REVISION ENERGY

10/7/2020

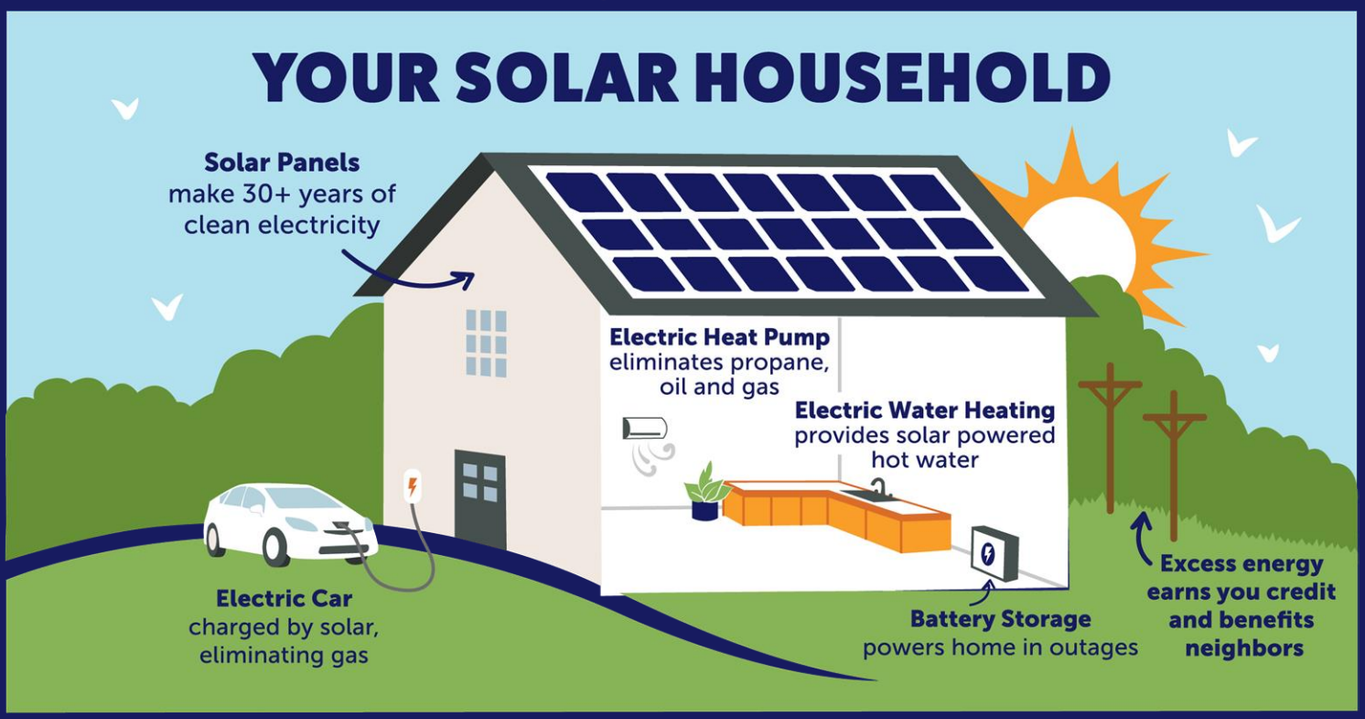
Designed for:

Jesse and Jalim Ritch
1 Goldenwood Drive
Scarborough, ME 04074

This company meets the highest standards of social and environmental impact

Certified B Corporation

Combination Project Discount of $ 500 Included



Clean Energy Technologies Included in this Proposal

NABCEP CERTIFIED PV Installation Professional

MITSUBISHI ELECTRIC COOLING & HEATING Live Better

DIAMOND CONTRACTOR ELITE

U.S. GREEN BUILDING COUNCIL MEMBER

AMICUS Certified Member STRONGER TOGETHER.

