



REVISION **SOLAR** IMPACT PARTNERS

# Creating Positive Change Together

2018–2020 Impact Report



**REVISION ENERGY**

# 2018–2020 Impact

---

Together, we are reducing carbon pollution and strengthening our local schools, nonprofits and municipalities. The key to our approach is using a combination of tax equity investments and patient debt to overcome the financial hurdles faced by tax exempt organizations while delivering impact returns to investors and lenders.

**With your partnership and financial support, we installed:**



**That's equivalent to offsetting more than 1,600 homes' entire energy use every year, and it brings clean, local energy to:**



---

**Read on to learn how impact investors are partnering with ReVision Energy to accelerate the clean energy transition while bringing economic and environmental sustainability to our most vital community institutions.**

# Nonprofits

---



*Boys & Girls Club of Manchester, Camp Foster*

---

**Installing solar at zero up front cost, and** delivering clean power cheaper than what the utilities can offer, gives our local nonprofits a helping hand in their work to support our communities and solve problems like hunger and homelessness. In reducing their operating costs and carbon footprint, frontline organizations like the Good Shepherd Food Bank use energy savings from their solar projects to defray the costs of the work they do, like delivering more than 50 million meals to hungry Mainers. The same is true for nonprofits like Crossroads House, Nashua Soup Kitchen, Saco Food Pantry and the Midcoast Hunger Prevention Program, to name just a few of the agencies benefiting from the work of ReVision Solar Impact Partners and its investors.

**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

**Boys & Girls Club of Manchester | Manchester, NH**

*Union St Headquarters*

254 PANELS | 91,548 LBS | 81 KW

**Boys & Girls Club of Manchester | Bedford, NH**

*Camp Foster*

154 PANELS | 53,201 LBS | 49 KW



*CLC YMCA*



**Capitol Center for the Arts | Concord, NH**

*Bank of NH Stage*

131 PANELS | 46,604 LBS | 41 KW

**Central Lincoln County YMCA | Damariscotta, ME**

506 PANELS | 190,937 LBS | 164 KW

*Downeast Community Partners*

**NONPROFITS**



*Dover Pool and Children's Museum*

CrossWay Christian Church | Nashua, NH

186 PANELS | 67,527 LBS | 57 KW

Dover Pool & Children's Museum | Dover, NH

318 PANELS | 114,575 LBS | 101 KW

Downeast Community Partners | Franklin, ME

496 PANELS | 206,956 LBS | 171 KW

Federated Church of Marlborough | Marlborough, NH

70 PANELS | 24,198 LBS | 21 KW

Green Memorial AME Zion Church | Portland, ME

49 PANELS | 15,628 LBS | 14 KW

NONPROFIT SPOTLIGHT

# Good Shepherd Food Bank

**703,800**

lbs of carbon offset  
every year

Hampden & Auburn, ME

Good Shepherd Food Bank (GSFB) is the largest hunger relief organization in Maine, providing surplus and purchased food to more than 400 non-profit organizations throughout the state. Electricity from the Hampden and Auburn solar arrays will support GSFB's refrigeration for perishable items and reduce their carbon footprint.

**1,659 PANELS | 717 MWH ANNUALLY | 600 KW (COMBINED)**

**“Solar energy was of interest for many reasons, the most notable of which is that long-term energy costs savings allow the Food Bank to invest more in its work to fight hunger in Maine. Additionally, studies show that the change on our climate disproportionately impacts low-income populations, so reducing the impact on our environment is also aligned with our mission.”**

*- Kristen Miale, President*



NONPROFIT SPOTLIGHT

# Keene Housing

Keene, NH

# 461,300

lbs of carbon offset every year

Solar projects at Keene Housing’s Harper Acres, Forest View, and North and Gilsum Street Apartments reduce the nonprofit affordable housing provider’s electric bills, allowing them to share the savings with residents—with the added environmental benefits of generating clean electricity. The three arrays are expected to save Keene Housing almost \$3 million in electricity costs over the lifetime of the systems.

