



# Residential Solar Site Survey

## 1. System Design Overview

1. What do you want to use the heat from your solar hot water system for? (domestic hot water, space heating, pool heating, etc)

2. Where would you like your solar collectors mounted? (any ideas, preferences)

3. Where do you want your solar tank located? How much is available there for solar tank?

# 1. System Design Overview

4. Do you want to integrate your solar hot water system with an existing hot water system?

5. Do you want to have a backup hot water heater, or just use solar?

6. Other Notes / Requirements

## 2. General Information

### Location Information

Address

City, State, Zip

Contact Person

Phone #

Email Address

### Site Surveyor

Name

Phone #

Email Address

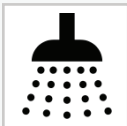
### What Do You Expect From Your Solar Thermal System?

What Type(s) Of Heating Do You Want Your System To Do?

☐

#### Domestic Hot Water

For showers, doing laundry,  
washing dishes, cleaning, etc

☐

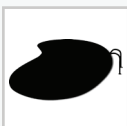
#### Combi / Space Heating

Domestic hot water as well as  
space heating for your home

☐

#### Pool / Spa Heating

Solar powered heating for your  
pool or backyard spa



How Much Hot Water Would You Like Provided By Solar?

☐

As Much As Possible

☐

Other Amount:

What Performance Goals Do You Have For Your System?

### Do You Have A Specific Budget In Mind For Your Solar Hot Water System?

☐

No Budget

☐

\$0 - \$1,000

☐

\$1,000 - \$5,000

☐

\$5,000 - \$10,000

☐

\$10,000+

### 3. Basic Survey Questionnaire

#### Domestic Hot Water

How Many People Live In Your Home?

How Big Is Your Current Water Tank?

 gallons

How Do You Currently Heat Your Hot Water?

☐ Electric

☐ Natural Gas

☐ Oil

☐ Other:

Are You Looking To Completely Replace Your Current Tank Or Retrofit Your System With Solar?

☐ Replace

☐ Retrofit

☐ Unsure / Need Help

If, You Want To Retrofit, Do You Have Space Near Your Existing Tank For A Second Solar Hot Water Tank?

☐ Yes

☐ No

☐ Unsure / Need Help

#### Radiant / Space Heating

What Type Of Home Heating System Do You Currently Have?

☐ Forced Hot Air

☐ Radiant Floor

☐ Radiant Baseboard

☐ Electric Heating

☐ Other:

What Fuel Do You Currently Use To Heat Your Home?

☐ Electric

☐ Natural Gas

☐ Oil

☐ Other:

What Is The Size Of Area To Be

 Square

What Is The Estimated Quality / Level Of Insulation In Your Home?

☐ Excellent

☐ Good

☐ Average

☐ Poor

#### Pool / Spa Heating

Is Your Pool Located Indoors Or Out?

☐ Indoors

☐ Outdoors

Is The Pool Shaded During The Day?

☐ Yes  %

☐ No

What Are The Dimensions Of Pool?

Length  ft

Width  ft

Avg Depth  ft

Is The Pool Covered?

☐ Yes  % of Time

☐ No

When Do You Use Your Pool?

Open Date

Close Date

Do You Have A Pool Heater Right Now?

☐ Yes

☐

**If You Are Technically Minded / Trained,  
There Are More Detailed Questions On The Next Page**

## 4. Advanced Survey Questionnaire

### Domestic Hot Water

When Are Most People Home And Using Hot Water?

- ☐ Morning
- ☐ Afternoon
- ☐ Evening
- ☐ Constant

How Hot Do You Want Your Water?

°F

BTU/Hour Production Of Water

BTU/Hr

Pipe Diameter Of Water Mains:

In

How Do You Spend Per Year On Hot Water?

\$

How Much Space Is Available For A Tank?

Width  ft

Length  ft

ft

Tell Us About Your Water Heater:

Age  years

Model

### Radiant / Space Heating

BTU/Hour Output Of Heating System:

BTU/Hr

Pipe Diameter Of Radiant System:

In

Age Of Your Home:

years

How Do You Spend Annually On Heating Your Home?

\$

Desired Heated Supply Temperature:

°F

### Pool / Spa Heating

How Often Is The Water Completely Renewed?

Desired Heated Pool Water Temperature:

°F

Horsepower Of Your Pool Circulator:

hp

If You Have A Pool Heater Now, How Much Do You Spend Annually Using It?

\$

Estimated Distance From Pool To The Solar Storage Tank:

ft



**If You Are Technically Minded / Trained,  
There Are More Detailed Questions On The Next Page**

## 4. Advanced Survey Questionnaire (cont.)

### Collector Field Area

Where Are The Solar Collectors Going To Be Mounted?

☐

On The Roof

☐

On The Ground

What Is The Pitche (slope) Of The Roof?

What Type Of Roof Do You Have?

☐

Asphalt Shingle

☐

Tile

☐

Tin / Sheet Metal

☐

Other

Desired Solar Collector Mounting Type?

☐

Flush

☐

Tilt

How Much Space Is Available For The Collector Field?

Length (North - South)

ft

Width (East - West)

ft

Height

ft

Distance From Collector Field To The Storage Tank:

ft

### Solar System Specifications

What Type Of Solar System Is To Be Used?

☐

Drainback

☐

Steamback

What Type Of Solar Collectors Are To Be Used?

☐

Evacuated Tube Collectors

☐

Flat Plate Collectors

**Note:** If there are preferences for these materials, our engineers will use the materials which will maximize the efficiency of the solar hot water system as a whole in order to meet the goals of the system according to our engineering analysis.

## 5. Additional Info & Instructions

### Optional Information

Include pictures of the site: roof area (or proposed collector field area), boiler room (storage tank location), any additional pictures that might be useful in assessing the site.

### Submission Instructions

Please Send Your Completed Survey To:

**SunMaxx Solar**  
5098 State Hwy 206  
Bainbridge, NY 13733

Fax: 1.800.786.0329

**Or Submit  
By Email**

**Click To Submit  
By Email**