



REVISION ENERGY

Brandon Mazur

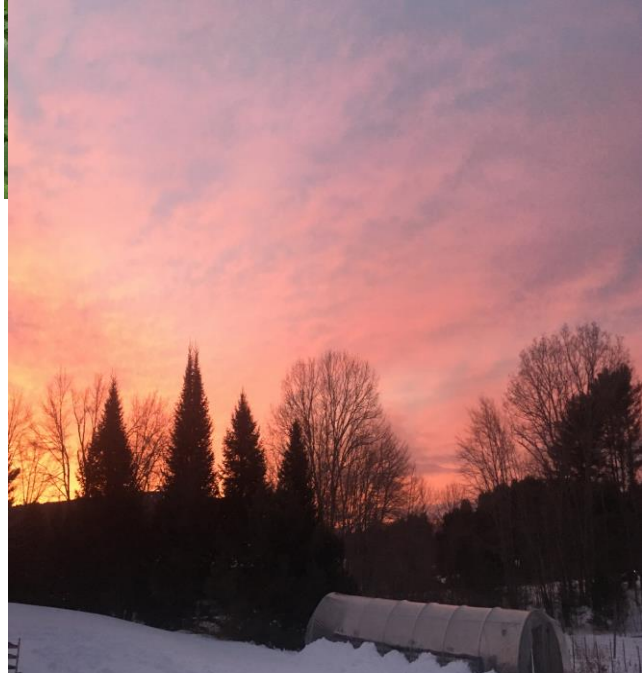
Solar Design Specialist

ReVision Energy

207-589-4171

bmazur@revisionenergy.com

www.ReVisionEnergy.com



250+ Employee Owners



Certified



Corporation

Certified B-Corporation

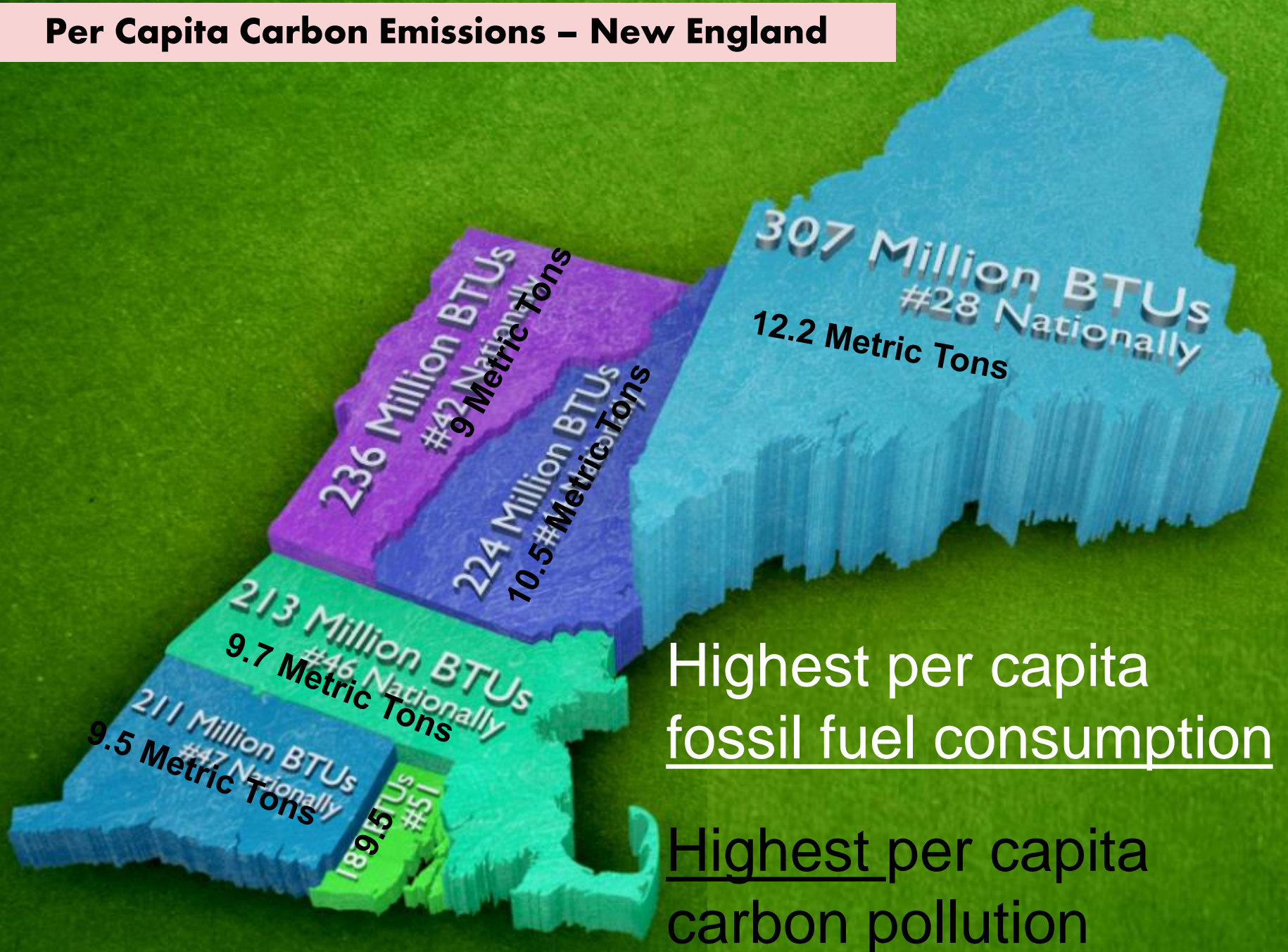
