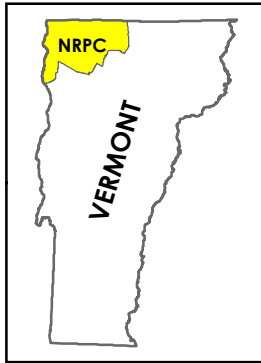


Existing Generation Facilities

Grand Isle, Vermont Act 174 The Energy Development Improvement Act

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Legend

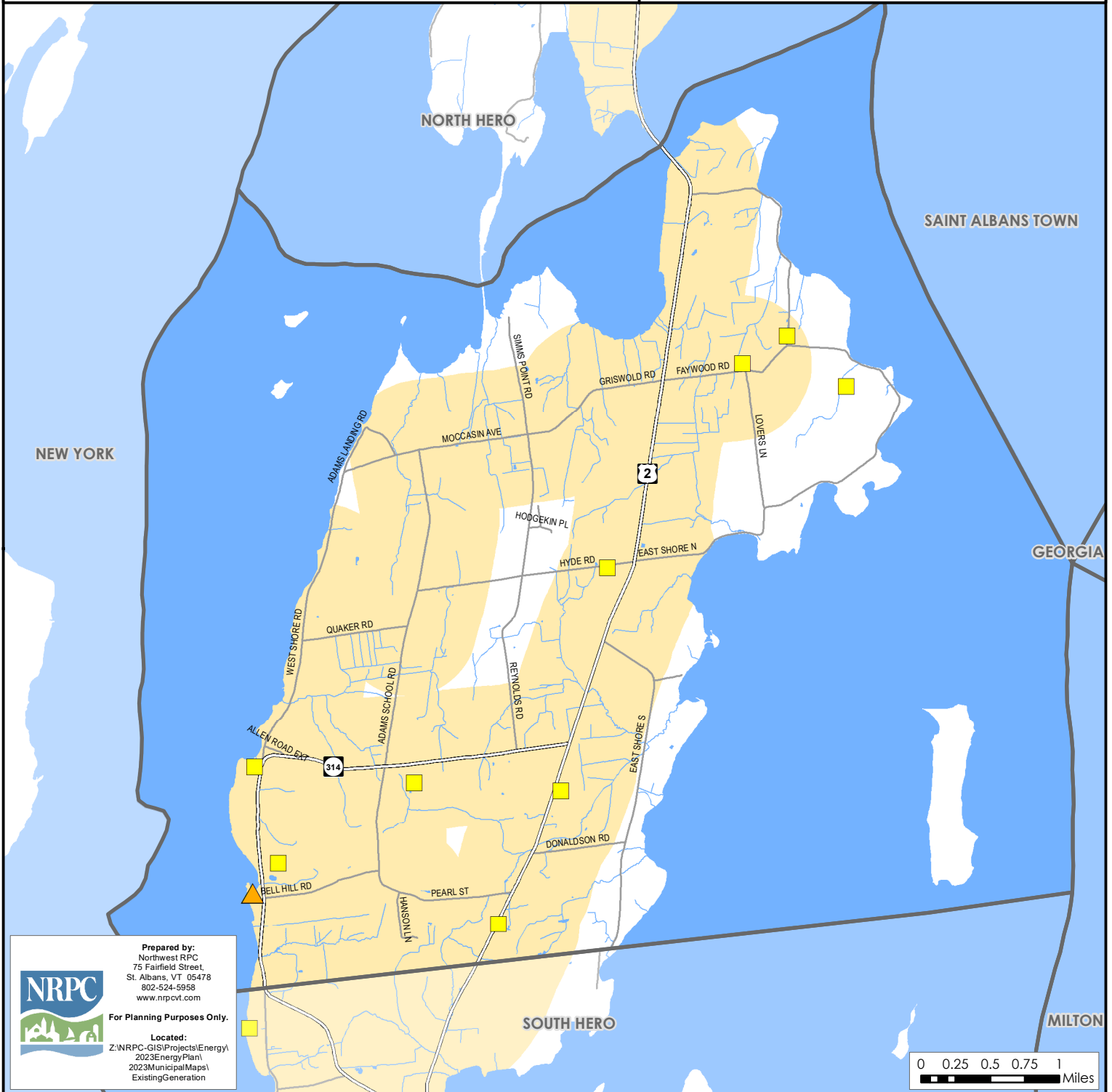
- Biomass Facility
- Hydro Facility
- Solar Facility
- Wind Facility
- 1/2 Mile Buffer*
(3 Phase Power Line & Transmission Line)

Note: Only generators 15kW are shown on the map. A full list of all generators is available. The facility locations shown here are approximate and may not reflect exact location. Projects constructed after 2023 may not be shown.