TESLA POWERWALL CERTIFIED INSTALLER

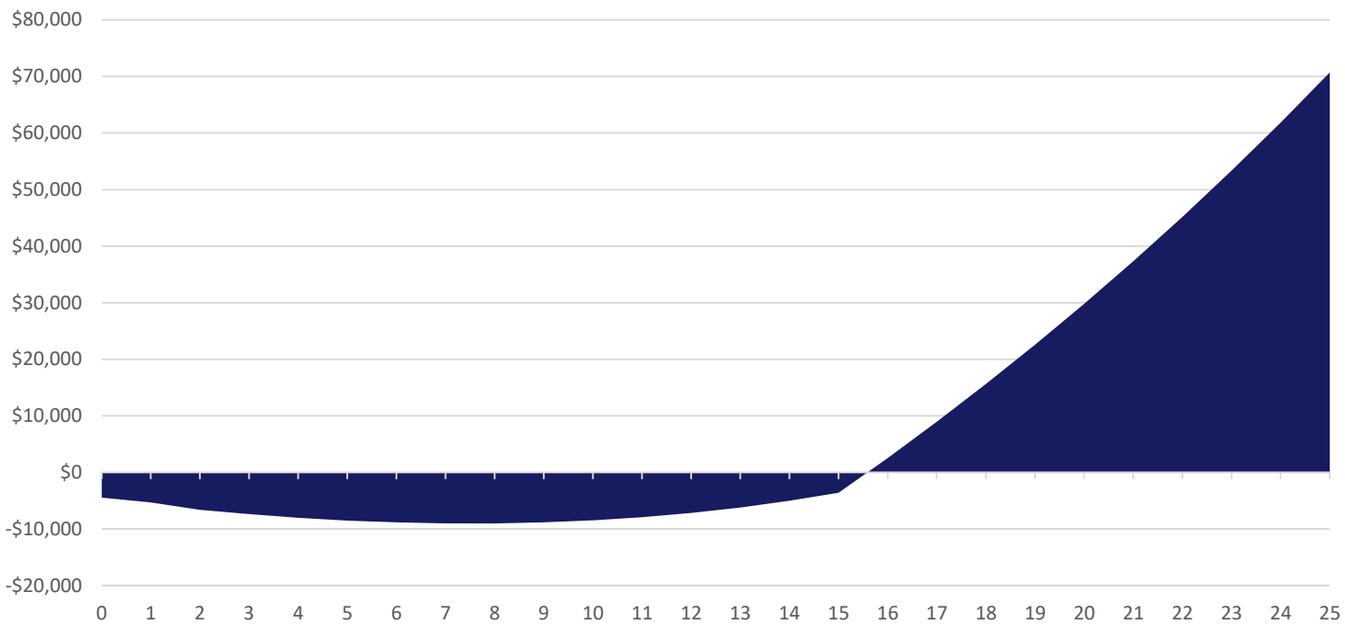
PRE-SCREENED 2020 SolarReviews SOLAR PRO

ENJOY THE SUN

Your Combined Project Economics

		Solar Farm	Heat Pump	Water Heater	Battery	EV	Total
Project Term (years)	-	25	25	25	-	-	
Payment Method	**-**	**Loan**	**Loan**	**Loan**	**-**	**-**	
Loan Term (years)	-	15	15	15	-	-	
Net Cumulative Investment	$ -	$ 56,081	$ 20,907	$ 6,323	$ -	$ -	**$ 83,311**
Avoided Energy Costs	$ -	$ 98,342	$ 61,434	$ 34,159	$ -	$ -	**$ 193,935**