that is best FOR the world

Our Mission

To accelerate and lead the transition to a clean, renewable energy economy in Northern New England.



Per Capita Carbon Emissions – New England



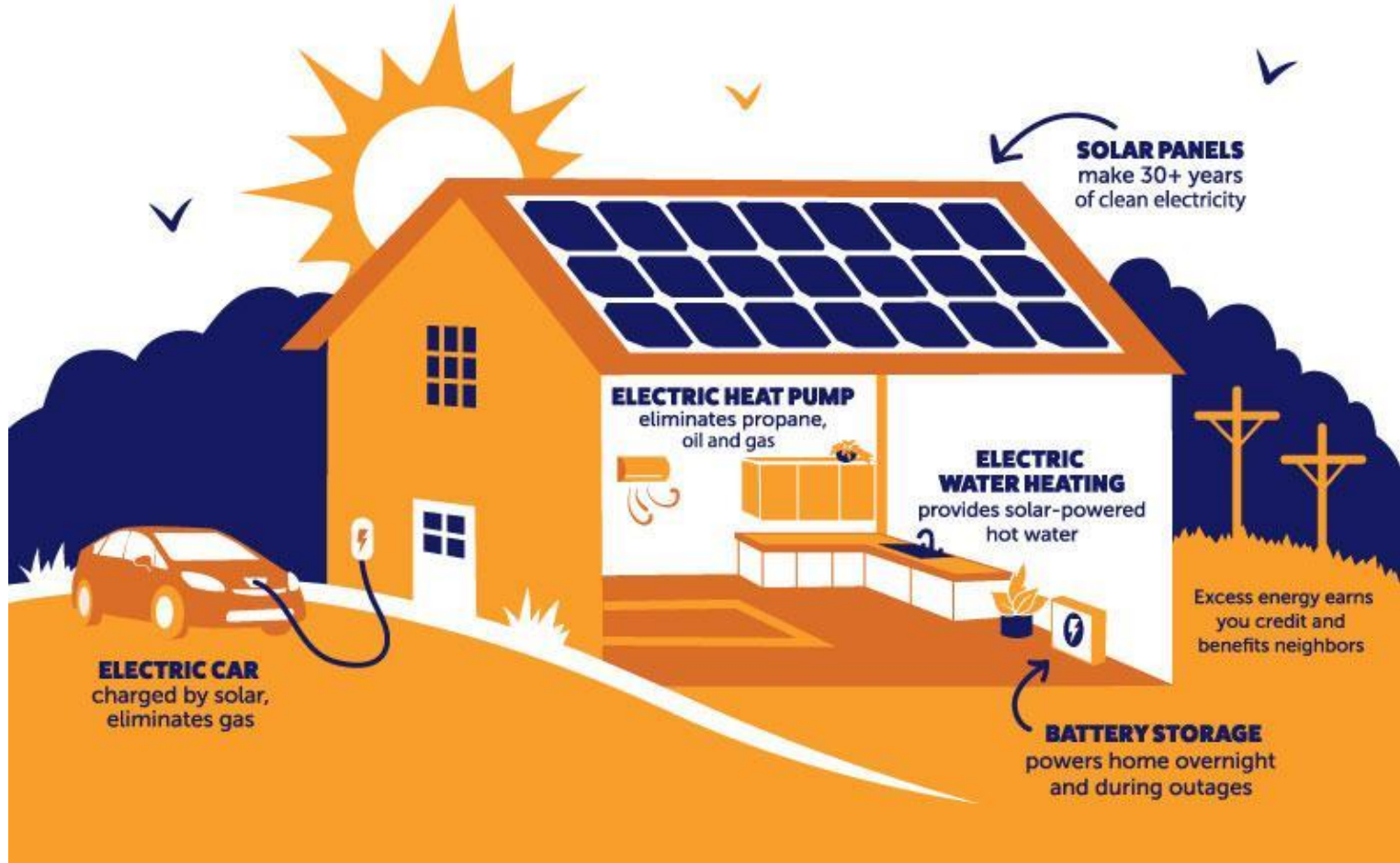
Highest per capita fossil fuel consumption

