry out an economic analysis, but our criteria for generation siting relate also to economic feasibility. Overall, our analysis shows that all but two provinces in Canada have sufficient renewable energy potential to meet the entire current energy demand.

