

Site Report

Report Name
Report Date
Declination -14d 33m
Location
Lat/Long 42.858 / -72.432
Weather Station Dillant Hopkins AP, NH, Elevation: 502 Feet, (42.900/-72.267)
Site Distance Miles

Report Type Thermal

Array Type Fixed Angle
Tilt Angle .00 deg
Ideal Tilt Angle 42.86 deg
Azimuth deg
Ideal Azimuth 180.00 deg

Collector Make Schuco USA L.P.
Collector Model V, LA, Plus
Collector Area 24.9 Sq. Feet
Collector Count 2
Total Collector Area 49.7 Sq. Feet
Solar Fraction 0.620
Annual Production Million BTU
#2 Fuel Oil Saved 66.8 gallons
Annual Savings \$187.01
Collector Fluid Glycol

Layout Configuration Single Picture
Layout Point Count 1

Notes: [None]

Solar Site Analysis Report

Image File

Solar Obstruction Data

Month	Ideal Unshaded Solar Radiation Azimuth=180.0 Tilt=42.86 KWH/m ² /day	Actual Shaded Solar Radiation Azimuth=135.4 Tilt=20.0 KWH/m ² /day	Solar Hot Water Solar Fraction Azimuth=135.4 Tilt=20.0	Solar Hot Water Produced Azimuth=135.4 Tilt=20.0 MMBTU	Solar Hot Water Demand Azimuth=135.4 Tilt=20.0 MMBTU
January	3.28	1.94	0.266	0.213	0.802
February	3.77	2.58	0.412	0.298	0.724
March	4.10	3.55	0.602	0.482	0.802
April	3.98	3.93	0.678	0.526	0.776
May	5.15	5.43	0.901	0.722	0.802
June	6.43	6.96	1.000	0.776	0.776
July	6.12	6.54	1.000	0.802	0.802
August	5.73	5.64	0.946	0.759	0.802
September	4.29	3.90	0.698	0.542	0.776
October	3.70	2.90	0.501	0.401	0.802
November	2.61	1.64	0.224	0.174	0.776
December	2.97	1.66	0.207	0.166	0.802
Totals	52.14	46.66	0.619	5.861	9.440
	Effect: 100%	Effect: 89.51%			
	Sun Hrs: 4.34	Sun Hrs: 3.89			

Notes: [None]