Highest per capita carbon pollution



The 100% Solar Household

Affordable Technology Replaces Fossil Fuels



Heat Pumps come in all shape and sizes





Typical annual fuel consumption for water heating

Updated 12.10.2015

Number of People	Daily Hot Water Demand (gal.)	Annual Btu Consumption	Electric Water Heater (kWh)	Heat Pump Water Heater (kWh)	On Demand - Electric (kWh)	Oil Boiler with Tankless Coil (gal.)	Oil Boiler with Indirect Tank (gal.)	Direct Fired Tank - Oil (gal.)*	Direct Fired Tank - Propane (gal.)*	Direct Fired Tank - Nat. Gas (therm)*	On Demand - Propane (gal.)	On Demand - Nat. Gas (therm)
1	20	4,292,400	2,121	707	1258	266	212	191	275	247	55	50
2	35	7,511,700	3,064	1,021	2202	297	245	230	330	297	97	88
3	50	10,731,000	4,008	1,336	3145	327	278	268	385	346	139	126
4	65	13,950,300	4,951	1,650	4089	358	311	306	440	396	180	164
5	80	17,169,600	5,895	1,965	5032	389	343	345	495	445	222	202
6	95	20,388,900	6,838	2,279	5976	419	376	383	550	495	264	240

The energy consumption numbers are based on estimates of 'average' components and system efficiencies.

* Indicates an atmospheric tank

Tank Standby Heat Loss = .5 deg/hr

Solar Modules



REVISION ENERGY

Ground Mounts



REVISION ENERGY



TECHNICAL DATA SHEET

A SCREW TIP 1550 / 61"

