

Baltimore

Population: **292**



Population Density: **62.53**

Households

Total number: **Baltimore**



Owner households: **75**

Average Size: **3.00**

Renter households: **5**

Average Size: **1.40**

Median Annual Household Income: **\$75,625**

Space Heating for Households

Median Year Built: **1976**



Percent of Housing Built Since 2000:
10%

Percent of Housing Built Since 1960: **30%**

Total Energy Used: **11,010,000,000 BTU**

Total Cost: **\$7,274.15**

Mean Cost per household: **\$2,215.33**

Residential Transportation



Total Number of Vehicles: **184**

Estimated miles traveled: **3,314,784**

Estimated Gallons of fuel used: **164,545.22 gal**

Total Cost: **\$563,567.39**

Percent of residents driving alone to work: **68%**

Average Commute Time: **29 min**

Electricity Usage

*Electricity usage is determined by zip codes



Zip code: **05143**

Residential Usage: **16,192,022.94 kWh**

Commercial Usage: **7,399,796.48 kWh**

Businesses

Total Business: **6**



Total Employees: **11**

Average Employment Wage: **\$20,787**

Space Heating for Businesses

Average Sq Ft per Business: **1,404 sq ft**

Total Energy Used: **305,021,200 BTU**

Total Cost: **\$7,274**

Cost per Business: **\$1,212**

Existing Energy Generation

Existing Solar Generation: **0.12 MW**

Existing Wind Generation: **0.002**

Existing Hydro Generation: **0**



Renewable Potential

Energy Target: **3,496 MWh**

Solar Potential: **0.12 MW**

Wind Potential: **1.36 MW**










Hydro Potential: **0.00 MW**









Solar Potential Map Baltimore, VT. DRAFT

This map shows the existing solar energy production according to capacity for electricity generation and organization type. This map also shows the potential for ground-mounted solar energy production considering

- Statewide analysis of solar potential
- Statewide, Regional and Local constraints which prevent or may impact development of solar energy generation facilities

The Regional Energy Planning Standards are available at <http://publicservice.vermont.gov/content/act-174-recommendations-and-determination-standards>

-  Business, Institution or Municipality with a capacity of 150kW or more
-  Business, Institution or Municipality with a capacity of 15kW or less
-  Business, Institution or Municipality with a capacity of 15.1kW - 150kW
-  Residential, Capacity of 150kW or more
-  Residential, Capacity of 15kW or less
-  Residential, Capacity of over 15kW but less than 150kW
-  Substation
-  Prime solar resource
-  Secondary solar resource

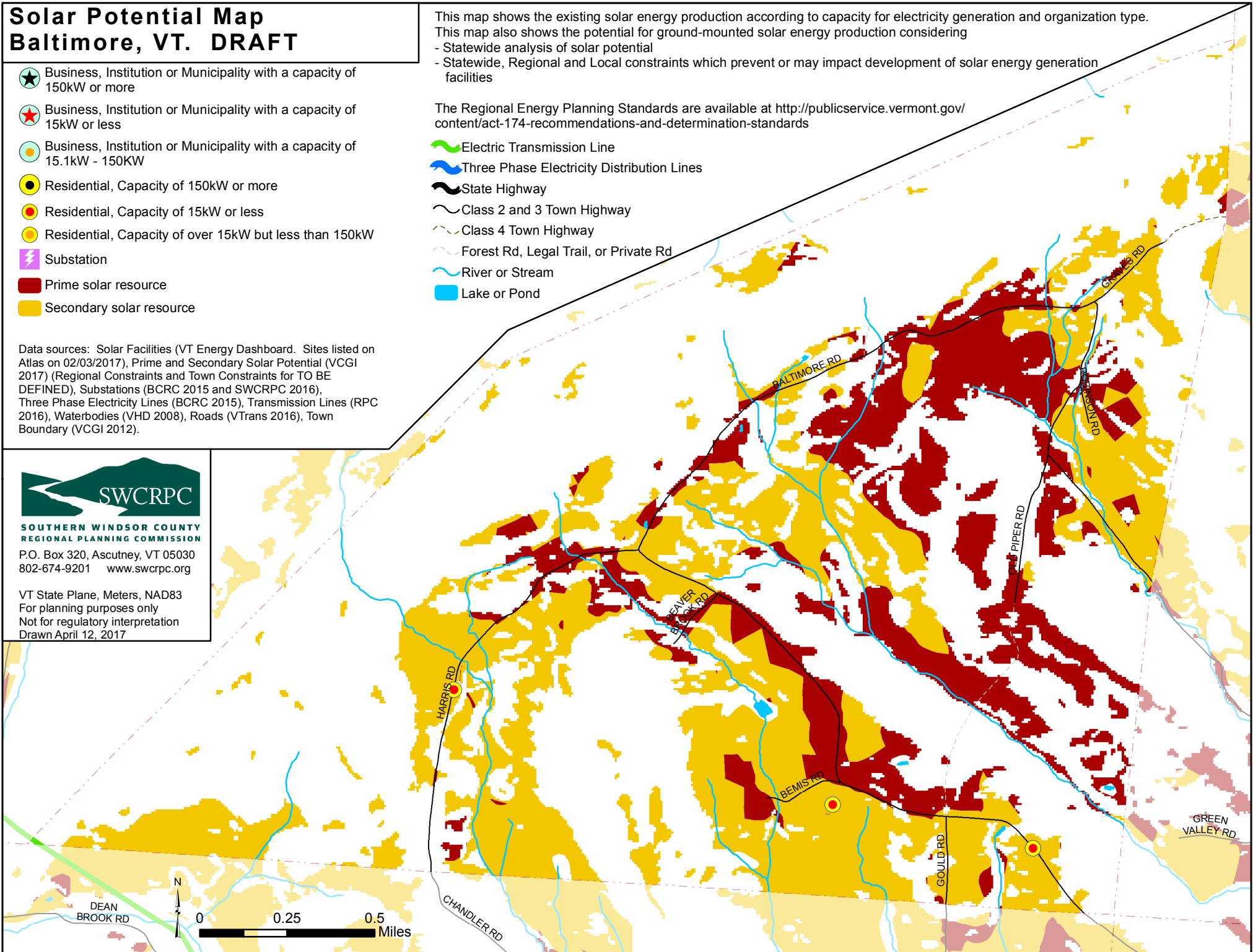
-  Electric Transmission Line
-  Three Phase Electricity Distribution Lines
-  State Highway
-  Class 2 and 3 Town Highway
-  Class 4 Town Highway
-  Forest Rd, Legal Trail, or Private Rd
-  River or Stream
-  Lake or Pond

