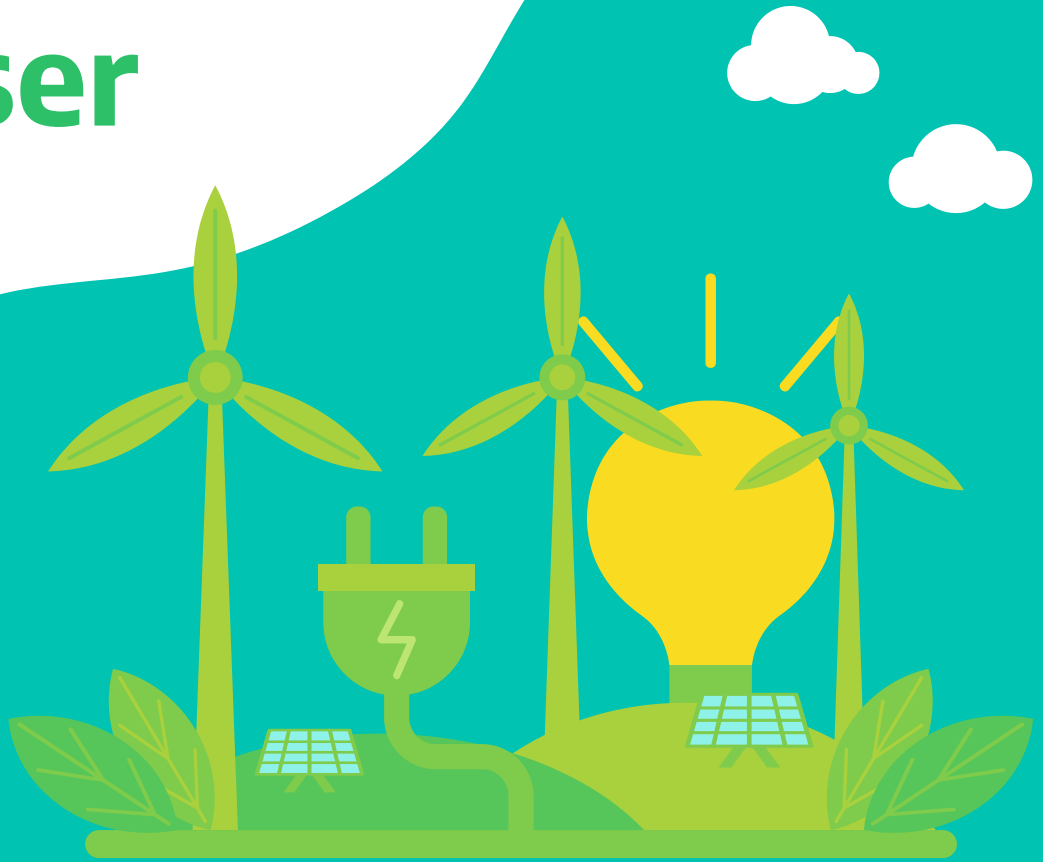
SolarSize User Guide

How to use the SolarSize application



Help While Using the Application

If you require help or additional information at anytime while using the application, find additional information in **tooltips** or on the **About page**. You can also watch the **SolarSize demo video** for a guided experience of the application.

View tooltips by **hovering** over an input field until the tooltip box appears.

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Navigate to the **About page** using the menu at the top of the application.

Help While Using the Application

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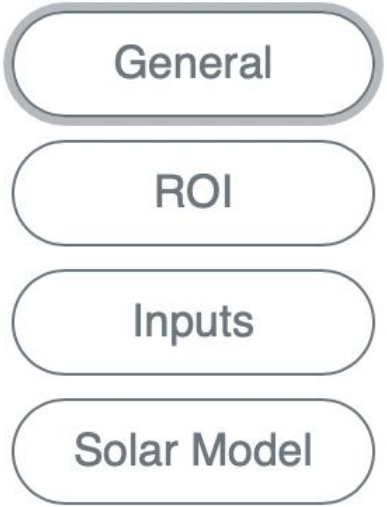
Click to watch the SolarSize demo video

About Page

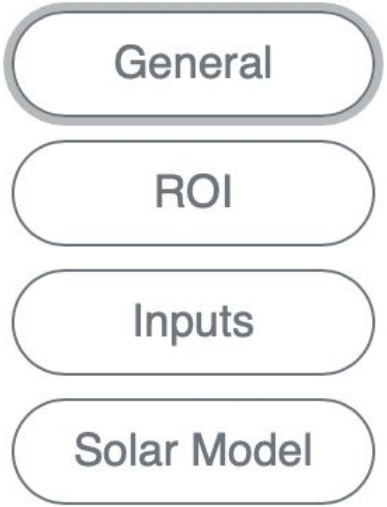
The **About page** contains additional information regarding the Solarsize application, SolarSize 2021-2022 capstone project, return on investment calculations, inputs users may need to submit, and solar model.



Use the menu on the left side to navigate to different sections of the **About page**.

About Page

The **About page** contains additional information regarding the Solarsize application, SolarSize 2021-2022 capstone project, return on investment calculations, inputs users may need to submit, and solar model.



Look in the **General** section for information regarding the Solarsize application and SolarSize Winter 2022 capstone project.