Model: 1550

Model Number: 1550

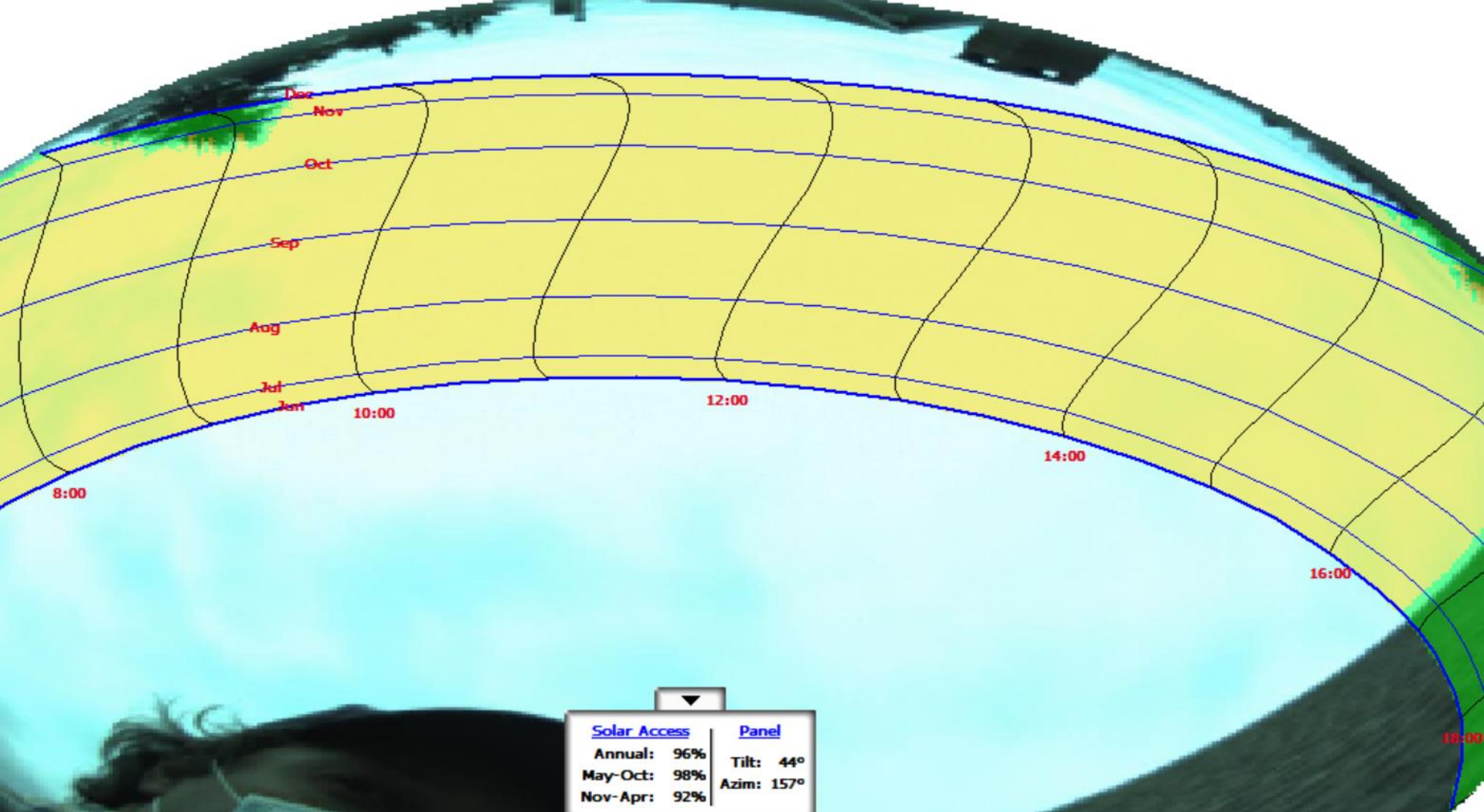
Weight: 1500 kg

Capacity: 1550 kN

Max. Depth: 1550 mm (5' 1" / 16' 10")