Data sources: Solar Facilities (VT Energy Dashboard. Sites listed on Atlas on 02/03/2017), Prime and Secondary Solar Potential (VCGI 2017) (Regional Constraints and Town Constraints for TO BE DEFINED), Substations (BCRC 2015 and SWCRPC 2016), Three Phase Electricity Lines (BCRC 2015), Transmission Lines (RPC 2016), Waterbodies (VHD 2008), Roads (VTrans 2016), Town Boundary (VCGI 2012).



**SOUTHERN WINDSOR COUNTY
REGIONAL PLANNING COMMISSION**
P.O. Box 320, Ascutney, VT 05030
802-674-9201 www.swcrpc.org

VT State Plane, Meters, NAD83
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Drawn April 12, 2017



Wind Potential Map Baltimore, VT. DRAFT

This map shows the existing wind energy general sites and the potential for wind energy production considering

- Statewide analysis of wind potential
- Statewide, Regional and Local constraints which prevent or may impact development of wind energy generation facilities

The Regional Energy Planning Standards are available at <http://publicservice.vermont.gov/content/act-174-recommendations-and-determination-standards>

Potential wind speeds were calculated using the TrueWind Solutions MesoMap wind mapping system. For more info see www.vtenergyatlas-info.com/wind/methodology

There are currently no commercial wind facilities in the area.

- | | |
|--------------------------|--|
| Prime Wind Potential | ▲ Commercial Wind Facility |
| 10.070000 - 10.94 mph | ▲ Residential Wind Facility |
| 10.940001 - 12.10 | ⚡ Substation |
| 12.100001 - 13.82 | ⚡ Electric Transmission Line |
| 13.820001 - 16.46 | ⚡ Three Phase Electricity Distribution Lines |
| 16.460001 - 25.70 | ⚡ State Highway |
| Secondary Wind Potential | ⚡ Class 2 and 3 Town Hwy |
| 10.070000 - 11.45 mph | ⚡ Class 4 Town Highway |
| 11.450001 - 12.82 | ⚡ Forest Rd, Legal Trail, or Private Rd |
| 12.820001 - 14.32 | ⚡ River or Stream |
| 14.320001 - 16.46 | ⚡ Lake or Pond |
| 16.460001 - 25.70 | |

Data sources: Wind Facilities (VT Energy Dashboard. Sites listed on Atlas on 02/03/2017), Prime and Secondary Wind Potential (VCGI 2017) (Regional Constraints and Town Constraints for TO BE DEFINED), Substations (BCRC 2015 and SWCRPC 2016), Three Phase Electricity Lines (BCRC 2015), Transmission Lines (RPC 2016), Waterbodies (VHD 2008), Roads (VTrans 2016), Town Boundary (VCGI 2012).



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