*The half mile buffer shows where generation facilities can be located without significant loss of power in transit to transmission lines.

Sources: VCGI

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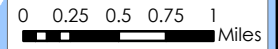


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Hydro

Grand Isle, Vermont

Act 174

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Legend

- Substation
- 3 Phase Power Line
- Transmission Line
- 1/2 Mile Buffer (3 Phase Power Line & Transmission Line)
- Designated Outstanding Resource Water
- Known Constraint - Designated National Wild & Scenic River
- Possible Constraint - Stressed or Impaired Water
- Possible Constraint - Rare & Irreplaceable Natural Areas

Sources: VCGI

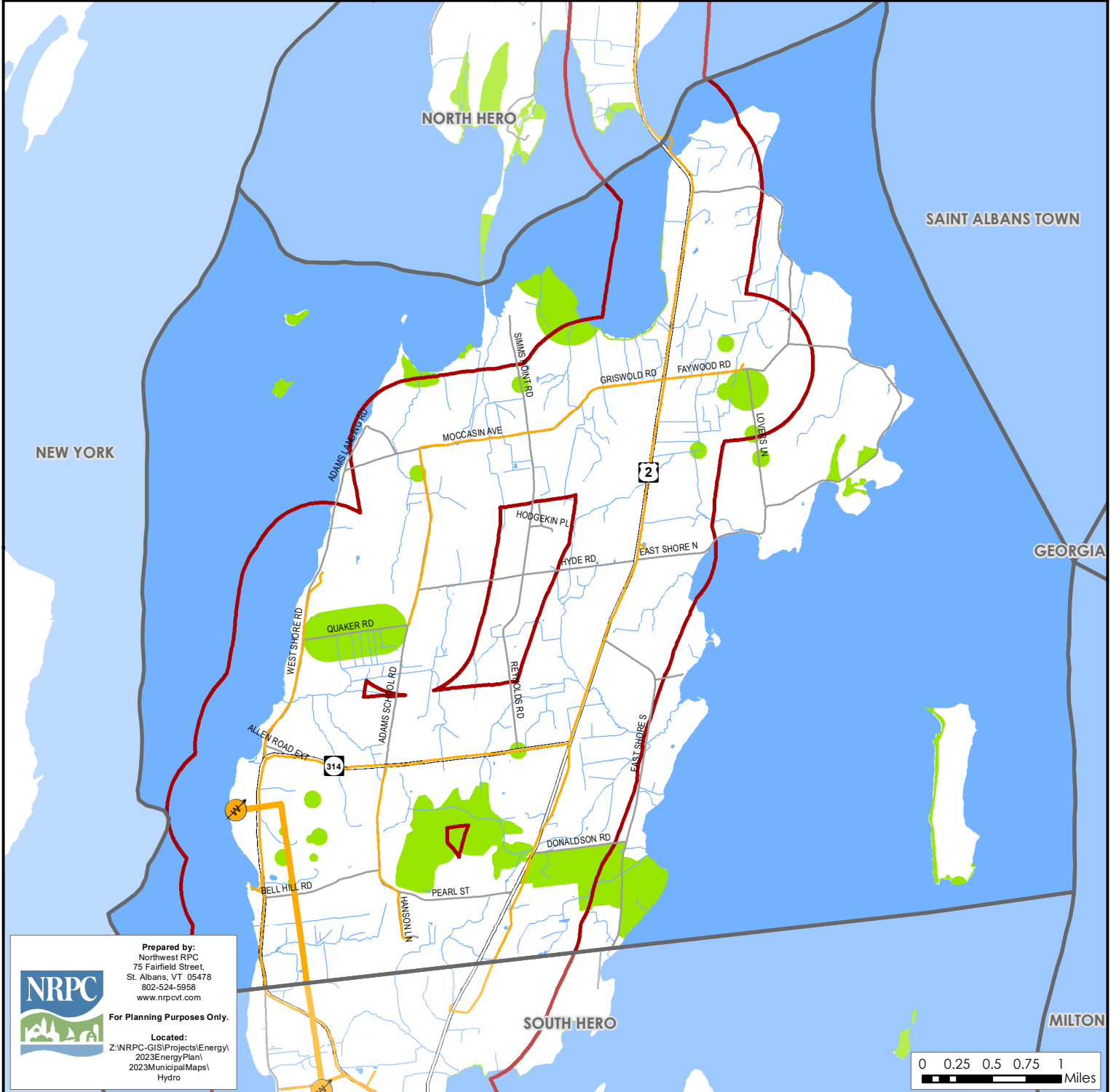
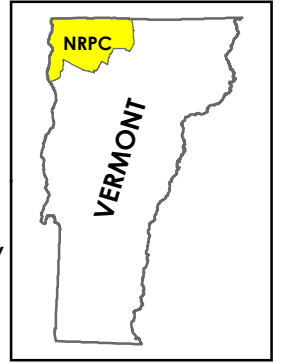
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Potential Hydroelectric Facility