Dimensions: 1550 x 1550 x 1550 mm





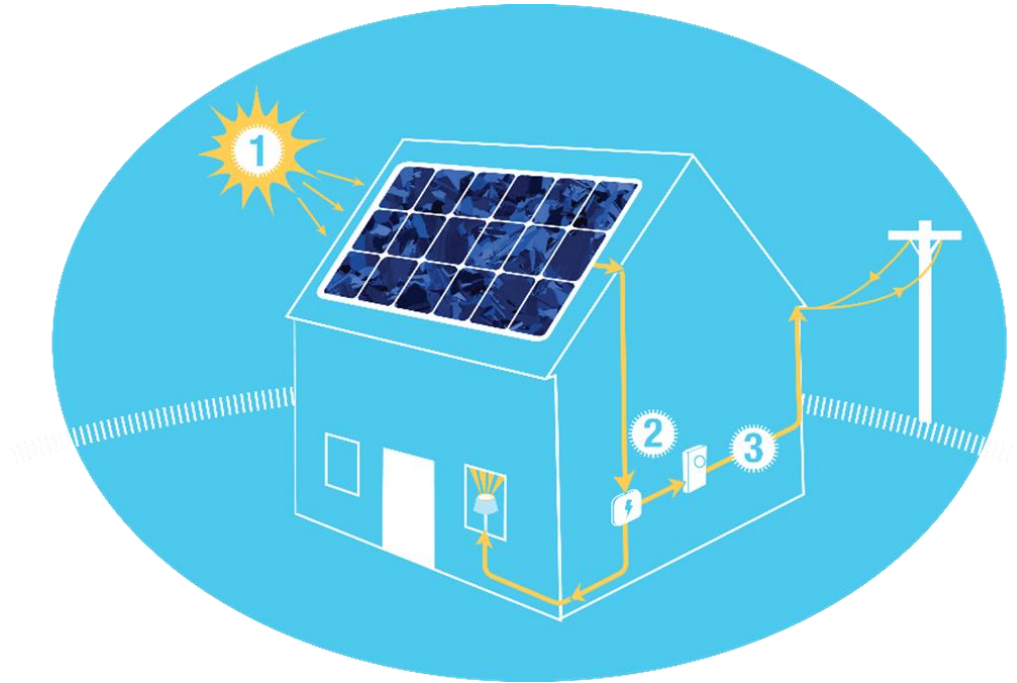
Sun Measurements

A photograph of a large, white, two-story barn with a dark shingled roof. The roof is covered with a grid of solar panels. Two small, white, cupola-like structures are on the roof. The barn has white horizontal siding and two multi-paned windows. In front of the barn are two small white sheds with corrugated metal roofs. The foreground is a grassy area with some blue barrels and a black bag. A large white diamond shape is overlaid on the center of the image, containing the text.

The Renewable Energy Potential

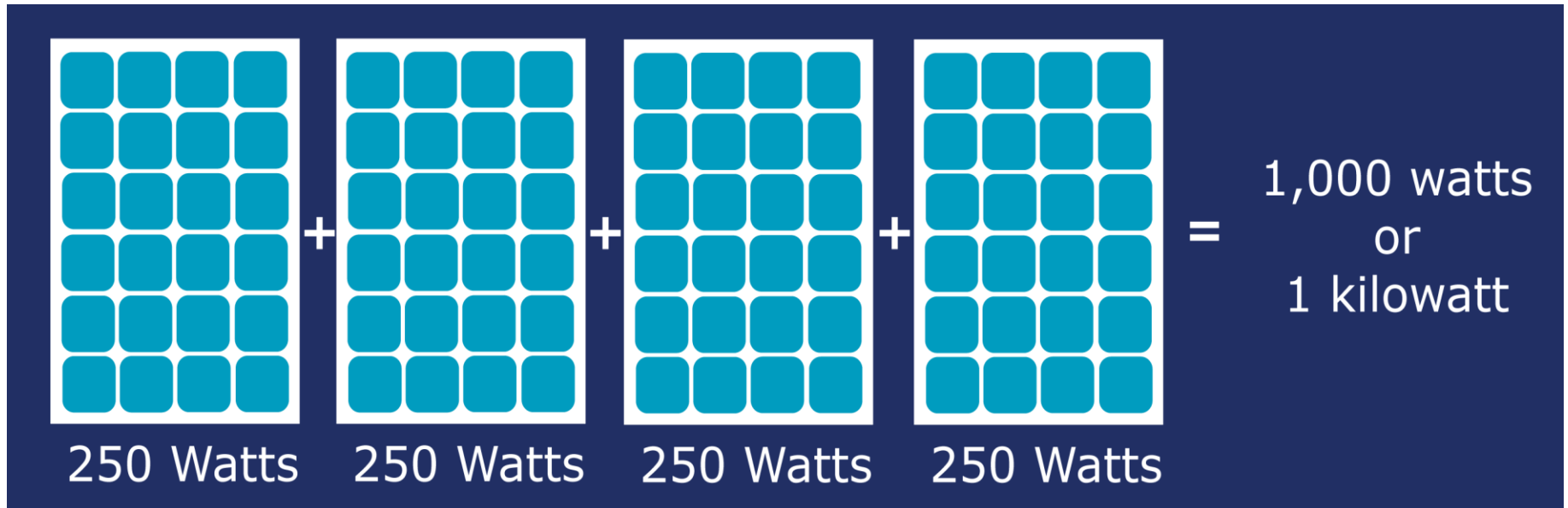
How Solar Energy Works

- Sun hits the solar panels, creating DC electricity
- Solar inverter converts DC power into AC for household needs such as lights, television, computers, etc.
- Excess power is sent to the grid, crediting your monthly bill



