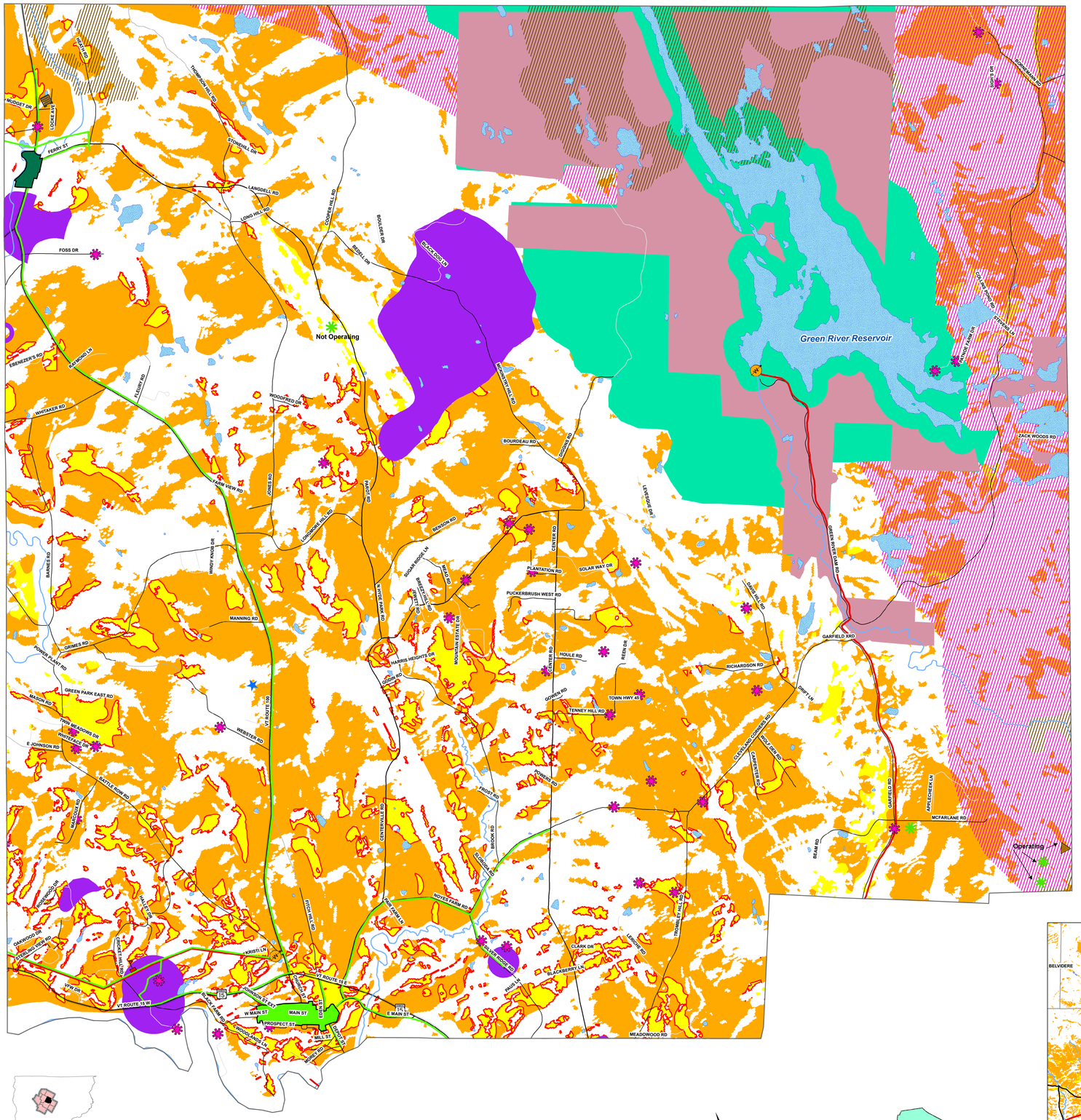
Hyde Park
Renewable Energy Potential: SOLAR



Methodology

This map shows areas of resource potential for renewable energy generation from solar, i.e. locations where renewable energy generation would likely be most feasible according to the natural conditions of an area. This map also considers various other conditions, such as ecological zones, that may impact the feasibility of renewable energy development. These conditions are referred to as constraints.

Prime Solar

Areas with high solar potential and no environmental constraints.

Secondary Solar

Areas with high solar potential and environmental constraints that may pose an obstacle to development. These areas are shown on the map and include the following constraints:

- Agricultural soils (local, prime and statewide classifications)
- FEMA special flood hazard areas
- Protected lands
- Act 250 agricultural soil mitigation areas
- Deer wintering yards
- Highest priority forest blocks
- Hydric soils

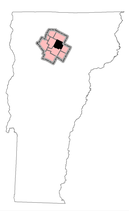
No Solar

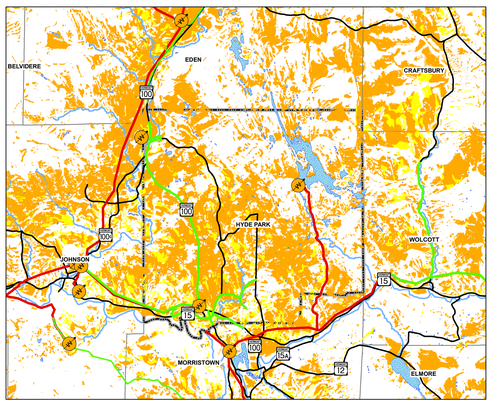
Areas with low solar potential or envrionmental constraints likely to prohibit development. These areas have been removed and are not shown in any way on this map.These environmental constraints are:

- FEMA floodways
- River corridors
- Federal wilderness areas
- Natural Communities and Rare, Threatened and Endangered Species
- Vernal pools
- Wetlands class 1 and 2

This map was created as part of a Regional Energy Planning Initiative being conducted by Vermont Regional Planning Commissions and the Vermont Public Service Department.

Created: Lamoille County Planning Commission, Updated October 2017.





LAMOILLE COUNTY PLANNING COMMISSION

Key

- Existing Solar Sites
- Substations
- 3 Phase Power Lines
- Transmission Lines
- Lakes/Ponds
- Rivers/Streams

Local Constraints:

- Deer Wintering Area
- CONSERVATION-27AC
- Green River Reservoir
- Bear Habitat
- Well Head Protection Areas Zones 1 & 2
- North Hyde Park Village Center
- Hyde Park Village Center

Solar Resources

- Prime Solar within 1 Mile from 3 Phase Power
- Prime Solar
- Secondary Solar

White Area — No Solar

Preferred Sites:

- Copper Mine
- Gravel Pit
- Industrial Park
- School
- Transfer Station