**1,344 PANELS | 470 MWH ANNUALLY | 435 KW (COMBINED)**

**“We are very excited to take this next step towards reaching our goal of being 100% renewable by 2035. Thanks to our partnership with ReVision we’re reducing our operating costs while significantly reducing our real estate portfolio’s carbon footprint.”**

*– Josh Meehan, Executive Director*



**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

**Midcoast Conservancy | Edgecomb, ME**

38 PANELS | 15,558 LBS | 12 KW

**Monadnock Humane Society | Swanzey, NH**

256 PANELS | 105,231 LBS | 89 KW



*Wescustogo Hall*

*Midcoast Conservancy*

**Palace Theatre | Manchester, NH**

236 PANELS | 92,752 LBS | 76 KW

**Temple Beth Abraham | Nashua, NH**

247 PANELS | 82,287 LBS | 77 KW

**Unity Area Regional Recycling Center | Thorndike, ME**

42 PANELS | 14,597 LBS | 12 KW

**Wescustogo Hall | Yarmouth, ME**

356 PANELS | 126,621 LBS | 110 KW



**NONPROFITS**

NONPROFIT SPOTLIGHT

# MacDowell Colony

Peterborough, NH

**129,669**

lbs of carbon offset every year

In combination with their a solar array installed in 2016, the MacDowell Colony's recent installation now means the artist residency program generates about 10% more electrical power than the organization consumes over the course of a year on the 450-acre, 39-building property. This conversion to solar is part of MacDowell's long-term strategy to reduce carbon emissions and increase sustainability.

**320 PANELS | 132 MWH ANNUALLY | 112 KW**

**“MacDowell’s path toward energy sustainability is being realized in overlapping stages: first, by preventing energy waste through insulation and weather-proofing; second, by adding photovoltaic arrays on site to generate renewable energy.”**

- David Macy, Resident Director



NONPROFIT SPOTLIGHT

# Mascoma Meadows

Lebanon, NH

**173,153**

lbs of carbon offset  
every year

Mascoma Meadows is the first resident-owned community in NH to go solar, through a PPA agreement with the funding from a state grant and impact investors. The co-op of participating low-to-moderate income households expect to save approximately \$270 annually per household, thanks to the solar array.

**384 PANELS | 176 MWH ANNUALLY | 132 KW**

**“The model developed for Mascoma Meadows, leveraging the cooperative structure and tax incentives, helps break some of the barriers to lower-income residents owning solar. The exciting part of this project is creating a model not just for New Hampshire resident-owned communities, but for ROCs across the country.”**

*- Christa Shute, Former Vermont Law School Energy Fellow for Climate Justice*



NONPROFIT SPOTLIGHT

# Wolfe's Neck Center for Agriculture & the Environment

Freeport, ME

**117,769**

lbs of carbon offset  
every year

Regenerative farming has the potential to be one of the most important climate solutions for humankind. Wolfe's Neck Center for Agriculture and the Environment is one step closer in their process in their goal of becoming 100% solar-powered. The nonprofit seeks to inspire participation in a healthier food system through soil research, regenerative farming, and community education.

**310 PANELS | 120 MWH ANNUALLY | 98 KW (COMBINED)**

**"We are thrilled to be partnering with ReVision Energy to achieve our goal of becoming 100% solar powered by the end of 2022. This is a goal we've been working towards for several years and are so pleased to be more than 50% of the way there. Utilizing renewable energy sources here on farm is a value-driven move for us that also make sound financial sense."**

*- Dave Herring, Executive Director*



# Schools

---



*Dover High School*

---

**To empower students to deal with the legacy of** fossil fuel pollution, scarcity and geopolitical conflict that our generation will leave behind, we are installing solar at zero up front cost for schools and engaging with classrooms to provide kids with hope and inspiration. Our approach benefits schools, taxpayers and the wider community by reducing energy costs and carbon pollution, enabling our school systems to spend more of their perennially tight budgets on students and teachers. Some of our private school partners are using their energy savings to provide more scholarships for students who need them.

