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
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

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous Balance</td>
<td>6.81CR</td>
</tr>
<tr>
<td>Payment Received</td>
<td>0.00</td>
</tr>
<tr>
<td>Balance Forward</td>
<td>6.81CR</td>
</tr>
<tr>
<td>Non-Residential (Schedule GS-1)</td>
<td>04/22 05/23</td>
</tr>
<tr>
<td>Distribution Service</td>
<td></td>
</tr>
<tr>
<td>Basic Customer Charge</td>
<td>10.78</td>
</tr>
<tr>
<td>FAUQUIER Utility Tax</td>
<td>1.08</td>
</tr>
<tr>
<td>Rider TRCR Credit</td>
<td>20.58CR</td>
</tr>
<tr>
<td>Rider VGR 2022 Credit</td>
<td>1.10CR</td>
</tr>
<tr>
<td>Total Current Charges</td>
<td>9.82CR</td>
</tr>
<tr>
<td>Total Account Balance</td>
<td>16.63CR</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Option</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mint &amp; Sell (spot market)*</td>
<td>$69.50 – $63.50</td>
</tr>
<tr>
<td>3-Year (2023-2025)</td>
<td>$40.00</td>
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<tr>
<td>5-Year (2023-2027)</td>
<td>$30.00</td>
</tr>
<tr>
<td>15-Year Upfront</td>
<td>$125 per kW DC</td>
</tr>
</tbody>
</table>
Monitoring

- HVAC Air Handler
  - Always On
  - Other

Usage

- Bill: 310 kWh

Usage Graph:
- Jan 30, 2023
- Feb 19

Device Utilization:
- Other: 14.4%
- Glycol Chiller Compressor: 12.9%
- Always On: 4.8%
- Glycol Pump: 4.3%
- Heat pump (?): 3.9%

Energy Balance Today:
- 22.72 kWh
- 07:00 AM
- Production: 0.00 kW

solaneb.com