- < 50 kW Capacity
- > 50 kW Capacity
- High Hazard with < 50 kW Capacity
- High Hazard with > 50 kW Capacity

Operating Hydroelectric Facility

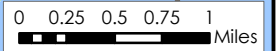
- Dam not on National Wild and Scenic River
- Dam on National Wild and Scenic River



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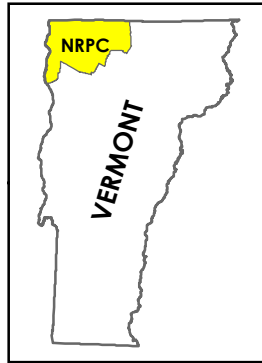
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Solar

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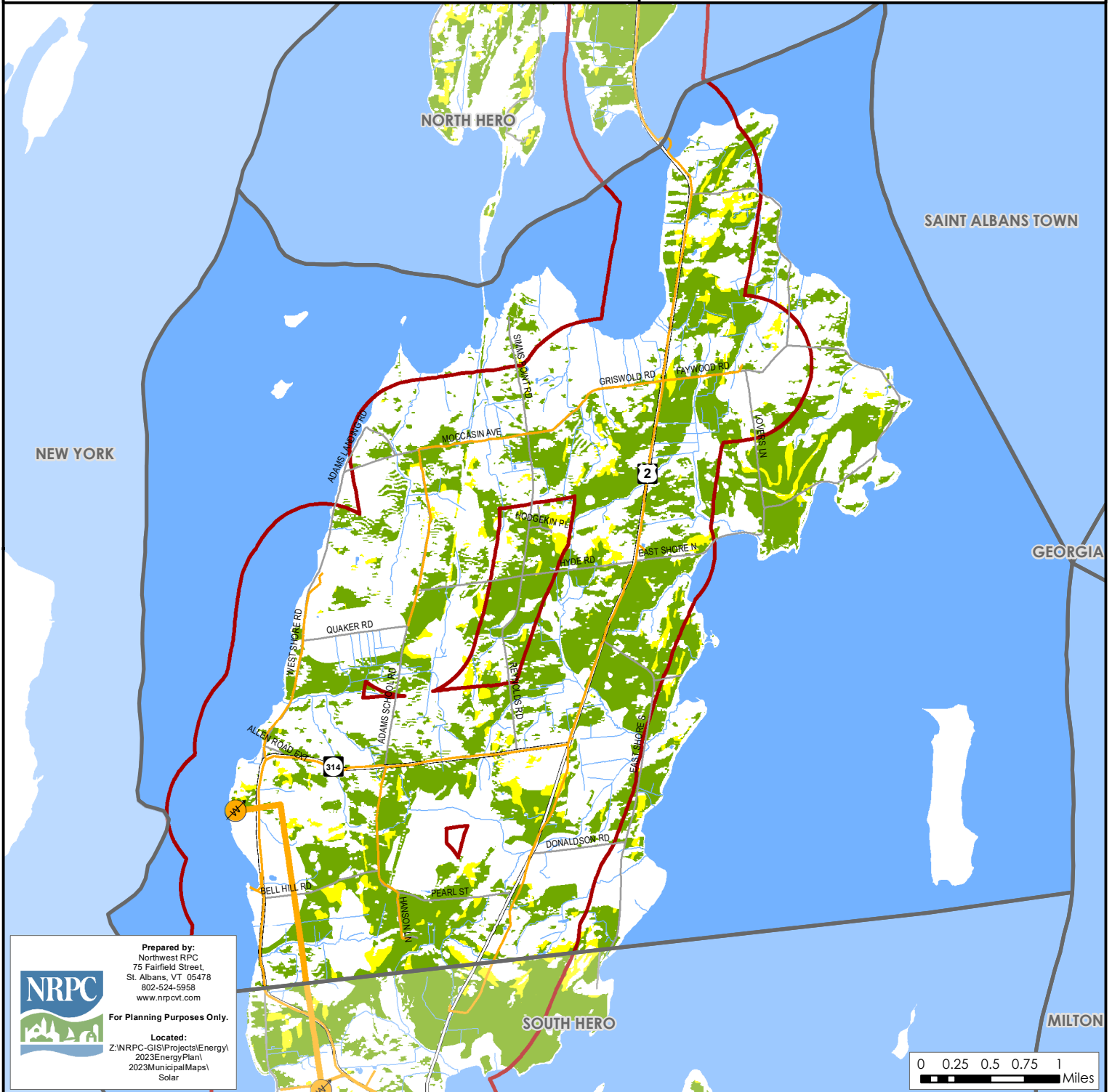
Legend