REVISION ENERGY

Simple Solar Math



1 kilowatt of solar is about 1,200 kilowatt hours of electricity per year

8,000 kilowatt hours per year = Household average

$8,000 / 1,200 = 6.6$ kilowatts of solar to meet demand



REVISION ENERGY

Your Account Summary

Prior Balance	\$104.52
Payments received through 02/19/2020 - Thank you	-\$104.52
Balance Forward	\$0.00
Electricity Delivery Central Maine Power	+\$44.81
Electricity Supply Standard Offer	+\$47.81
Please pay by 03/17/2020	\$92.62

Your Central Maine Power Delivery Service Account Detail

Prior Balance for Central Maine Power Delivery

Payments received - Thank you

Balance Forward

Delivery Charges

Delivery Charges: Residential (01/18/2020 - 02/18/2020)

Delivery Service:

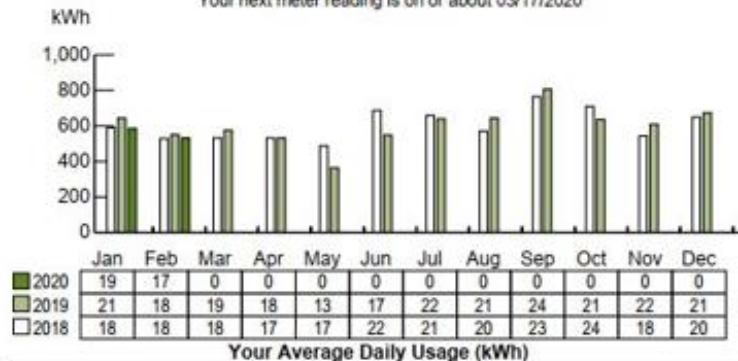
532 KWH
Up to 50 KWH @\$12.46
482 KWH @\$0.067109

Total Current Delivery Charges

Central Maine Power Account Balance

Your Monthly Usage Summary(kWh)

Your next meter reading is on or about 03/17/2020



Prior Balance for Standard Offer electricity

Payments received - Thank you

Balance Forward

New Supply Charges

Residential Service : (01/18/2020 - 02/18/2020)

Energy Charge

Maine Green Power 1 Block

Total New Supply Charges

532 KWH @\$0.073037

Standard Offer Service Account Balance



REVISION ENERGY

Details (kWh)

ation	Billing Period	Usage	Generation	Banked Generation	Unused Credits E
	08/10/19-09/11/19	181	350	575	0
	09/12/19-10/09/19	202	236	609	0
	10/10/19-11/07/19	390	140	359	0
	11/08/19-12/10/19	1,032	60	0	0
	12/11/19-01/10/20	1,072	26	0	0
	01/11/20-02/10/20	913	44	0	0
	02/11/20-03/10/20	749	141	0	0
	03/11/20-04/12/20	1,018	108	0	0
	04/13/20-05/11/20	540	194	0	0
	05/12/20-06/09/20	215	325	110	0
	06/10/20-07/10/20	273	226	63	0
	07/11/20-08/11/20	247	257	73	0

Store your Power



REVISION ENERGY

Tesla Powerwall

- 13.5 kWh
- 5000 watts continuous power capacity
- 7000 watts 10 sec power capacity
- each unit requires 7' x 38" x 36" and weighs 269 lbs



REVISION ENERGY

Shared Ownership Community Solar



REVISION ENERGY

Community Solar Farms

Solar farms offer a triple win for Maine's economy – an economic opportunity for:

- **Local landowners and farmers**
- **Land developers and their workers**
- **The recipients of solar power who will be able to enjoy decades of competitively priced, clean energy**



Community solar = inclusive solar

For CMP or Versant Utility customers who:

