

New England Wildlife Center



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Project Type: Wildlife hospital

Renewables Studied: Fuel cell, photovoltaics

Project Summary: The New England Wildlife Center (NEWC) operates a respected wildlife hospital in Weymouth and provides education and advocacy on environmental issues. The Center is planning to construct a new 25,000 square foot facility to expand its hospital capabilities and create new educational spaces. The facility will include numerous green building and energy efficiency elements and is expected to achieve certification under the LEED Rating System, a national green building guideline. In addition to such features as a sod roof for water management and a ground-coupled heat pump for heating and cooling needs, NEWC will use its \$379,287 RET grant to install 25 kW of roof-mounted photovoltaics and a 4 kW fuel cell to provide a significant amount of the building's energy needs. NEWC previously received a \$20,000 feasibility study grant from MTC to evaluate the integration of these elements into the project. The completed project will serve as a valuable demonstration of the use of renewables in an energy intensive facility.

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