- Substation
- 3 Phase Power Line
- Transmission Line
- 1/2 Mile Buffer* (3 Phase Power Line & Transmission Line)
- Prime Solar/No Known Constraints
- Base Solar/Possible Constraints

*The half mile buffer shows where generation facilities can be located without significant loss of power in transit to transmission lines.

Sources: VCGI

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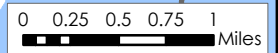


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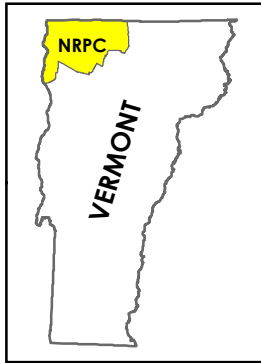
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2023\Municipal Maps\
Solar



Transmission & 3 Phase Power Infrastructure

Grand Isle, Vermont Act 174 The Energy Development Improvement Act

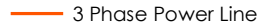
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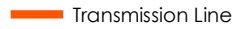
Legend



Substation



3 Phase Power Line



Transmission Line

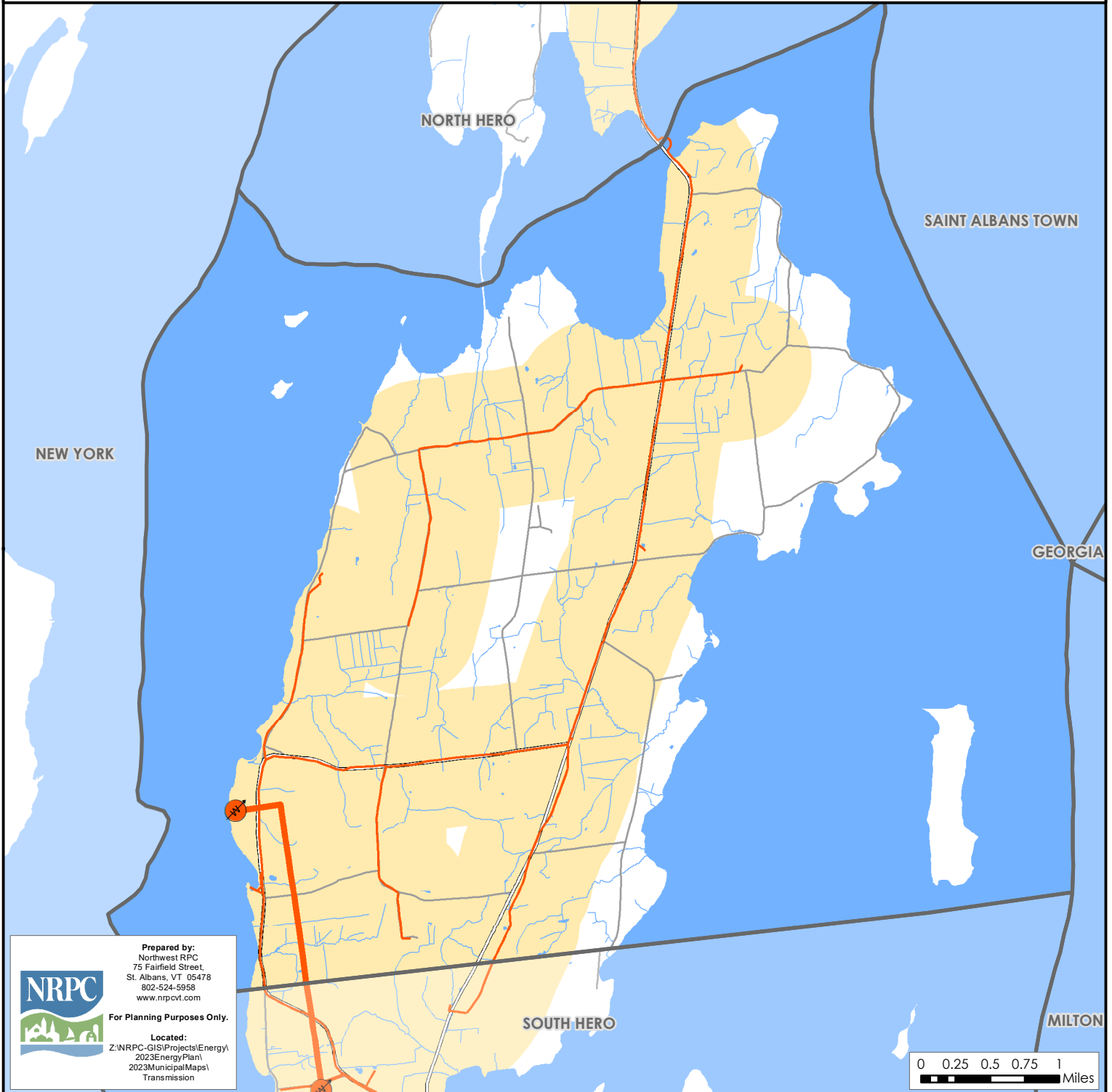


1/2 Mile Buffer* (3 Phase Power Line & Transmission Line)

*The half mile buffer shows where generation facilities can be located without significant loss of power in transit to transmission lines.

Sources: VCGI

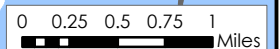
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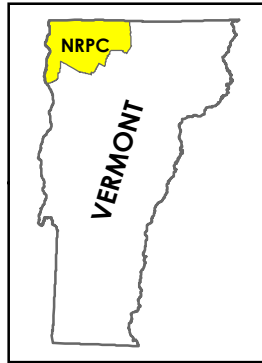


