# The ReVision Solar PPA Solar Energy For Towns & Non-Profits

46 kW Solar Array at Belfast Fire Station, Belfast, Maine

### Who is ReVision Energy?

Engineers: NABCEP: Solar Certifications: College Degree: **Projects:**  Brown, Dartmouth, MIT, UNH 9 Certifications 90% of employees 95% of employees More than 4,500 solar energy systems





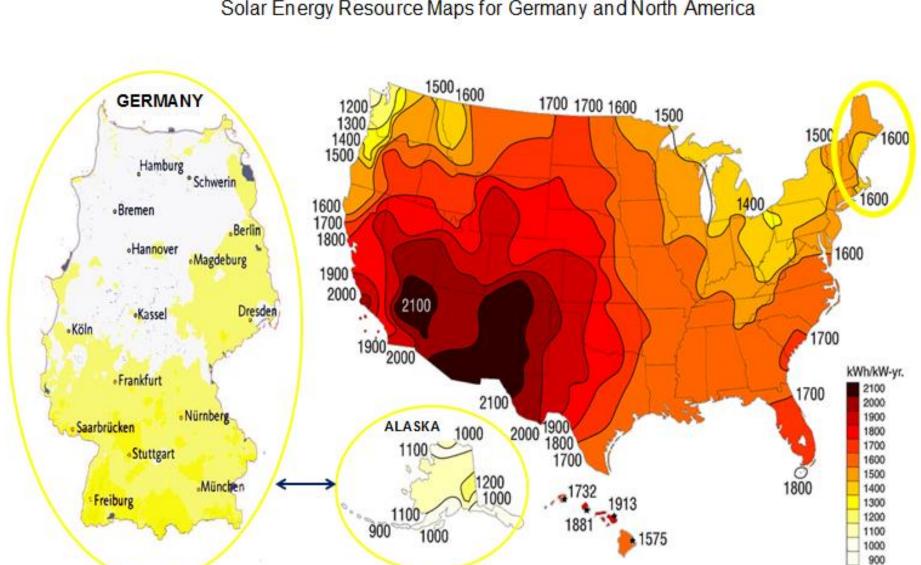
The "B" stands for "Benefit" Corporation and denotes that a business has committed itself to a defined set of non-traditional business practices that benefit employees, customers and the broader community by creating a positive impact on society and the environment.

#### **ReVision Energy's Mission...**

To accelerate the transition to clean, renewable energy sources. To help local governments and non-profits access renewable energy through advantageous financing partnerships.

74 kw array, Proctor Academy

### ME & NH receive 33% more sunshine per year than Germany, the world leader in solar energy deployment



Solar Energy Resource Maps for Germany and North America

### Solar for Maine and New Hampshire Towns

110 kW – Boothbay, Maine
46 & 114 kW – Belfast, Maine
37 kW – Wells, Maine
42 kW – Scarborough, Maine
119 & 651 kW – Durham, NH

73 kW – Bar Harbor, Maine
41 kW – Eliot, Maine
40 kW – Windham, Maine
28 kW – Yarmouth, Maine
21 kW – South Portland, Maine



### Fire Station – Windham, ME 40 kilowatt Grid-Tied Solar PPA

## **Non-Profits**

8 kW – Camp Huckins YMCA, NH 50 kW – Boothbay Region YMCA, Maine 13 kW – Natural Resources Council of Maine, Maine 34 kW – Riding to the Top Therapeutic Stables, Maine 51 kW – Maine Community Solar Farm, Maine 54 kW Avesta Housing, Westbrook, Maine 72 kW – Appalachian Mountain Club, NH

### Riding to the Top Stables – Windham, ME

### Schools & Universities

50 kW – College of the Atlantic, Maine 26 kW – Good Will Hinckley School, Maine 127 kW – Colby Sawyer College, NH 71 & 240 kW- Proctor Academy, NH 38 kW – Unity College, Maine 170 kW – Thomas College, Maine 43 kW – White Mountain School , NH



### Unity College, Phase 2 – Unity, ME

"Every cent that we save on this electric bill will go to scholarships for kids who need help. That's the biggest win for us." Glenn Cummings, President

