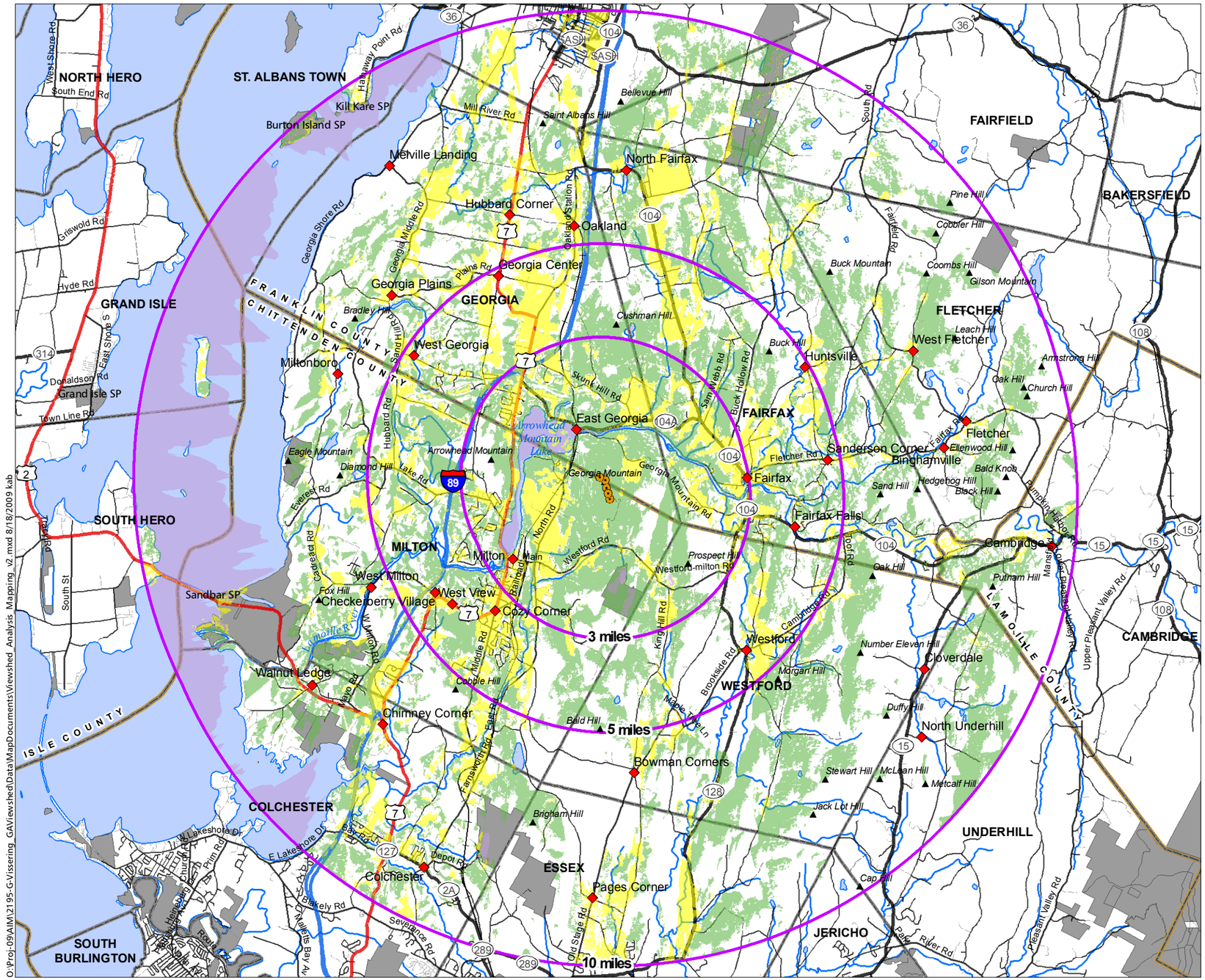

O:\Proj-09AIM\2195-G-Vissering_GAViewshed\Data\MapDocuments\Viewshed Analysis Mapping_v2.mxd 8/18/2009 kab

Viewshed Analysis Parameters

Turbine Height (nacelle)	262.5 ft / 80m
Turbine Height (tip of blade, analysis height)	405 ft / 123.5 m
Vegetation Height Used	40 ft / 12.192 m
Landcover Types Chosen As 'Forest' (for vegetation height increase)	deciduous forest , evergreen forest, mixed forest, woody wetlands
Date of Landcover Data	2006 (NLCD)
Analysis Radius	10 miles
Earth Curvature Correction Used?	Yes
Viewshed Analysis Software	ESRI ArcGIS Spatial Analyst/Desktop 9.3
Unit Used For Calculations	meters
DEM Accuracy	1/3 Arc Second / ~10m

Legend

- Proposed Turbines
- Village
- Summit
- Interstate
- US highway
- State Route or Class 1
- Town Class 2
- Town Class 3
- Town Class 4
- Other Road
- Railroad
- Rivers and Streams
- Lakes and Ponds
- Distance from Turbines
- Town Boundary
- County Boundary
- Public Conserved Lands

POTENTIAL AREAS OF VISIBILITY

- Potential Views in Forested Areas
- Potential Views in Non Forested Areas
- Potential Views from Open Water
- Turbines Not Visible

Sources: Viewshed analysis derived from USGS NED elevation data (1/3 Arc Second) corrected using EPA NLCD 2006 vegetation classes, Stone 2009; turbine locations, SOURCE; hydrology, town boundaries, roads, conserved lands, villages, and summits, VCGI 2008.

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APPENDIX 1. VIEWSHED MAP: AREAS OF POTENTIAL VISIBILITY

Georgia Mountain Community Wind