**Project Name | Location**

ARRAY SIZE (KW) | ANNUAL CARBON OFFSET (LBS) | # OF PANELS

---

**Bristol Consolidated School | Pemaquid, ME**

266 PANELS | 90,789 LBS | 81 KW

**College of the Atlantic | Bar Harbor, ME**

*Center for Human Ecology*

323 PANELS | 105,942 LBS | 103 KW

*Bristol Consolidated School*



**Dartmouth College | Hanover, NH**

*Class of '53 Commons*

131 PANELS | 49,898 LBS | 41 KW

*Dana Hall*

149 PANELS | 57,683 LBS | 57 KW

*Fahey-McLane Building*

198 PANELS | 80,126 LBS | 76 KW

*Friends of Dartmouth Rowing*

222 PANELS | 73,554 LBS | 71 KW

*Indoor Practice Facility*

1,844 PANELS | 610,497 LBS | 599 KW



*College of the Atlantic*

**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

**Dartmouth College | Hanover, NH**

*Kemeny-Haldeman Building*

251 PANELS | 99,836 LBS | 80 KW

*McLaughlin Cluster*

417 PANELS | 158,919 LBS | 133 KW



*Moore Hall*

156 PANELS | 59,565 LBS | 49 KW

*Russell Sage Building*

56 PANELS | 21,703 LBS | 17 KW

*Silby Building*

116 PANELS | 48,157 LBS | 35 KW

*Sudikoff Building*

132 PANELS | 52,341 LBS | 42 KW

*Dartmouth College, McLaughlin Cluster*

**SCHOOLS**

*Sunsquatch is educating future generations about the climate crisis!*



Dover High School | Dover, NH

2,851 PANELS | 1,035,279 LBS | 912 KW

Dr. Crisp Elementary School | Nashua, NH

534 PANELS | 222,877 LBS | 200 KW



*Dartmouth College,  
Indoor Practice Facility*



Fairgrounds Middle School | Nashua, NH

1,760 PANELS | 744,698 LBS | 660 KW

Hollis Montessori School | Hollis, NH

175 PANELS | 68,093 LBS | 56 KW

*Dr. Crisp Elementary School*

**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

Islesboro Central School | Islesboro, ME

176 PANELS | 79,082 LBS | 65 KW

Mt. Ararat High School | Topsham, ME

1,687 PANELS | 714,659 LBS | 632 KW

Proctor Academy | Andover, NH

*Outdoor Center*

182 PANELS | 64,537 LBS | 56 KW

*Mt. Ararat High School*

*River Valley Charter School*



River Valley Charter School | Newburyport, MA

359 PANELS | 130,913 LBS | 114 KW

The Derryfield School | Manchester, NH

*Auditorium*

105 PANELS | 34,709 LBS | 33 KW

*Wellness Center*

464 PANELS | 197,790 LBS | 171 KW

**SCHOOLS**

SCHOOL SPOTLIGHT

# The Ecology School

Saco, ME

# 323,069

lbs of carbon offset  
every year

To eliminate its own carbon footprint and teach kids about sustainability, The Ecology School is the first in the U.S. to meet the strict environmental stewardship standards of the *Living Building Challenge*\* by generating 105% of its annual energy demand with solar. Every year, The Ecology School delivers environmental education and training to 12,000 students from northern New England. The solar arrays on campus will help students understand how complementary clean technology, like battery storage, EV charging and zero-emission heating and cooling of the school's buildings, paired with solar can create a clean energy future.

**712 PANELS | 329 MWH ANNUALLY | 257 KW (COMBINED)**

**“Solar was the obvious choice to generate our own clean electricity. In addition to the environmental benefits, the educational benefits of solar panels on site will provide thousands of program participants with the opportunity to see exactly how the system works. We’re flipping the switch to a carbon neutral future, right now.”**

- Drew Dumsch, President & CEO



\*[www.living-future.org](http://www.living-future.org)

# Municipalities

---



*Town of Chebeague*

---

## **When we reduce energy costs and carbon**

pollution from municipal operations, we are strengthening our communities and making them more resilient to withstand budget challenges and the unknown future impacts of climate damage. Now that solar electricity is more cost-effective than brown power from the utility grid, we are enabling municipalities to achieve energy independence, particularly when solar projects are combined with battery storage, heat pumps and electric vehicle charging stations. Everyone wins when costs paid by taxpayers go down, and carbon pollution declines.