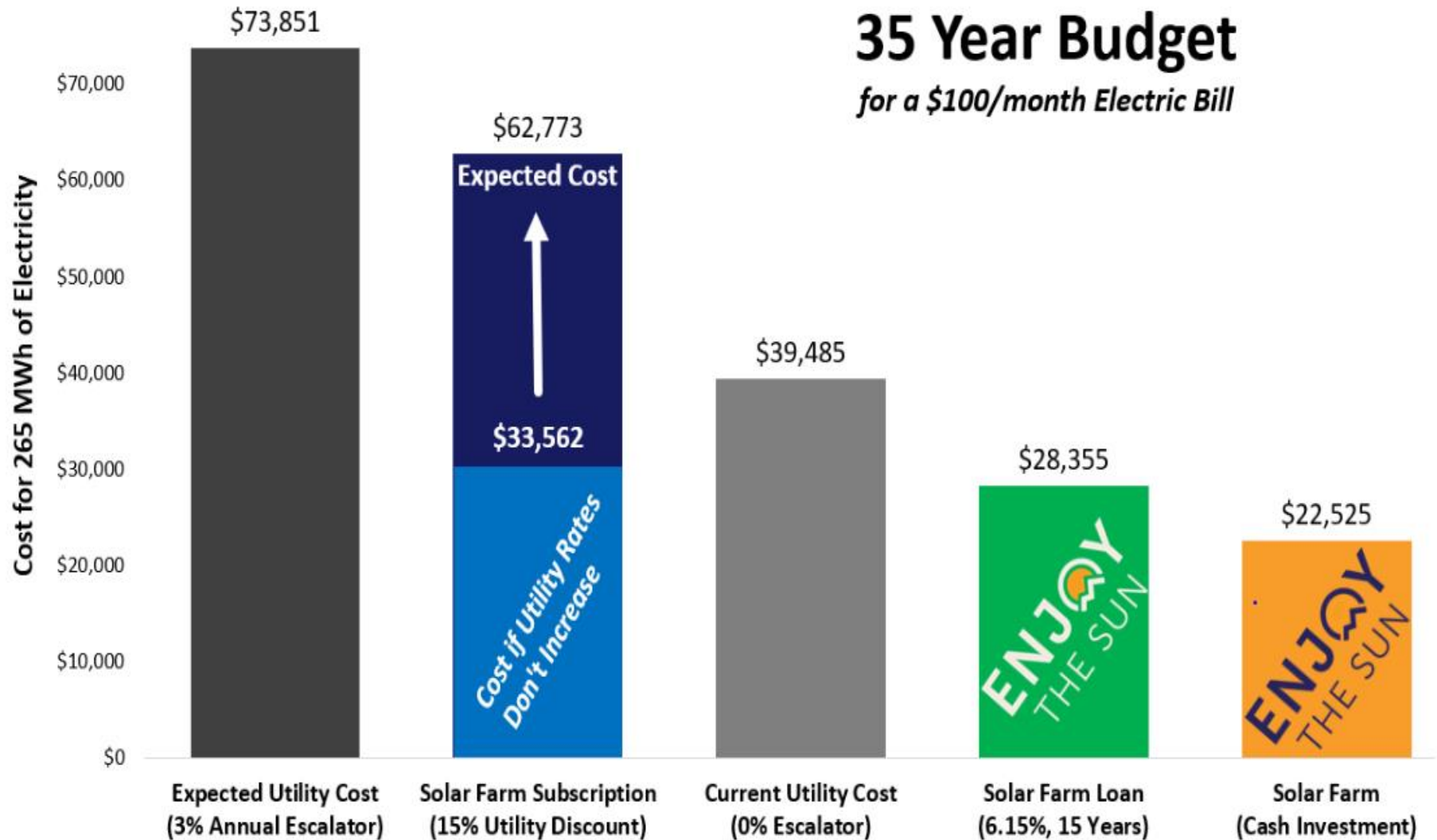
- Are Renters or Condo owners
- Have shaded or obstructed roofs
- Are planning to move in next few years
- Have aesthetic objections to rooftop solar
- With roofs requiring structural issues
- Need more solar production than roof space can provide



REVISION ENERGY

35 Year Budget

for a \$100/month Electric Bill



Community Solar Farms

	Owning Solar (our offering)	Solar Subscription (others)
Anyone in Maine can join	YES!	YES!
Upfront Investment	Purchase – financing available	Usually nothing
Who takes tax credit	You do!	Developer does
Who benefits from RECs	You do!	Developer does
Price Fluctuation	No, model price locked in	Yes, rate varies based on going grid costs
Portability	Share moves w/ you or can be sold	Can unsubscribe anytime
Maintenance	Covered in subscription fee	Covered in O&M agreement
Built by Maine Company	YES!	Possibly
Customer Support	From a ME based employee-owner	Someone likely out of state
25yr cost of electricity	10-cents or less (fixed price)	13-cents or more (subject to rise)

