

CARIBBEAN HOT SPOT: Escape to the Luxe Viceroy Anguilla Resort
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SAILS MAN: Inside the House of an America's Cup All-Star

OceanHome

THE LUXURY COASTAL LIFESTYLE MAGAZINE
July/August 2010

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GREEN MACHINE
This Cape Cod home actually gives energy back to the grid, page 24.

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Green House

Day Dream

An eco-friendly
contemporary house
on Cape Cod.



WINDOW TREATMENT
Truro, Mass. See page 24.





The Green House Effect

This Cape Cod home doesn't just save energy—it sells it back to the grid.
By **Regina Cole**

THE CONTEMPORARY HOUSE high up on a bluff has it all: the ocean directly below, window walls aimed at heart-stopping sunset views, a flexible floor plan that can sleep a crowd or just a couple, a stylish interior, and, best of all, a green design.

But it wasn't easy; the site's 115-foot elevation in Truro, Massachusetts is one of the highest points on Cape Cod.

"Energy-wise, this was a real challenge," says architect Stephanie Horowitz, AIA, of Boston's Zero Energy Design, which specializes in environmentally sensitive construction. "The elevation makes for unbelievable wind speeds," she explains. "The orientation towards the sunset meant west-facing glazing. We compensated with a super-insulated envelope and solar panels on the roof. The house produces more electricity than it needs and sells the surplus back to the grid." Heating and cooling comes from heat-exchanging wells; the radiant floor provides comfort and efficiency in high-ceilinged rooms without affecting air quality.

The homeowners, who have a number of children and grandchildren, wanted a vacation home that would contract and expand as needed. Horowitz responded with a building composed of two modules; one, containing multiple bedrooms and bathrooms, is closed off when the house functions as a couples' retreat. Interior designer Michael Ferzoco of Eleven Interiors created rooms that are, according to the homeowners, "modern without that cold, austere look." Ferzoco chose renewable and environmentally sensitive materials: bamboo flooring, natural and organic upholstery fill, local stone, LED lights, and several pieces of vintage furniture, including a Saarinen Tulip table.

With a shape influenced by the dramatic topography, the 6,200-square-foot house presents a modest façade to the street. Only on the ocean side does it reveal its explosive angles and expanses of glass. zeroenergy.com.



LET THERE BE LIGHT: Perched 115 feet above the Atlantic Ocean, this Truro, MA home has green features like solar panels and radiant floor heating in the kitchen and dining rooms.