Combined Project 25 Year Cash Flow

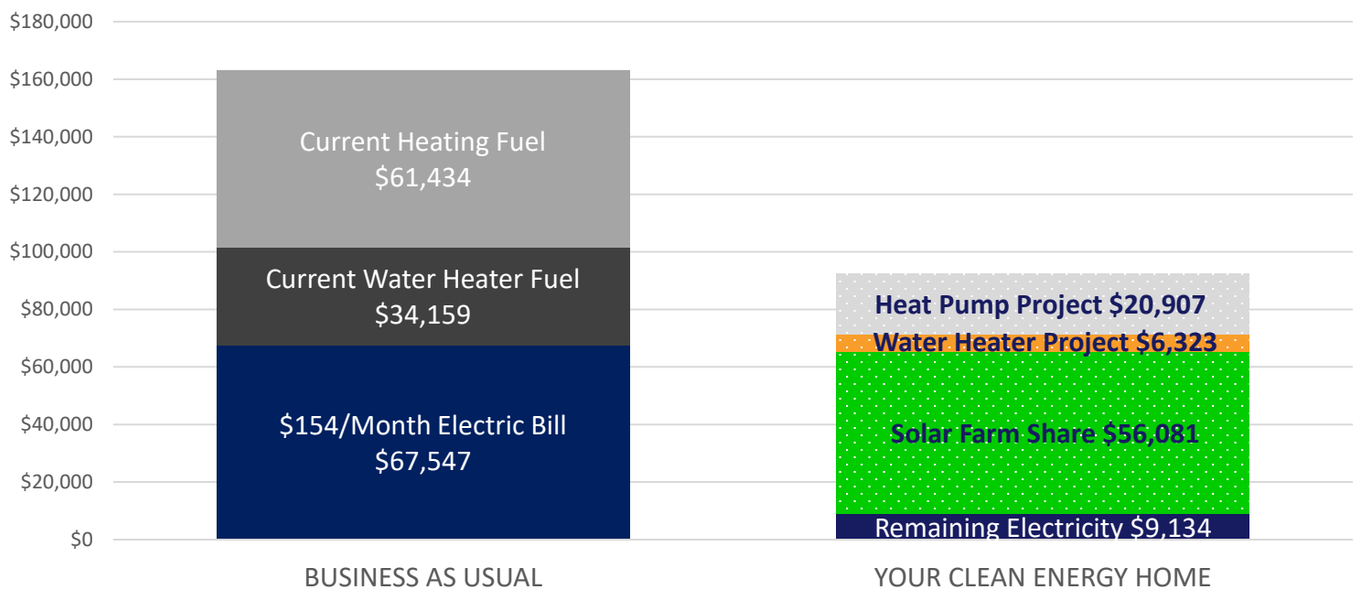


Monthly Cash Flow									Annual
Year	Solar Loan	CSF Loan	Heat Pump Loan	H2O Heater Loan	Grid Electricity	Total Costs	Avoided Costs	Monthly Net Savings	Net Savings
1	$ -	$ 338	$ 115	$ 34	$ 5	$ 492	$ 321	$ (170)	$ (897)
2	$ -	$ 255	$ 115	$ 34	$ 7	$ 411	$ 334	$ (76)	$ (1,268)
3	$ -	$ 228	$ 115	$ 34	$ 8	$ 385	$ 348	$ (37)	$ (793)
4	$ -	$ 228	$ 115	$ 34	$ 10	$ 386	$ 362	$ (24)	$ (642)
5	$ -	$ 228	$ 115	$ 34	$ 11	$ 388	$ 377	$ (11)	$ (485)
6	$ -	$ 228	$ 115	$ 34	$ 13	$ 389	$ 392	$ 3	$ (330)
7	$ -	$ 228	$ 115	$ 34	$ 15	$ 391	$ 408	$ 17	$ (168)
8	$ -	$ 228	$ 115	$ 34	$ 17	$ 393	$ 425	$ 32	$ 1
9	$ -	$ 228	$ 115	$ 34	$ 19	$ 395	$ 442	$ 47	$ 177
10	$ -	$ 228	$ 115	$ 34	$ 21	$ 397	$ 460	$ 63	$ 361
11	$ -	$ 228	$ 115	$ 34	$ 23	$ 399	$ 479	$ 80	$ 553
12	$ -	$ 228	$ 115	$ 34	$ 25	$ 402	$ 499	$ 98	$ 753
13	$ -	$ 228	$ 115	$ 34	$ 28	$ 404	$ 520	$ 116	$ 962
14	$ -	$ 228	$ 115	$ 34	$ 30	$ 406	$ 541	$ 135	$ 1,181
15	$ -	$ 228	$ 115	$ 34	$ 33	$ 409	$ 564	$ 155	$ 1,409
16	$ -	$ -	$ -	$ -	$ 35	$ 35	$ 588	$ 552	$ 6,165
17	$ -	$ -	$ -	$ -	$ 38	$ 38	$ 612	$ 574	$ 6,414
18	$ -	$ -	$ -	$ -	$ 41	$ 41	$ 638	$ 597	$ 6,674
19	$ -	$ -	$ -	$ -	$ 44	$ 44	$ 665	$ 620	$ 6,946
20	$ -	$ -	$ -	$ -	$ 48	$ 48	$ 692	$ 645	$ 7,230
21	$ -	$ -	$ -	$ -	$ 51	$ 51	$ 722	$ 671	$ 7,527
22	$ -	$ -	$ -	$ -	$ 54	$ 54	$ 752	$ 698	$ 7,837
23	$ -	$ -	$ -	$ -	$ 58	$ 58	$ 784	$ 726	$ 8,162
24	$ -	$ -	$ -	$ -	$ 62	$ 62	$ 817	$ 755	$ 8,501
25	$ -	$ -	$ -	$ -	$ 66	$ 66	$ 852	$ 786	$ 8,856

Your Clean Energy Home Economics

	Heat Pump	Water Heater	Battery	EV	Total
Project Term (years)	- 25	25	-	-	
Payment Method	- **Loan**	**Loan**	-	-	
Upfront Project Cost	$ -	$ 14,470	$ 4,960	$ -	$ -	**$ 61,530**
Net Cumulative Investment	$ -	$ 20,907	$ 6,323	$ -	$ -	**$ 83,311**
Avoided Energy Costs	$ -	$ 61,434	$ 34,159	$ -	$ -	**$ 193,935**

