

Wind Energy Potential

This map was created as part of a Regional Energy Planning Initiative.
Created: 2019

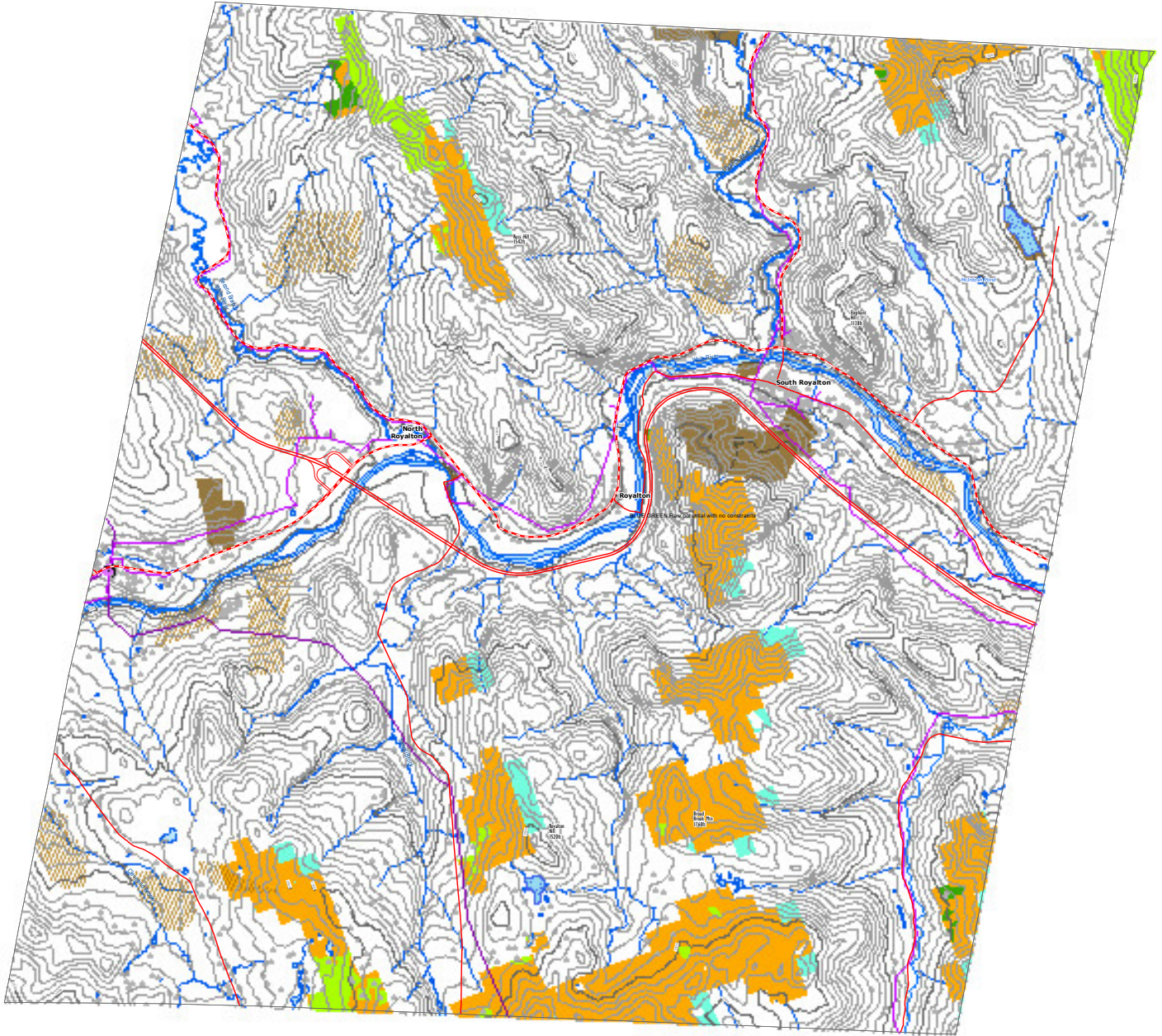
Adopted March 3, 2020

Royalton, Vermont

Map 8 of 8

ROYALTON

	Substations	Wind Potential
	3 Phase Power Lines	Suitability, HubHeight
	Transmission Lines	
	Lakes/Ponds	Prime, 50
	Rivers/Streams	Prime, 70
	Public Cons	Constraints, 50
	Private Cons	Constraints, 70
	Structures w/1ac buffer	Prime 1m 3phase
		RAW wind



Wind

This map shows areas of potential wind energy development. It includes areas with good access to wind resources and also considers other conditions that may limit the feasibility of wind energy development. These limiting factors are referred to as constraints. Areas of prime wind potential exist where the natural conditions make development feasible and no constraints are present.

These maps are designed to initially identify areas and follow-up on-site work is required to verify the areas are feasible for projects. They are subject to revision and are NOT intended to green-light or fast-track projects.

DARK GREEN Prime: No Constraints within 1 mile 3 phase power
GREEN Prime: No Constraints no known or possible constraints present
ORANGE Constraints: no known but at least one or more possible constraints
BLUE GREEN Raw potential: with constraints

Known Constraints
 Vernal Pools (confirmed and unconfirmed layers)
 DEC River Corridors
 FEMA Floodways
 State-significant Natural Communities and Rare, Threatened, and Endangered Species
 Wilderness Areas, including National Wilderness Areas
 Class 1 and Class 2 Wetlands (VSWI and advisory layers)

Possible Constraints
 Agricultural Soils (VT Agriculturally Important Soil Units)
 FEMA Special Flood Hazard Areas
 Protected Lands (Updated 07/26/2016)
 Act 250 Agricultural Soil Mitigation areas
 Deer Wintering Areas
 ANR's Vermont Conservation Design Highest Priority Forest Block Datasets
 Forest Blocks - Connectivity
 Forest Blocks - Interior
 Forest Blocks - Physical Land Division
 Hydric Soils

TRORC Unsuitable areas (included in known constraints)
 FEMA Floodways
 Wilderness Areas, including National Wilderness Areas
 Class 1 Wetland



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