Utility Service Areas

Grand Isle, Vermont Act 174

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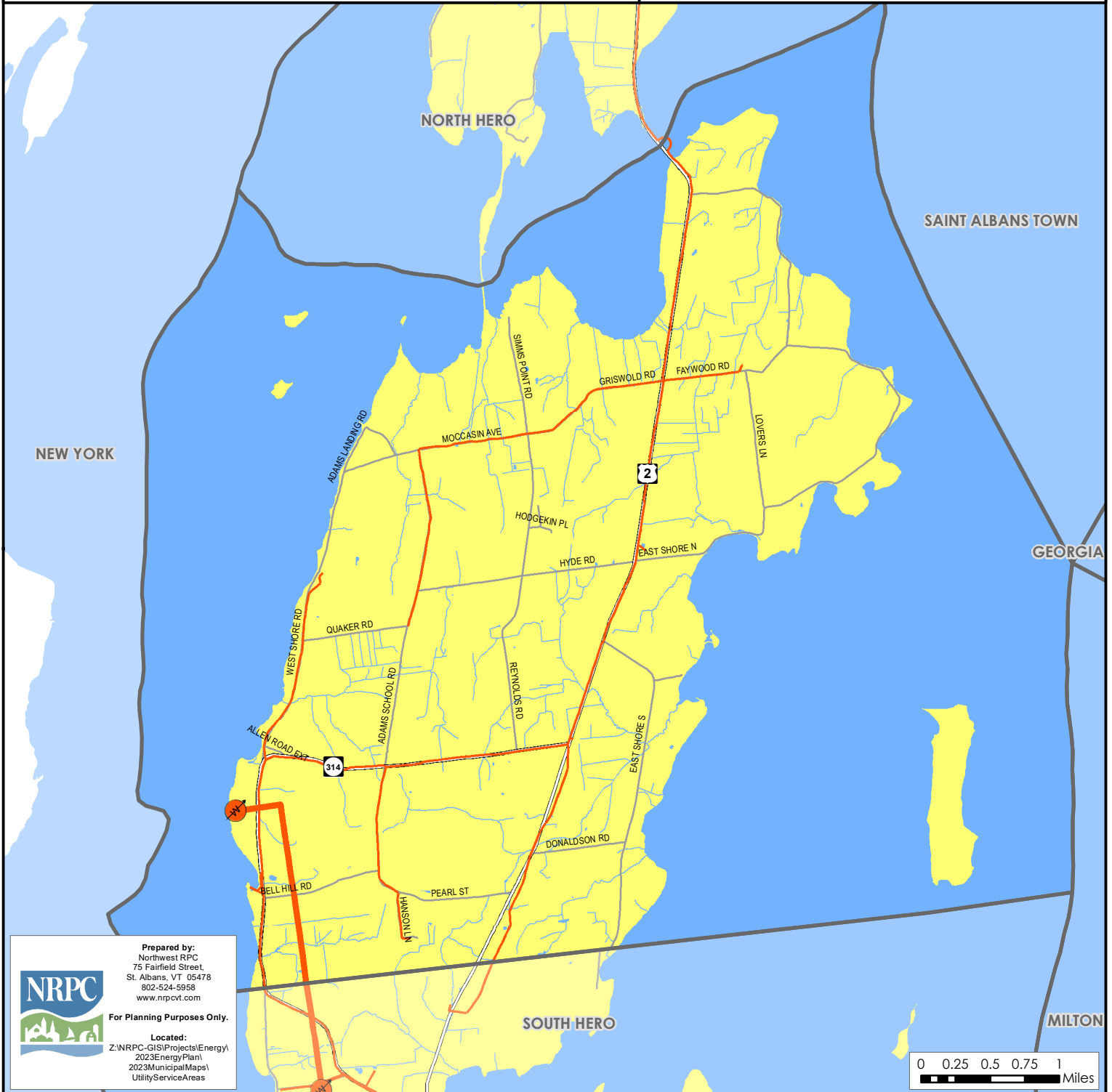
Legend

Utility Service Area Features

- Green Mountain Power
- Swanton Village Electric
- Vermont Electric Co-op
- Enosburg Falls Electric
- Substation
- 3 Phase Power Line
- Transmission Line

Sources: VCGI

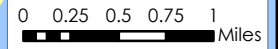
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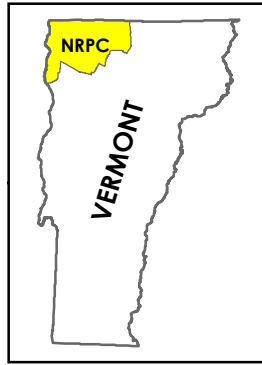
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Wind