Total Cost Comparison Over Project Term



Current Energy Costs				*Future* Energy Costs		*Future* Energy Costs	
Business As Usual				**Business As Usual**		**with Clean Energy Transition**	
Monthly	**$ 321**	***will average ->***		**$ 544**		**$ 30**	*Monthly*
				average over project term		*average over project term*	
Electricity	$ 154	*3%*		$ 225		$ 30	Electricity
Heat	$ 107	*5%*		$ 205		$ -	Heat
Hot Water	$ 60	*5%*		$ 114		$ -	Hot Water
		with estimated annual energy price escalators				*with price escalators and solar degradation*	

These costs reflect your current and future estimated electricity, heat, and hot water costs. **Your electric utilities monthly connection fee is not included in either scenario (it is a baseline charge).** The heating costs shown in the "Business as Usual" scenario are based on the existing primary heating system used to heat the area that will instead be conditioned by heat pump(s). These numbers are calculated based on square footage of the area to be conditioned and the assumed insulation of the building envelope. **Heating costs for other areas of your home are not shown in either the "Business as Usual" or after Your Clean Energy Transition.**

Get The Project Started

Please notify your Design Specialist know if you would like to use the Cash or Loan option for each technology. We will email you a contract based on those choices for simple e-signature. Once we receive your signed contract, deposit and/or financing confirmation you will be in our installation queue.

Designed For: Jesse and Jalim Ritch *Proposed: 10/7/2020*

Your Heat Pump System

Finance

Loan Product - VSECU: 15y, 6.15% No Paydown

System Cost	$	14,470
State Incentives	$	750
Down Payment	$	1,000
Monthly Payment	$	115

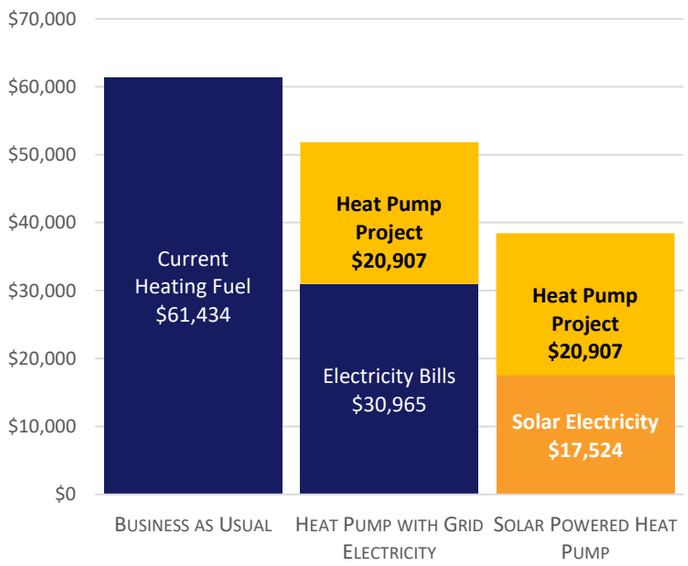
Final interest rate will be based on credit score

Cash

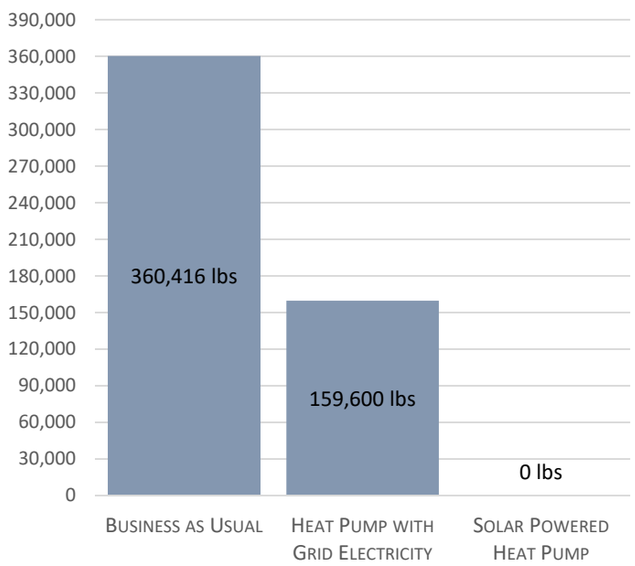
System Cost	$	14,470
State Incentives	$	750
Net Cost	$	13,720

Pricing expires 30 days from proposal date

Heat Pump Cost Comparison



Carbon Emissions over Project Term



Graphs illustrate ***Loan*** *payment method and energy comparison for area to be heated by heat pump only*

Air-source heat pumps allow you to shift your current heating fuel costs to increased electricity consumption. During the summer they also provide air conditioning at twice the efficiency of the best window units on the market. Pair your heat pumps with solar for even greater savings, carbon reductions, and local economic benefits.