**Project Name | Location**

ARRAY SIZE (KW) | ANNUAL CARBON OFFSET (LBS) | # OF PANELS

---

**Caribou Utilities District-PV | Caribou, ME**

2,756 PANELS | 1,024,007 LBS | 964 KW

**City of Keene | Keene, NH**

*Public Works Department*

2,010 PANELS | 724,742 LBS | 643 KW

**City of Lebanon | Lebanon, NH**

*Dept of Public Works Admin Building*

70 PANELS | 27,317 LBS | 21 KW

*Dept of Public Works Garage*

744 PANELS | 259,690 LBS | 230 KW

*Kilton Library*

330 PANELS | 104,328 LBS | 102 KW

*Landfill Maintenance Building*

168 PANELS | 60,808 LBS | 52 KW

*City of Lebanon, Kilton Library*



*Landfill Recycling*

317 PANELS | 100,530 LBS | 98 KW

*Police Station*

134 PANELS | 43,332 LBS | 41 KW

*Waste Water Treatment Facility*

688 PANELS | 272,608 LBS | 229 KW

*City of Lebanon, Police Station*

**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

**City of Nashua | Nashua, NH**

*Lake St Fire Station*

413 PANELS | 131,572 LBS | 128 KW

*Transit Garage*

318 PANELS | 127,373 LBS | 111 KW

*Conway Arena*

1,296 PANELS | 402,442 LBS | 401 KW

*City of Nashua, Transit Garage*



*City of Nashua, Lake St. Fire Station*



**City of Portland | Portland, ME**

*Sunfill North Landfill*

2,816 PANELS | 1,220,830 LBS | 985 KW

**East Kingston Public Library | East Kingston, NH**

84 PANELS | 28,470 LBS | 26 KW

**MUNICIPALITIES**

MUNICIPAL SPOTLIGHT

# Limestone Water and Sewer District

**687,430**

lbs of carbon offset every year

Limestone, ME

A quasi-municipal entity, the Limestone Water and Sewer District serves upwards of 21,000 customers in Limestone County and surrounding areas in northeast Maine.

**1,728 PANELS | 700 MWH ANNUALLY | 596 KW (COMBINED)**

Installed in December of 2018, the array had already saved the Water and Sewer District more \$3,000 in electricity costs by March of 2019. Over the lifetime of the array, solar production is estimated to generate upwards of \$2 million in energy savings—savings that will also directly benefit Limestone County taxpayers.