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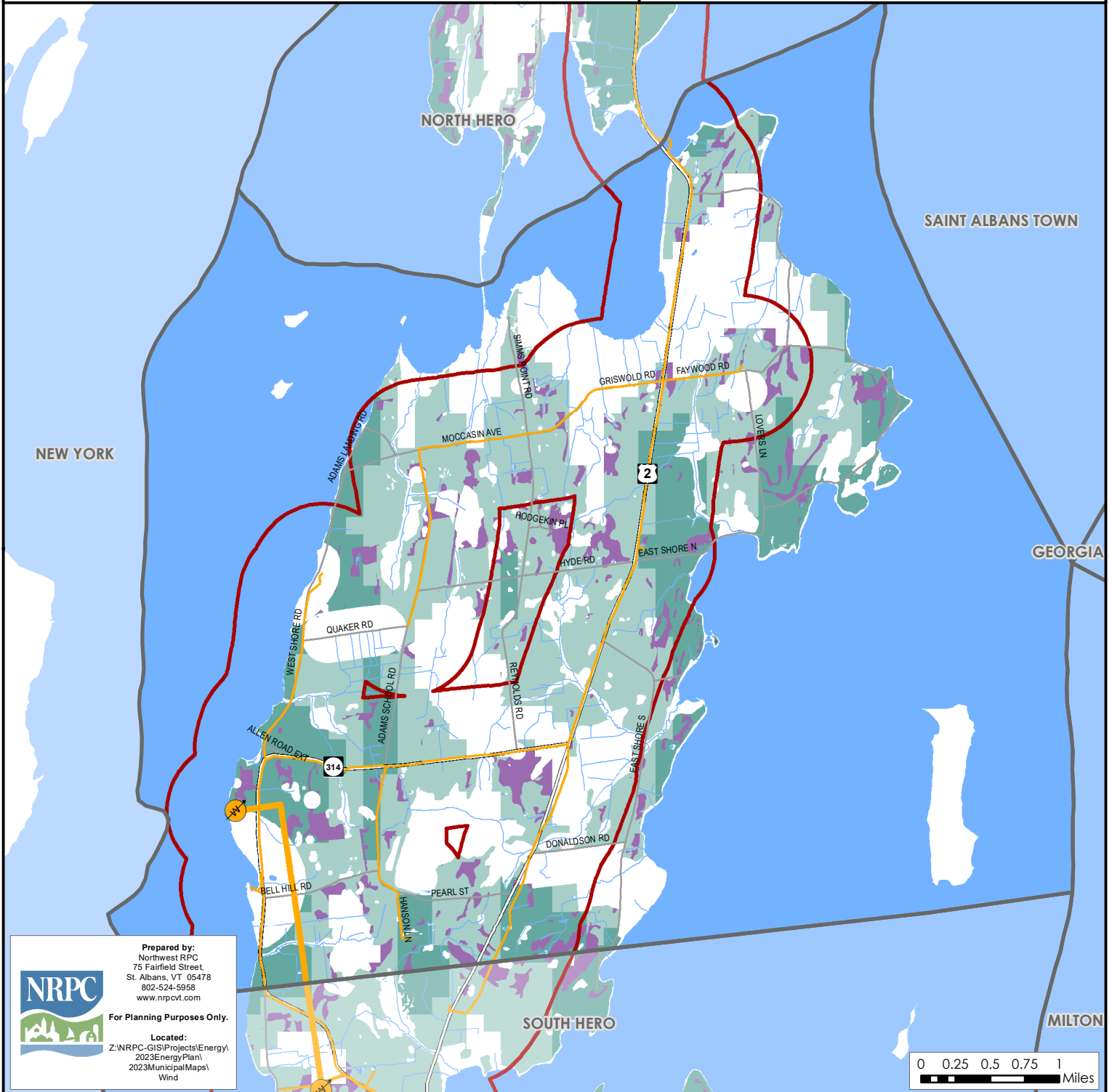
Legend

- Substation
- 3 Phase Power Line
- Transmission Line
- 1/2 Mile Buffer* (3 Phase Power Line & Transmission Line)
- Prime Wind**
Areas of high wind potential and no known constraints.
Darker areas have higher wind speeds.
- Base Wind**
Areas of high wind potential and a presence of possible constraints.
Darker areas have higher wind speeds.

*The half mile buffer shows where generation facilities can be located without significant loss of power in transit to transmission lines.