Major System Components

Mitsubishi H2i Multi-Zone Outdoor Unit - 30,000 BTU/hr (MXZ-3C30NAHZ2)
Mitsubishi wall-mounted ductless indoor unit - 15,000 BTU/hr (MSZ-FH15NA)
Mitsubishi wall-mounted ductless indoor unit - 9,000 BTU/hr (MSZ-FH12NA)
Mitsubishi wall-mounted ductless indoor unit - 9,000 BTU/hr (MSZ-FH09NA)
(3) Kumo Cloud Smart Phone wireless adaptors
(2) Remote temperature and humidity sensors
(1) Electrical Subpanel

Warranties

Mitsubishi offers a 12 year parts warranty for residential installations

In addition to servicing all manufacturer's warranties for you, ReVision Energy provides:
3 year warranty for defects in labor and workmanship

MITSUBISHI ELECTRIC COOLING & HEATING *Live Better*

DIAMOND™ CONTRACTOR ELITE

Mitsubishi Electric Cooling & Heating - MXZ System Design Tool

ODUs	
ODU	MXZ_3C30NAHZ2 <Select ODU First, Then IDUs Below>
IDU Type	Non-Ducted
Cooling Capacity	28,400
Heating Capacity	28,600
Minimum IDUs	2
Maximum IDUs	3

IDUs					Capacity (BTU)			Length
	Room Number / Area	Model	Rated BTUs	Rated Heat	Cooling	Heating	Notes	to IDU
1	Living Room / Kitchen	MSZ-FH15	15,000	18,000	13,686	11,847	Wall Mount	20
2	3rd Floor Bedroom	MSZ-FH09	9,000	10,900	8,743	7,240	Wall Mount	35
3	Garage Bonus room	MSZ-FH09	9,000	10,900	8,613	7,217	Wall Mount	50
Total Capacity			33,000	39,800	31,041	26,303		
% of Capacity			110%	139%	109%	92%		

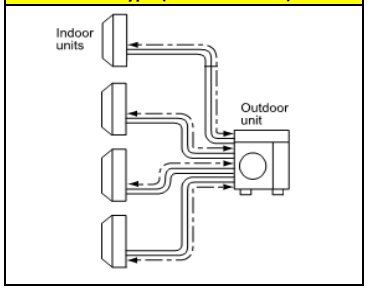
ALLOWABLE CONFIGURATION

ALLOWABLE LINE LENGTH

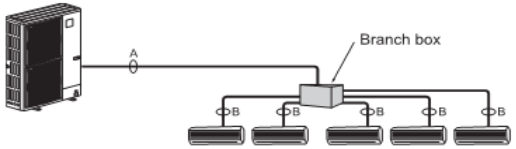
Design Criteria		Capacity Reduction Cooling	Capacity Reduction Heating
Heat Design Temp (°F)	0	-	0.97
Cool Design Temp (°F)	90	1.10	-
Equiv. Pipe Length (ft)	50	*per IDU*	*per IDU*
Defrost Correction		-	0.95
Total Derate		**1.10**	**0.92**

Refrigerant Charge		
Component	Lb.	Oz.
Outdoor Unit Charge	8	13
Additional Refrigerant	0	2
Piping to BB	0	0
Piping to IDU	0	2
Indoor Units	0	0
Total Charge	**8**	**15**

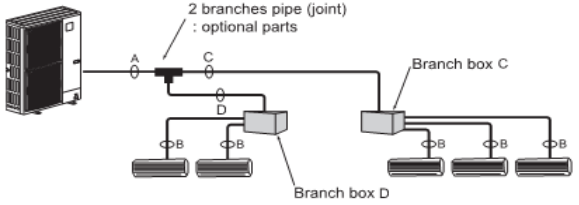
Port Type (No Branch Box)



■ If Using One Branch Box
Flare connection employed (No brazing)



■ If Using Two Branch Boxes



*Please fill in light green fields with project information. SELECT THE OUTDOOR UNIT (ODU) FIRST, then select indoor units (IDUs).

** The MXZ System Design Tool is a best guess estimate of indoor unit capacity based on design temperature, line length and connected units.