**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

Falmouth Memorial Library | Falmouth, ME

201 PANELS | 76,704 LBS | 65 KW

Kennebec Sanitary Treatment District | Waterville, ME

2,808 PANELS | 1,197,438 LBS | 968 KW

Newfields Village Water & Sewer District | Newfields, NH

216 PANELS | 91,174 LBS | 75 KW

Old Orchard Beach Chamber of Commerce | Old Orchard Beach, ME

67 PANELS | 26,234 LBS | 21 KW



*Falmouth Memorial Library*

Town of Bow | Bow, NH

575 PANELS | 202,835 LBS | 186 KW

Town of Bucksport | Bucksport, ME

258 PANELS | 85,004 LBS | 78 KW

Town of Chebeague | Chebeague Island, ME

180 PANELS | 77,739 LBS | 62 KW

Town of Cumberland | Cumberland, ME

1,248 PANELS | 620,474 LBS | 461 KW



*Town of Cumberland*

**MUNICIPALITIES**

Town of Deering | Deering, NH

162 PANELS | 56,077 LBS | 51 KW

Town of Eliot | Eliot, ME

384 PANELS | 167,892 LBS | 132 KW

Town of Gray | Gray, ME

960 PANELS | 475,995 LBS | 360 KW

Town of Hanover | Hanover, NH

*Fire & Public Safety Complex*

183 PANELS | 73,280 LBS | 66 KW

*Town of Hanover,  
Fire & Public Safety Complex*

*Town of Hanover,  
Water Department*



*Salt Shed*

162 PANELS | 54,690 LBS | 50 KW

*Vehicle Storage*

220 PANELS | 79,274 LBS | 68 KW

*Water Department*

1,872 PANELS | 837,441 LBS | 702 KW

**Project Name | Location**

**# OF PANELS | ANNUAL CARBON OFFSET (LBS) | ARRAY SIZE (KW)**

---

**Town of Hope | Hope, ME**

120 PANELS | 53,602 LBS | 42 KW

**Town of Islesboro | Islesboro, ME**

*Transfer Station*

100 PANELS | 33,658 LBS | 32 KW

*Town of Hope*



*Town of Windham*



**Town of Jackson | Jackson, NH**

*Highway Department*

167 PANELS | 59,415 LBS | 53 KW

*Town Office*

41 PANELS | 15,831 LBS | 13 KW

**Town of Madison | Madison, NH**

180 PANELS | 79,186 LBS | 63 KW

**Town of Windham | Windham, ME**

1,344 PANELS | 671,879 LBS | 504 KW

**MUNICIPALITIES**

# Special Small Business Partners

---



---

## **Our local small businesses are leading the**

transition to a just, clean energy economy. With solar power, they are not only more resilient as businesses, they are improving the resilience of local energy grids, and bolstering local economies, providing jobs and products with greatly reduced carbon footprints. These businesses are taking the initiative to create the kind of sustainable world we imagine for our future. Impact investment helps them to make large strides that benefit us all, while maximizing their ability to grow their business and continue to support our communities.

**SMALL BUSINESS SPOTLIGHT**

# Badger Balm

Gilsum, NH

**590,800**

lbs of carbon offset  
every year

At the 2019 United Nations Climate Change Conference in Madrid, Badger Balm, along with over 500 leading Certified B Corporations, announced their commitment to accelerate the reduction of their greenhouse gas emissions to reach a 1.5 degree trajectory leading to net zero by the year 2030 – 20 years ahead of the 2050 targets set in the Paris Agreement. Two solar arrays at their manufacturing facility will help them achieve those goals.

**1,384 PANELS | 602 MWH ANNUALLY | 486 KW (COMBINED)**

**“This is the first Badger manufacturing facility that we’ve built from the ground up. We envisioned that it would eventually be solar powered.”**

*- Rebecca Hamilton, Co-CEO*



SMALL BUSINESS SPOTLIGHT

# Sun Moon Farm

Rindge, NH

**109,185**

lbs of carbon offset  
every year

Sun Moon Farm is a family farm with a commitment to stewardship, community and providing fresh, nutritious local vegetables, fruit, herbs and flowers to CSA members. All are grown with emphasis on ecologically-responsible practices, reducing waste and strengthening community. The farm also accepts SNAP food stamp benefits, as one part of their commitment to making their food accessible to as many families as possible.

**250 PANELS | 111 MWH ANNUALLY | 90 KW**

**“Not only did the investment allow our farm business to change its energy source, but the intentionally visible array, and the stories that we can share, help our neighbors and customers to visualize the future that we all need to invest in.”**

*- Craig Jensen, Sun Moon Farm Family*



# Thank you

for investing in the communities we love.

---

## **WE ARE LOOKING FOR MORE INVESTORS!**

As the clean energy transition gathers momentum, we are developing relationships with many more schools, nonprofits and municipalities that want to move away from fossil fuels and reduce their carbon footprint, but we need impact investors to help finance these solar projects.

Tax equity investor returns over the 5-year time horizon have been averaging 5% to 15%\*, depending on individuals' specific tax situation and state incentives. We would love to connect with you regarding projects that need tax equity financing in 2021, 2022 and beyond.

**Please contact Nicolas Warren, Director of Community Investments:**

**[nwarren@revisionenergy.com](mailto:nwarren@revisionenergy.com)**

**215.285.8132**

**<https://www.linkedin.com/in/nicolaswarren/>**

*\* Returns: Consistently reporting 5%-15% IRR over 5 years.*

*Please note that returns vary individually depending on tax brackets, debt leverage, state energy prices, rebates, and individual circumstances that affect the unique investors' capitalization of credits and depreciation.*



# **REVISION ENERGY**

**[Impact.ReVisionEnergy.com](https://www.impact.revisionenergy.com)**