

Town of Vernon Solar Energy Potential

Prime Solar Energy Resource

generally adequate solar resources and no identified constraints (i.e., no "known" <u>and</u> no "possible" constraints)

Secondary Solar Energy Resource generally adequate solar resources and no "known" constraints, but at least one "possible" constraint

"known" and "possible" constraints are identified by the Vt. Public Service Department in their Act 174 Energy Planning Standards

Existing solar installations:

50 acres

10 acres

2 Miles

1 - 19 kW (generally smaller-scale on-site: 20 - 70 kW residence, farm, school, or business)

140 - 150 kW (generally larger-scale 360 - 2000 kW commercial/utility solar farms)

Existing solar installations from the Vermont Energy Atlas, developed

from Certificates of Public Good; they may correspond to the address of the certificate holder and $\underline{\mathsf{not}}$ the actual location of the installation.

Substations Note: prime vs. secondary solar energy resource is NOT based on solar intensity. 3 Phase Power Lines Transmission Lines 5 acres March 2017

100 acres

map by Windham Regional Commission, Brattleboro, Vt. March 2017; $u:\GIS\projects\Energy\maps\Town_11x17_WindEnergy.mxd$