Comparison of Searsburg Turbines With Fenner Turbines,
The First Catamount Proposal (2003 - 2005), & The Last Catamount Proposal (12-23-05)*

Location	**Searsburg, VT** Existing	**Fenner, NY** Existing	**Glebe Mountain, VT** (Proposed 2003 -2005)	**Glebe Mountain, VT** Proposed 12-23-05
No. of Turbines	11	20	27	19
Rated output	.5 MW	1.5 MW	1.5 MW	2.5 MW
Height (total)	197’	326’	330’	420’
Height to Nacel	131’	213’	213’	262’
Blade length	66’	113’	113’	153’
Sweep area	13,685 sq. feet. or .3 acre	40,115 square .feet or .9 acres	40,115 square .feet or .9 acres	77,931 square ft or 1.79 acres
Weight	Rotor: 18,700 lbs Nacelle: 36,600 lbs Tower: 64,400 lbs	Rotor: 72,900 lbs Nacelle: 112,400 lbs Entire turbine: 380,000 lbs	Rotor: 77,175 lbs Nacelle: 138,915 lbs Tower: 170 tons	unspecified
Blade Revolutions per Minute	29	unknown	17	Unspecified, but if 17 rpm, t speed would be
MPH at tip	136 mph	unknown	137 mph	191 mph
Foundation	36’ x 36’, 3’l” deep (200 tons)	Each foundation weighs 610,000 + pounds (190 tones)	61’ x 61’; 5’ deep 8,900 cubic feet ofconcrete, 48 tons of steel	unspecified
Lighting	None (under 200’)	unknown	Required by FAA: Dual strobe - white by day, red by night	Required by FAA: Dual strobe - white by day, by night, 280’ above ground
Manufacturer / Model	Z-40FS Zond Energy Systems	unbknown	Possible: Vestas V-80 Denmark	Unspecified

* Recently, 600’ tall turbines were being proposed for a project in the state of Washington