Good Will Hinckley School 25 kilowatt Grid-Tied Solar PPA

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ReVision Energy "Our inspiration was to take a positive and significant step in the solar energy arena as part of our college's strategic and very real commitment to living sustainably. The community reaction has been fantastic. We could not be more pleased.." Tom Galligan, President, Colby Sawyer College



ReVisior <u>Energy</u>

Colby Sawyer College - New London, NH 5 rooftop, 126 kilowatt Solar PPA

"That [energy] plan seeks to provide Thomas College with diverse renewable energy sources that will lower long-term energy expenses and keep tuition costs down." Laurie Lachance, President



ReVision



96 kW Grid-Tied Array (120 kW PPA) Churchill Rink, Durham NH



## Public Works– Eliot, ME 41 kilowatt Grid-Tied Solar PPA

### 43 kW- Maine Audubon- Falmouth, ME



A Cost Effective Path to Ownership Capturing Tax Subsidies for Municipalities and Non-Profits Using PPAs

#### Investor(s)

- Tax Investor
- Major Donor
- ReVision

#### Special Purpose LLC

- Build project
- Own-operate 6 yrs
- Sell power to host



#### <u>Host 501c3</u>

Lease space
Buy power, REC
Option to buy after 6 yrs



Pass-thru tax benefits and earnings to investors

# Solar PPA Structure

#### Investor(s)

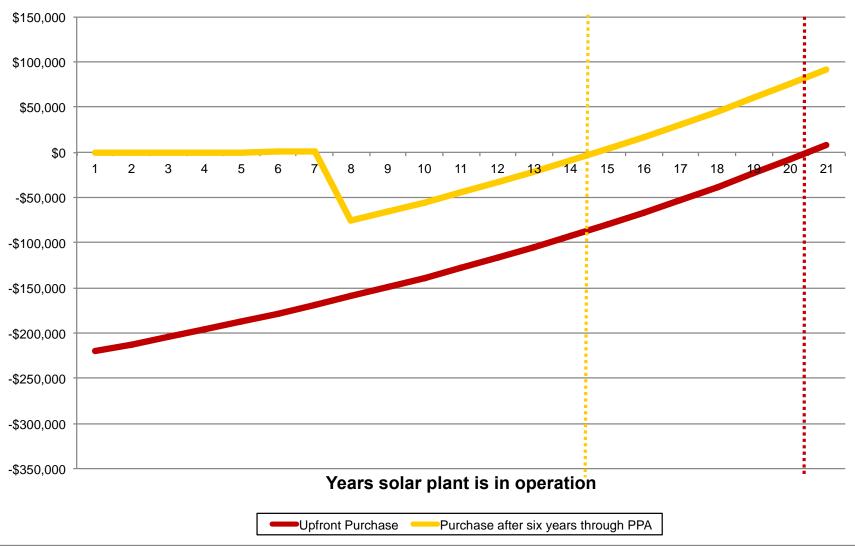
- + Provide Capital, Form LLC
- + Build/Own/Operate  $\geq$  6 yrs
- + Recoup Investment thru:
  - + Federal Tax Credit
  - + Depreciation & Tax Benefits
  - + Energy Payments from Host
  - + Grants, Rebates, REC sales
  - + Buyout Payment