Designed For: Jesse and Jalim Ritch *Proposed: 10/7/2020*

Your Water Heating System

Finance

Loan Product - VSECU: 15y, 6.15% No Paydown

System Cost	**$ 4,960**
State Incentives	**$ 750**
Down Payment	**$ 1,000**
Monthly Payment	**$ 34**

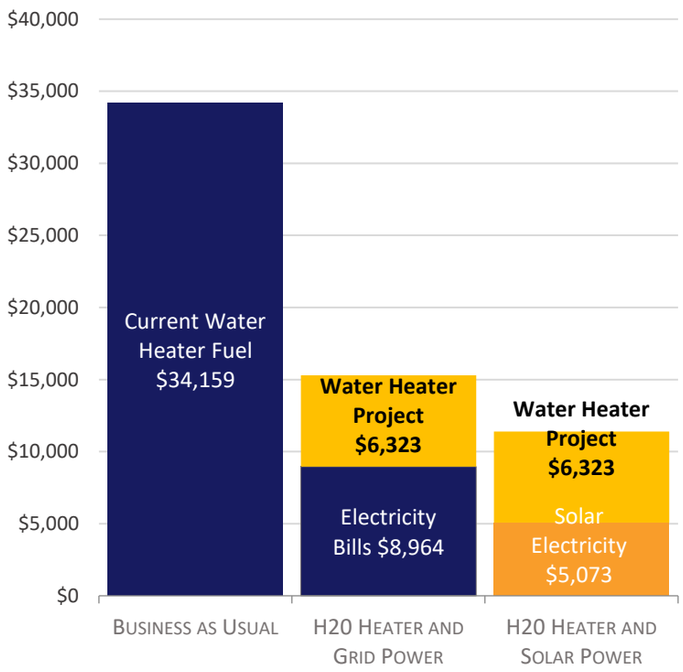
Final interest rate will be based on credit score

Cash

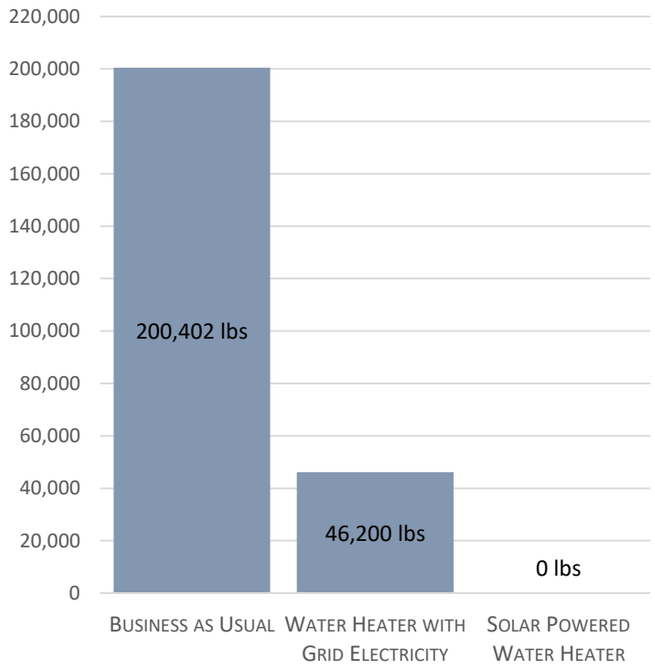
System Cost	**$ 4,960**
State Incentives	**$ 750**
Net Cost	**$ 4,210**

Pricing expires 30 days from proposal date

Water Heater Cost Comparison



Carbon Emissions over Project Term



Graphs illustrate ***Loan*** *payment method for water heater project*

Efficient electric hot water systems by ReVision Energy will shift your hot water costs from your existing fuel to increased electricity consumption. Pair your water heater with solar for even greater savings and carbon reductions.

Major System Components

Stiebel Eltron Accelera 300E heat pump water heater
Caleffi 3/4 inch Pro-Press Mixing Valve With Temp Gauge And Check Valves
Fuelsmart Hydrostat 3250-Plus for Cold-Starting Boiler and 10% Oil Savings

Warranties

Stiebel Eltron provides a 10 year warranty on the heat pump water heater

In addition to servicing all manufacturer's warranties for you, ReVision Energy provides:
1 year warranty for defects in labor and workmanship

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Your 16 kW Solar Farm Share

Will reduce your current electric bills by about $240 per month

Finance

Loan Product - VSECU: 15y, 6.15% With Paydown

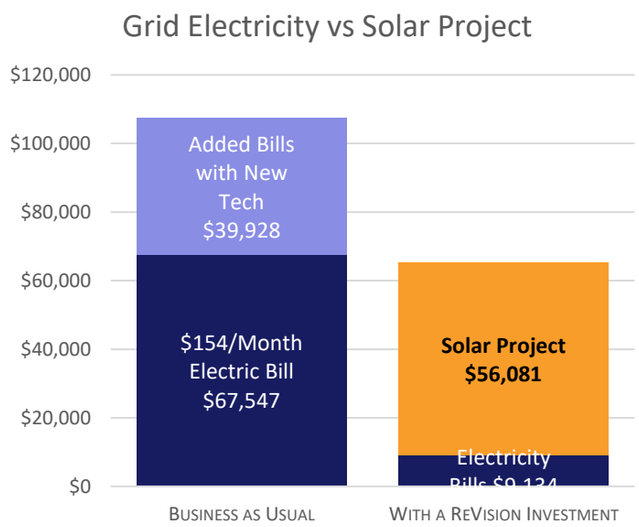
	System Cost	**$ 42,100**
22%	**Federal Tax Credit**	**$ 9,262** *(Paydown)*
	Down Payment	**$ 2,430**
	Loan Payment for 15 Months	**$ 338**
	Loan Payments after Paydown	**$ 228**

