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l> ,£ **Buselli Plumbing Heating and Electric**

'' **Site Report**

Report Name

Report Date Declination Location Lat/Long Weather Station Site Distance

Report Type

Array Type Tilt Angle

Ideal Tilt Angle Azimuth

Ideal Azimuth

Electric Cost

Panel Make Panel Model Panel Count

DC Rate (per panel) Total System Size

Inverter Make

Inverter Model Inverter Count

Derate Method Derate Factor

Xxxx xxxxxxxxx

1/16/2014 7:03:37 AM

-12d 46m

Callicoon, NY 12723

41.782 1-74.984

Binghamton-Edwin A Link Field, NY, Elevation: 1,601 Feet, (42.200/-75.983) 59 Miles

PV

Fixed Angle

30.00 deg 30.00 deg

180.00 deg

180.00 deg

0.1 ($/KWH)

Canadian Solar CS6P-250P

30

250.0 Watts

7,500.0 Watts Power-One

MICR0-0.25-1-0UTD-US-240 30

Using Components 0.803

Layout Configuration Single Picture Layout Point Count 1

Notes: address

Report generated by SolarPathfinder Assistant Version 4.1.44.0. [http://www .solarpathfinder.com](http://www.solarpathfinder.com/) Page: 1/4

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# Buselli Plumbing Heating and Electric Solar Site Analysis Report

Image File pathfinder.JPG

# Solar Obstruction Data

Month Actual Shaded Actual Shaded Actual Unshaded Ideal Unshaded PV Solar PVWatts Unshaded Actual Site Ideal Site Solar Radiation AC Energy (KWH) AC Energy (KWH) AC Energy (KWH) Cost Savings % Actual Site **Efficiency % Efficiency** %

Azimuth=180.0 Azimuth=180 .00 Azimuth= 180.0 Azimuth=180 .0 0.1 ($/KWH) Azimuth=180.0 Azimuth=180.0 Azimuth=180 .0

Tilt=30.0 Tilt=30.00 Tilt=30.00 Tilt=30.00 Tilt=3o.oo Tilt=30.00 Tilt=30.00

2

KWH/m

/day



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| January | 2.39 | 476.80 | 507.00 | 507.00 | $47.68 | 91.44 % | 91.44 % | 91.44 % |
| February | 3.11 | 569.40 | 632.00 | 632.00 | $56.94 | 87.71 % | 87.71 % | 87.71 % |
| March | 3.55 | 669.87 | 744.00 | 744.00 | $66.99 | 88.19 % | 88.19 % | 88.19 % |
| April | 4.11 | 730.33 | 847.00 | 847.00 | $73.03 | 84.12 % | 84.12 % | 84.12 % |
| May | 4.60 | 823.00 | 960.00 | 960.00 | $82.30 | 84.00 % | 84.00 % | 84.00 % |
| June | 4.40 | 739.00 | 887.00 | 887.00 | $73.90 | 81.65 % | 81.65 % | 81.65 % |
| July | 4.60 | 797.00 | 950.00 | 950.00 | $79.70 | 82.29 % | 82.29 % | 82.29 % |
| August | 4.45 | 773.80 | 915.00 | 915.00 | $77.38 | 82.66 % | 82.66 % | 82.66 % |
| September | 4.05 | 708.38 | 786.00 | 786.00 | $70.84 | 87.84 % | 87.84 % | 87.84 % |
| October | 3.17 | 583.80 | 626.00 | 626.00 | $58.38 | 90.75 % | 90.75 % | 90.75 % |
| November | 2.29 | 422.92 | 447.00 | 447.00 | $42.29 | 91.30 % | 91.30 % | 91.30 % |
| December | 2.01 | 393.23 | 409.00 | 409.00 | $39.32 | 93.07 % | 93.07 % | 93.07 % |
| Totals | 42.70 | 7,687.54 | 8,710.00 | 8,710.00 | $768.75 | 87.09 % | 87.09 % | 87.09 % |
|  | Effect:86.02% |  |  |  |  | Unweighted | Unweighted | Unweighted |
|  | Sun Hrs: 3.56 |  |  |  |  | Yearly Avg | Yearly Avg | Yearly Avg |
| Notes: | [None] |  |  |  |  |  |  |  |



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