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The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

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The energy output range is based on analysis of 30 years of historical weather data for nearby , and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

RESULTS

21,439 kWh/Year*

| Month | Solar Radiation | AC Energy | Value |
|--------------------------|--------------------------------|-------------------------------|-------------|
| | (kWh / m ² / day) | (kWh) | (\$) |
| January | 3.52 | 1,460 | 234 |
| February | 4.76 | 1,728 | 276 |
| March | 5.41 | 2,094 | 335 |
| April | 5.42 | 2,001 | 320 |
| May | 5.54 | 2,060 | 330 |
| June | 5.45 | 1,920 | 307 |
| July | 5.92 | 2,109 | 338 |
| August | 5.87 | 2,083 | 333 |
| September | 5.53 | 1,942 | 311 |
| October | 4.36 | 1,624 | 260 |
| November | 3.30 | 1,259 | 202 |
| December | 2.82 | 1,157 | 185 |
| Annual | 4.83 | 21,437 | \$ 3,43 |
| Location and Station Ide | entification | | |
| Requested Location | 460 Mou | intfort Road North Yarmouth I | Waine 04097 |
| Weather Data Source | Lat, Lon: 43.85, -70.22 1.0 mi | | |
| Latitude | 43.85° N | 43.85° N | |
| Longitude | 70.22° V | I | |
| PV System Specification | ns (Residential) | | |
| DC System Size 15.96 kW | | V | |
| Module Type | Standar | d | |
| Array Type | Fixed (c | Fixed (open rack) | |
| Array Tilt | 35° | | |
| Array Azimuth | 180° | 180° | |
| System Losses | 14.08% | 14.08% | |
| | | | |

Economics

| Average Retail Electricity Rate 0.16 | 0 \$/kWh |
|--------------------------------------|----------|
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Performance Metrics

DC to AC Size Ratio

| Capacity Factor | 15.3% |
|-----------------|-------|
|-----------------|-------|