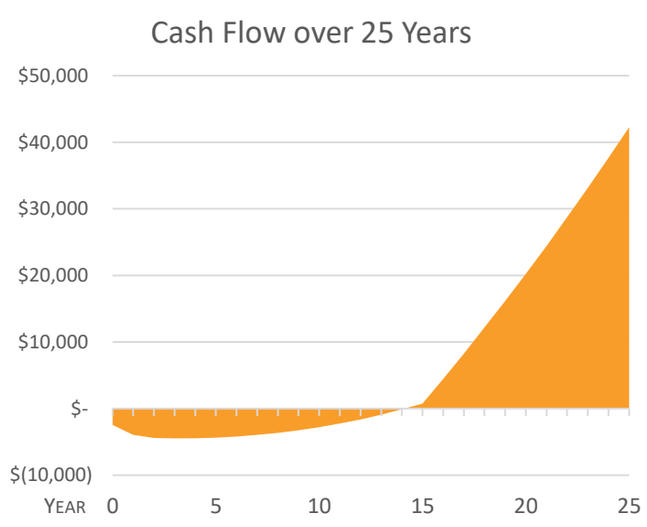
Final interest rate will be based on credit score

Cash

	System Cost	**$ 42,100**
22%	**Federal Tax Credit**	**$ 9,262**
	Net Cost	**$ 32,838**

Pricing expires 30 days from proposal date



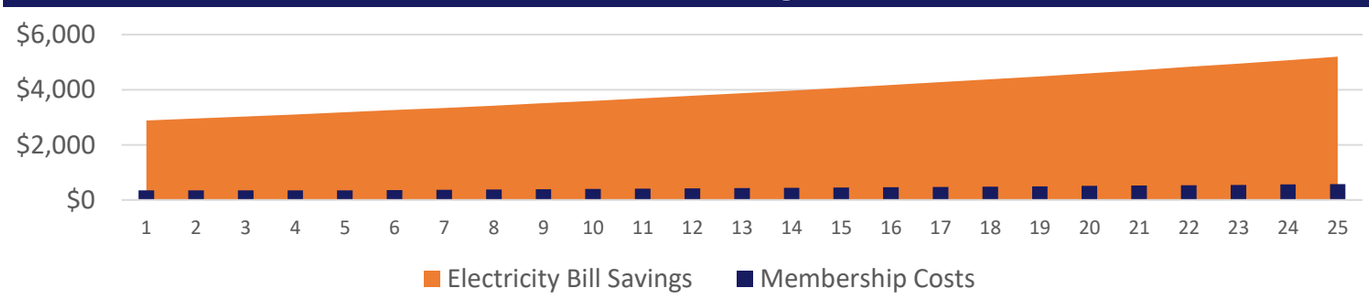


Graphs and solar electricity rates illustrating ***Loan*** *payment method after federal tax credit*
Including $10,977 in total solar farm membership costs

Electricity Rate from the Grid Today	$ 0.149	**Your 25 year Solar Electricity Rate**	**$ 0.123**
Electricity Rate from the Grid in 25 years	$ 0.303	**Your 35 year Solar Electricity Rate**	**$ 0.101**

Your solar electricity rate is the equivalent price you are paying by investing in your own clean electricity supply for the 25+ year expected life of the system, instead of continuing to rent your electricity from the utility.