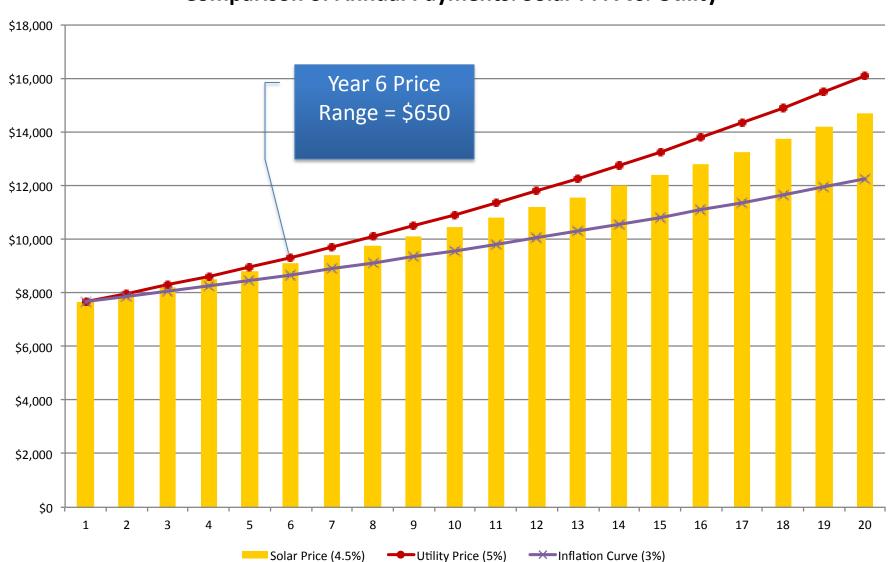
#### <u>Host</u>

- Provides Roof Space
- Net Metering w/ Utility
- Off-takes Energy, RECs
- Can pre-pay, up to six years
- Buyout Equipment ≥ year 7 at fraction of original cost
- Assume remaining debt, if any

# Least Cost Pathway to Ownership

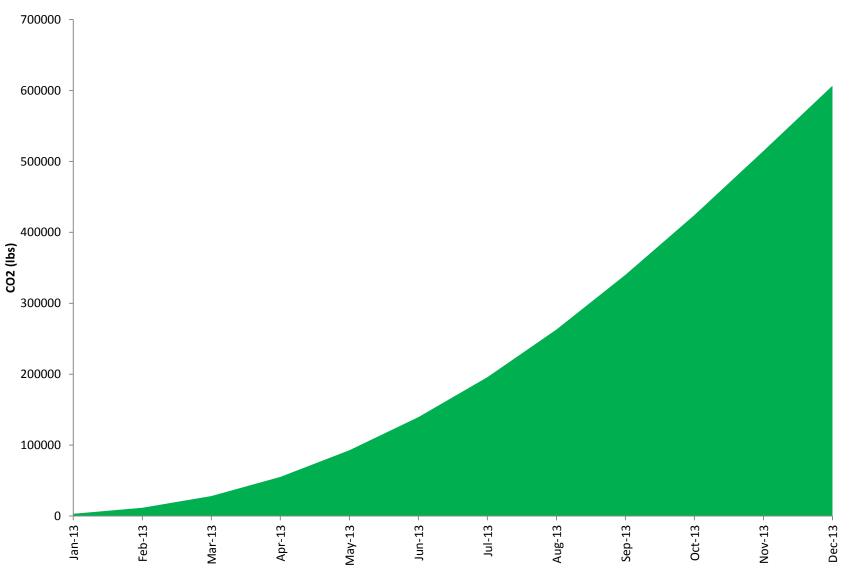
Solar Ownership for Bar Harbor





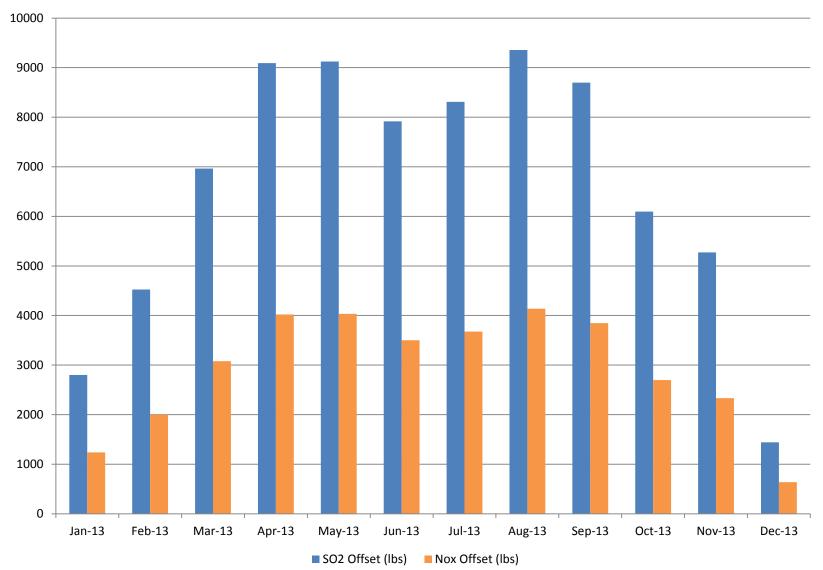
#### **Comparison of Annual Payments: Solar PPA vs. Utility**

Cumulative CO2 Offset (lbs)



Month

#### SO2 & NOx Offset



## When there's a huge olar energy spill, it's just called a 'nice day

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