Sources: VCGI

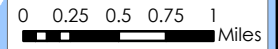
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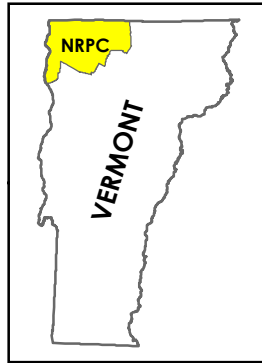


Woody Biomass

Grand Isle, Vermont Act 174

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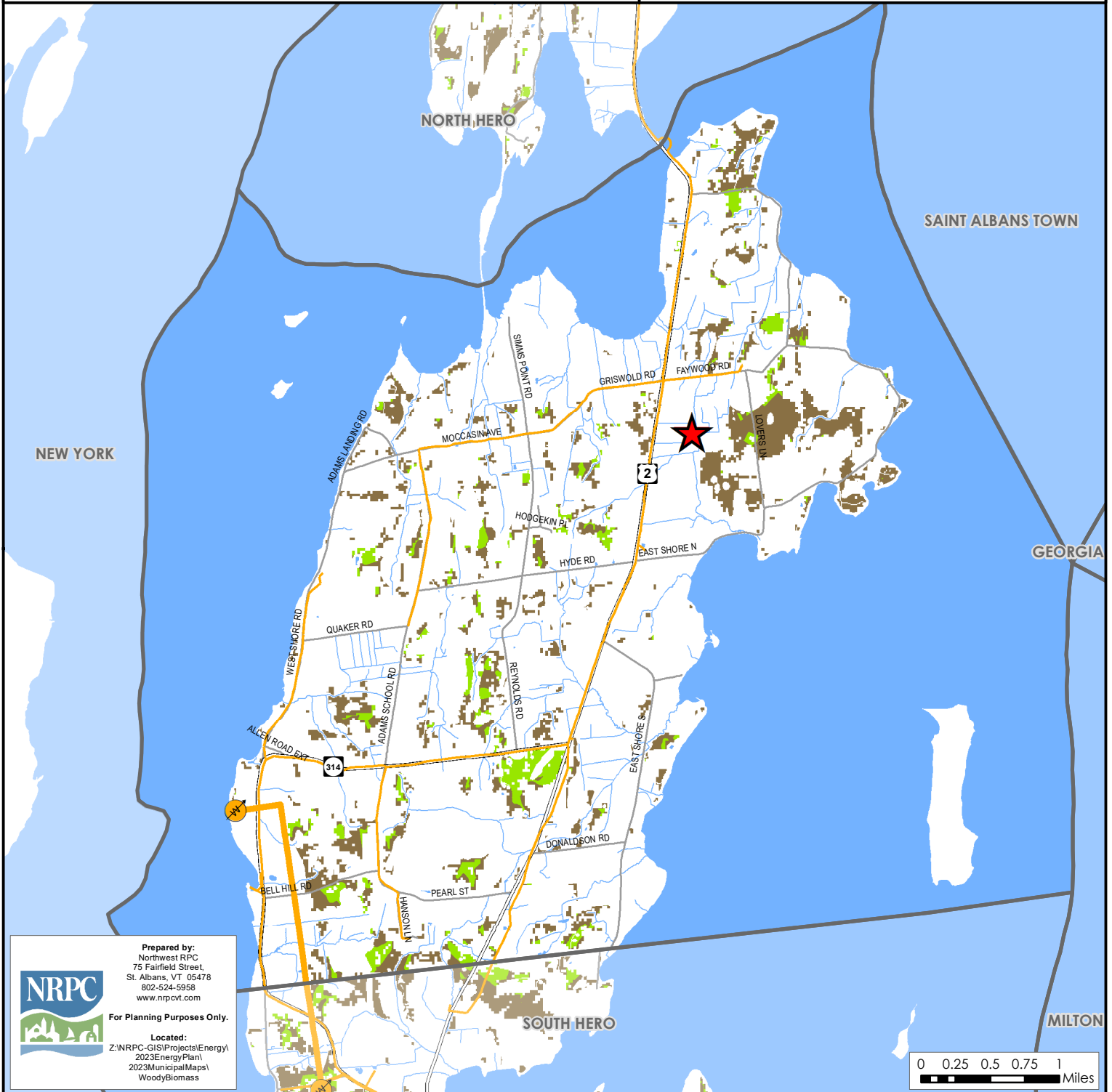
Legend

- Biomass System
- Methane Digester
- Substation
- 3 Phase Power Line
- Transmission Line
- Prime Woody Biomass/No Known Constraints
- Base Woody Biomass/Possible Constraints

Note: The prime and base biomass shows where biomass, specifically cordwood, could potentially be harvested. The location of biomass generation facilities, including methane digesters, is more site specific and therefore does not have prime or base areas.

Sources: VCGI

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