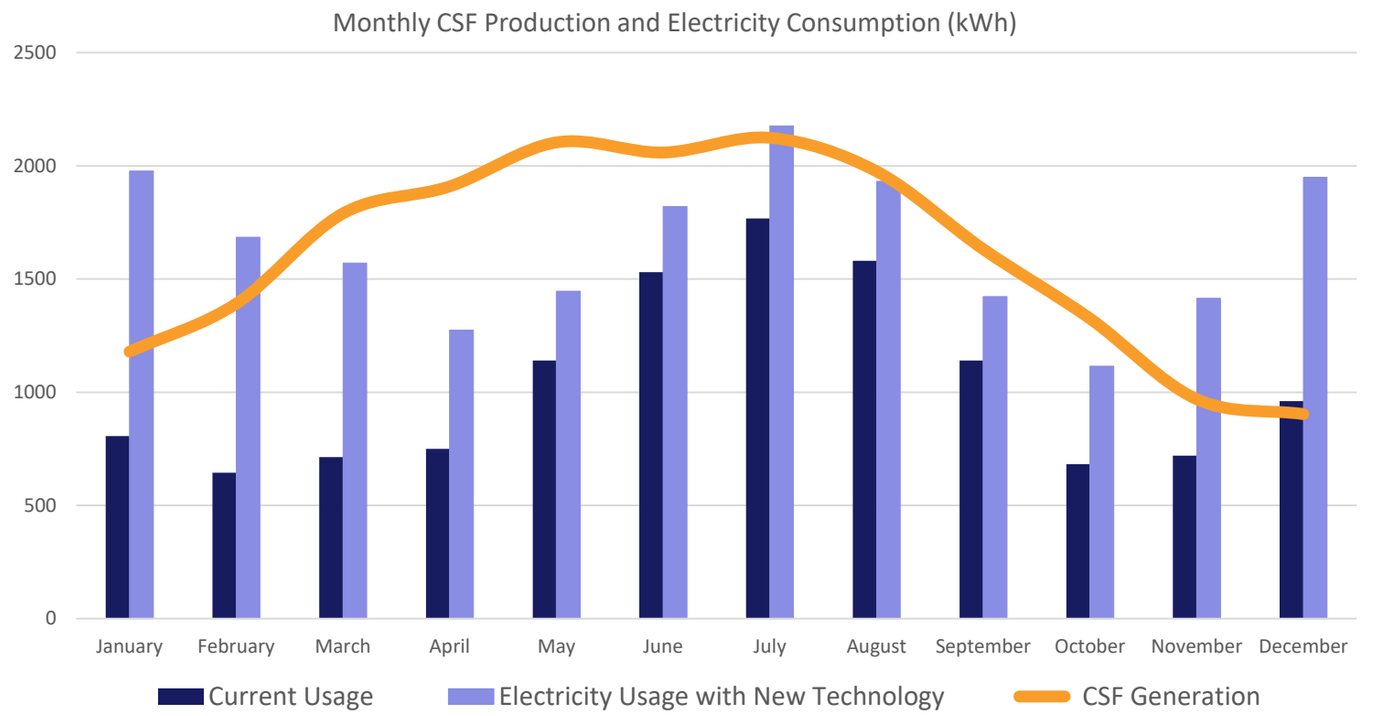
Annual Solar Farm Savings and Costs



	Years 1 - 5	Years 6 - 10	Years 11 - 25	Years 25 - 35	*(if members extend lease)*
	fixed	*includes 2.5% escalator*	*(estimated to continue with 2.5% increase annually)*		
Avg. Annual Costs	**$ 352**	**$ 379**	**$ 488**	**$ 662**	

Your 16 kW Solar Farm Share

Estimated to produce 19,360 kWh of clean electricity annually



Business As Usual (The Cost of Doing Nothing)

Monthly Electricity Bill (average)	$154	Average Annual Rate Increase	3%
Current Annual Electricity Cost	$1,853	Total Electricity Cost over 25 Years	$67,547

Your Community Solar Farm Share

CSF Share Size (kW)	16.0	Existing Electricity Load Covered By CSF Share	156%
Estimated Annual Production (kWh)	19,360	Electricity Load with New Tech Covered By CSF	98%
Current Electricity Usage (kWh)	12,434	**Total Value of Solar Energy Over 25 Years**	$98,342

Solar Loan Option

Loan Product - VSECU: 15y, 6.15% With Paydown

Total Loan Amount	$39,670	Monthly Loan Payment	$338
Down Payment	$2,430	Loan Payment after Paydown	$228
Federal Income Tax Credit	$9,262	15 Month Paydown Target	$9,262
		Monthly Value of Solar over Loan (average)	$287
		Monthly Net Cost to Go Solar (average)	-$4

Your Solar Investment

Upfront Total Project Cost	$42,100	Chosen CSF Payment Option	Loan
Federal Tax Credit	-$9,262	Years Until Cashflow Positive	3.0
Total 25 Year Membership Costs	$10,977	25 Year Return on Investment (ROI)	75%
Total Cost to Finance	$12,267	25 Year Average Annual ROI	3.0%
Your Net Solar Investment	$56,081	**Total Net Savings After 25 Years**	$42,260

Environmental Benefits

Annual CO_2 Offset = 20,386 pounds

Equivalent Miles *Not* Driven = 14,134 annually

Making your emissions **92%** less than average New Englanders