



The Wells Reserve at Laudholm is the first nonprofit in Maine to go “100% solar.”

Our new photovoltaic systems now generate enough solar energy to meet all of our electricity needs. We installed the first array in March 2013 and met our goal 2 years ahead of schedule.

We’ve set the bar for the nonprofit community, small businesses, and residents, demonstrating that with dedicated partners, vision, and leadership Maine has the capacity to reach for energy independence and a sustainable future.

Our \$200,000 investment in solar infrastructure is paid in full thanks to the...

- ☀ National Oceanic and Atmospheric Administration
- ☀ Mattina R. Proctor Foundation
- ☀ Davis Conservation Foundation
- ☀ Town of Wells
- ☀ Efficiency Maine
- ☀ generous donors to the Wells Reserve at Laudholm

System Facts

Four solar arrays – 3 rooftop and 1 ground-mounted
248 individual panels
73,000 kilowatt-hours generated annually
90,000 pounds of CO₂ offset annually
Cost: \$207,157

Additional Solar Energy Investments

3 air-source heat pump water heaters
1 air-source heat pump heater

Conservation Efforts to Complement Solar Gains

Smarter operations and aggressive conservation
Purchased 4 Energy Star Refrigerators
Replaced thermostat controls for efficient control and reduced consumption
Replacing old boilers with high-efficiency boilers
Replacing conventional light bulbs with LED lights

wellsreserve.org/solar
Wells National Estuarine
Research Reserve
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