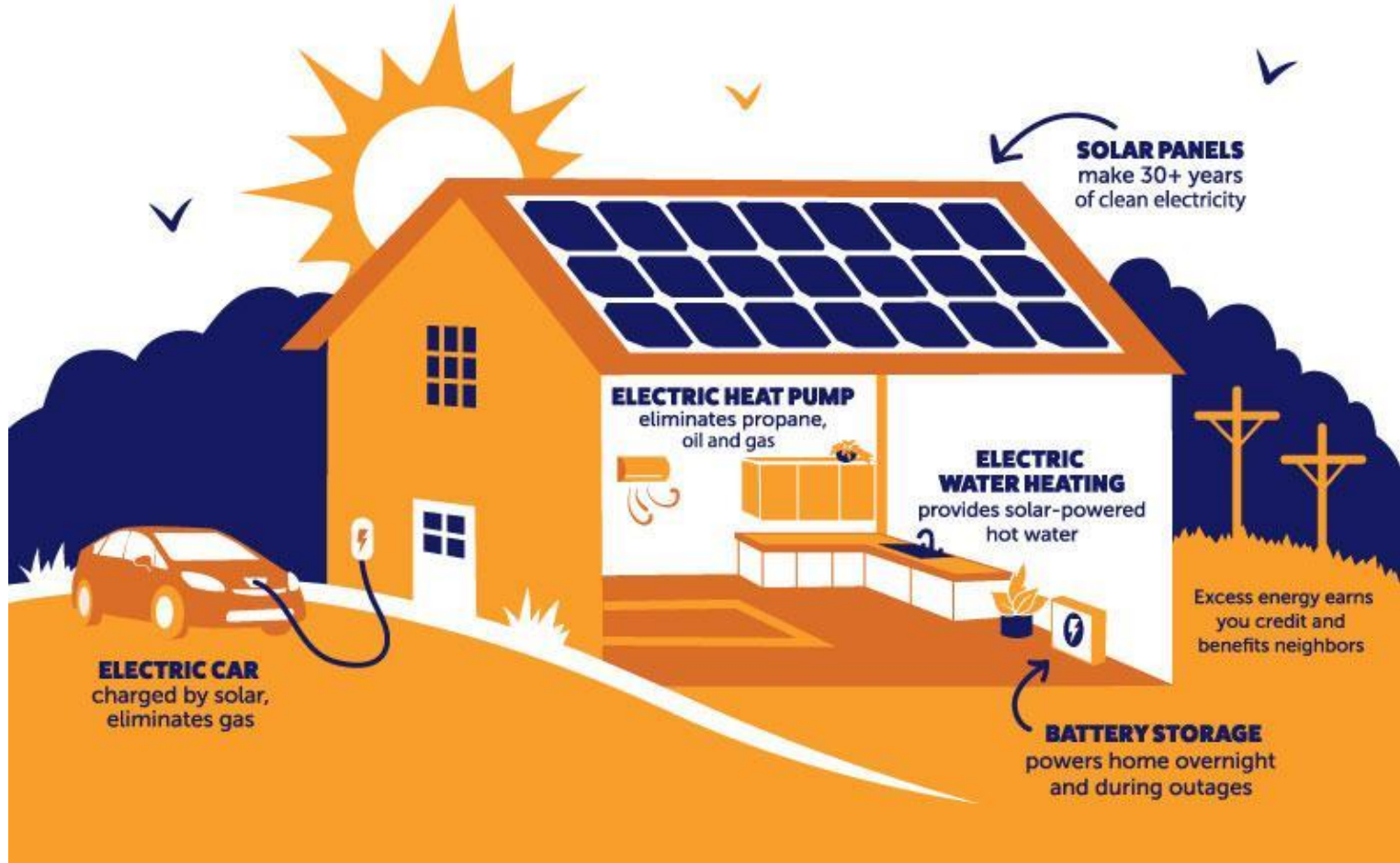


REVISION ENERGY



The 100% Solar Household

Affordable Technology Replaces Fossil Fuels





**REVISION
ENERGY**