

EMPTION
PVT
WAY

VA

925
GE
AN-YOU

POWERS
FARM & BREWERY









Our Setup

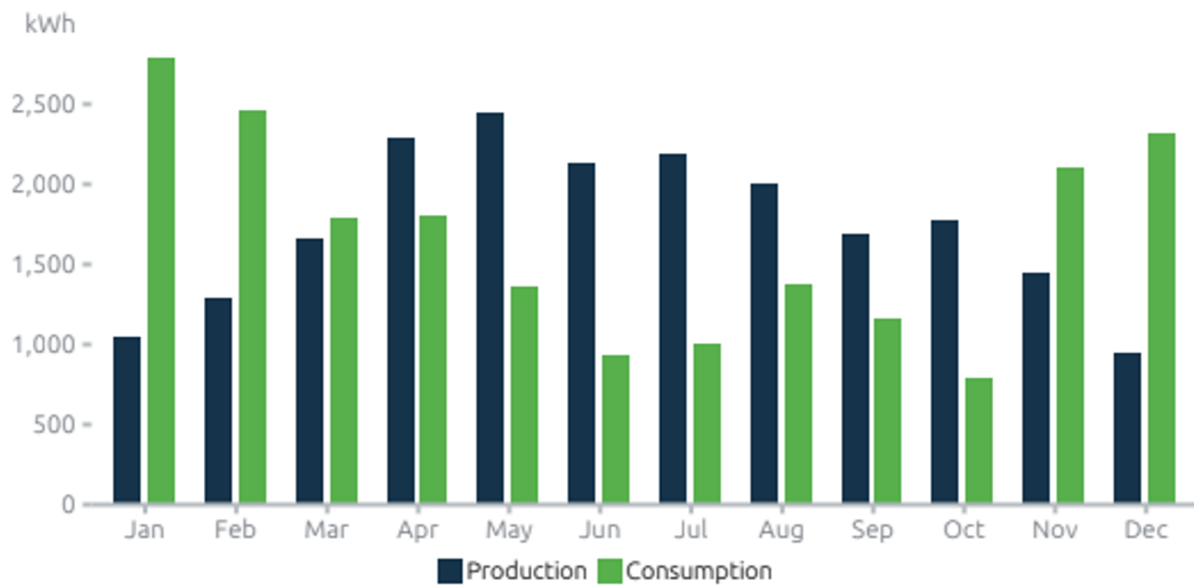
22.4 kW, half rooftop, half pedestal (~19kW A/C)

- Would have preferred 100% rooftop
- Metal roof – did full weather sealing before install (~16' x 44' each)
- Installed by Virtue Solar

Net Metering (Dominion)

- Requires dedicated ag-use meter
- Literally nets in real time
- Cannot become a generator

Production and Consumption



1/2"	8.0
3/4"	10.0
1"	12.0
1 1/4"	15.0
1 1/2"	18.0
2"	24.0
2 1/2"	30.0
3"	36.0
3 1/2"	42.0
4"	48.0
4 1/2"	54.0
5"	60.0

Seal and Insulate with ENERGY STAR

R MAX

THERMASHEAT® -3



INSULATION PROPERTIES

1/2"	0.22
3/4"	0.33
1"	0.44
1 1/4"	0.55
1 1/2"	0.66
2"	0.88
2 1/2"	1.10
3"	1.32
3 1/2"	1.54
4"	1.76
4 1/2"	1.98
5"	2.20

1. For installation details, please refer to the R MAX THERMASHEAT installation manual. For more information, please visit our website at www.rmax.com.
 2. R MAX THERMASHEAT is a registered trademark of Rmax Operating, LLC. © 2017 Rmax Operating, LLC. All rights reserved.



Proudly Made and Engineered in the U.S.A.
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 Dallas, TX 75241
 1.800.421.1090

Why Choose Polyiso over other rigid foam insulation?
 A Superior R-value per inch
 B Higher service temperature (200°F)
 C Highest R-value for moisture vapor efficiency
 D Excellent moisture vapor control
 E No barrier for additional thermal comfort
 F Can be used with Rmax R-SEAL construction
 G Up to R-SEAL 3000 to seal joints

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The Money Part

\$58,000 total install fee – look at price per kW

Paid for:

- \$14k REAP grant
- \$17k Income Tax Credit
- \$27k Bank loan, 7 year term — balance this with your utility bill?

Other Money Things

- Fauquier County Property Tax Exclusion
 - Note on zoning & permits
 - Fully exempt with new state laws
- Batteries vs Grid
 - Can you ensure you generate more than you use?
 - Can you beat \$12/mo in “grid fees”?

Explanation of Bill Detail

Customer Service		1-866-DOM-HELP (1-866-366-4357)
Previous Balance	6.81CR	
Payment Received	0.00	
Balance Forward		6.81CR
<i>Non-Residential (Schedule GS-1)</i>		<i>04/22-05/23</i>
Distribution Service		
Basic Customer Charge	10.79	
FAUQUIER Utility Tax	1.08	
Rider TRCR Credit	20.59CR	
Rider VCR 2022 Credit	1.10CR	
Total Current Charges		9.82CR
Total Account Balance		16.63CR

View payment options, request service changes and enroll in eBill at www.dominionenergy.com, search: Manage Your Account

SRECs

Solar Renewable Energy Certificates

- A state-by-state program, with quotes set for energy producers
- Credits are generated by solar power generation
- Must be sold through a broker
- The market price for these credits appears to be declining

Virginia SREC Pricing

Option	Price
Mint & Sell (spot market)*	\$69.50 – \$63.50 (6-m
3-Year (2023-2025)	\$40.00 (12-months p
5-Year (2023-2027)	\$30.00 (12-months p
15-Year Upfront	\$125 per kW DC

Monitoring