Look in the **ROI** section for information regarding the return on investment calculations such as formulas and specific costs.

Look in the **Inputs** section for information regarding the inputs users may need to submit.

Look in the **Solar Model** section for information regarding the solar model such as how it works and specific solar calculations.

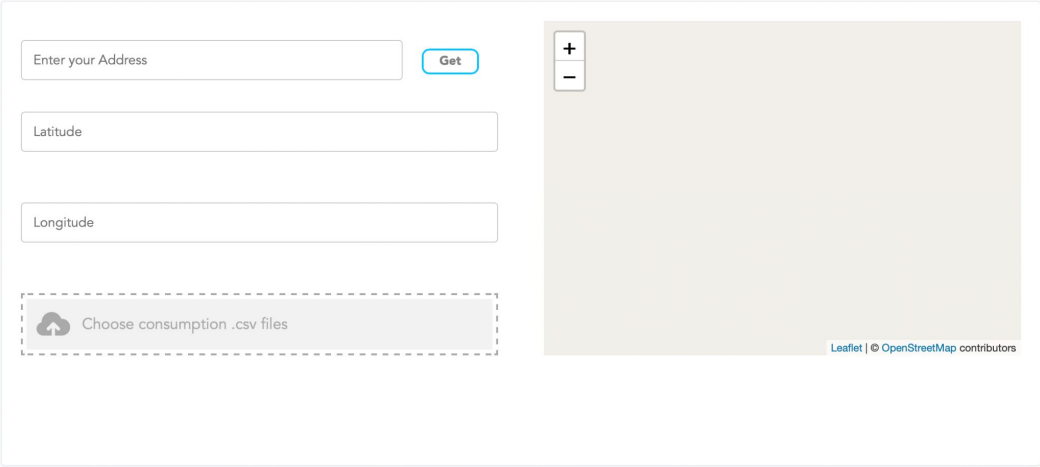
Using the Application

The main pages of the application are the **Inputs page** and **Summary page**. The **Inputs page** is used to fill out the form with the information required to perform the solar panel and return on investment analysis. The **Summary page** displays the results of the solar panel and return on investment analysis.

Navigate between the **Inputs page** and **Summary page** using the menu at the top of the application.

Inputs Page

The **Inputs page** is used to fill out the form with the information required to perform the solar panel and return on investment analysis. The **SolarSize demo video** can be used as a further guide when filling out the form.



Enter your **address** or **location** and press the **“Get” button** to update the map, latitude, and longitude.

Upload a **.csv file** containing your building energy consumption data.

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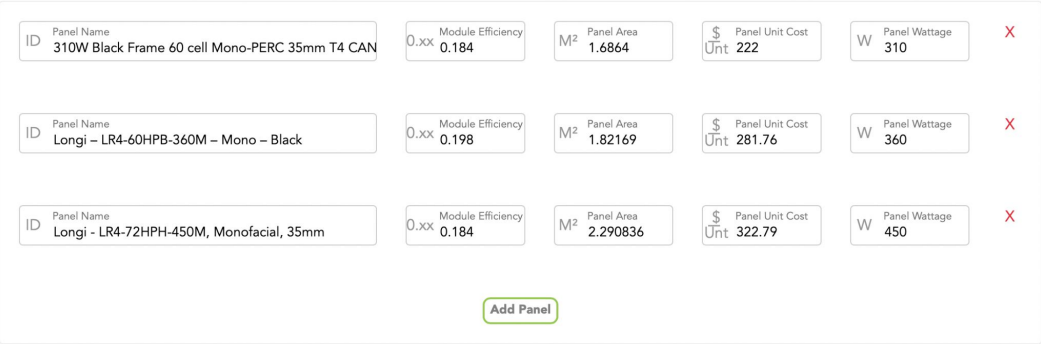

Use the application's **default** solar panel suggestions.

Or

Add your own panel types to be included in the analysis.

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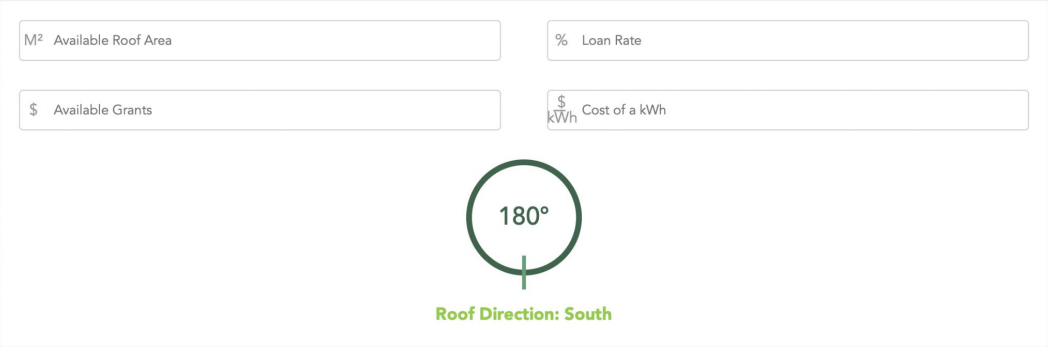

Enter your

- **Area available**
- **Loan interest rate**
- **Grant amounts received**
- **Cost of kWh**
- **Roof direction**

Inputs Page

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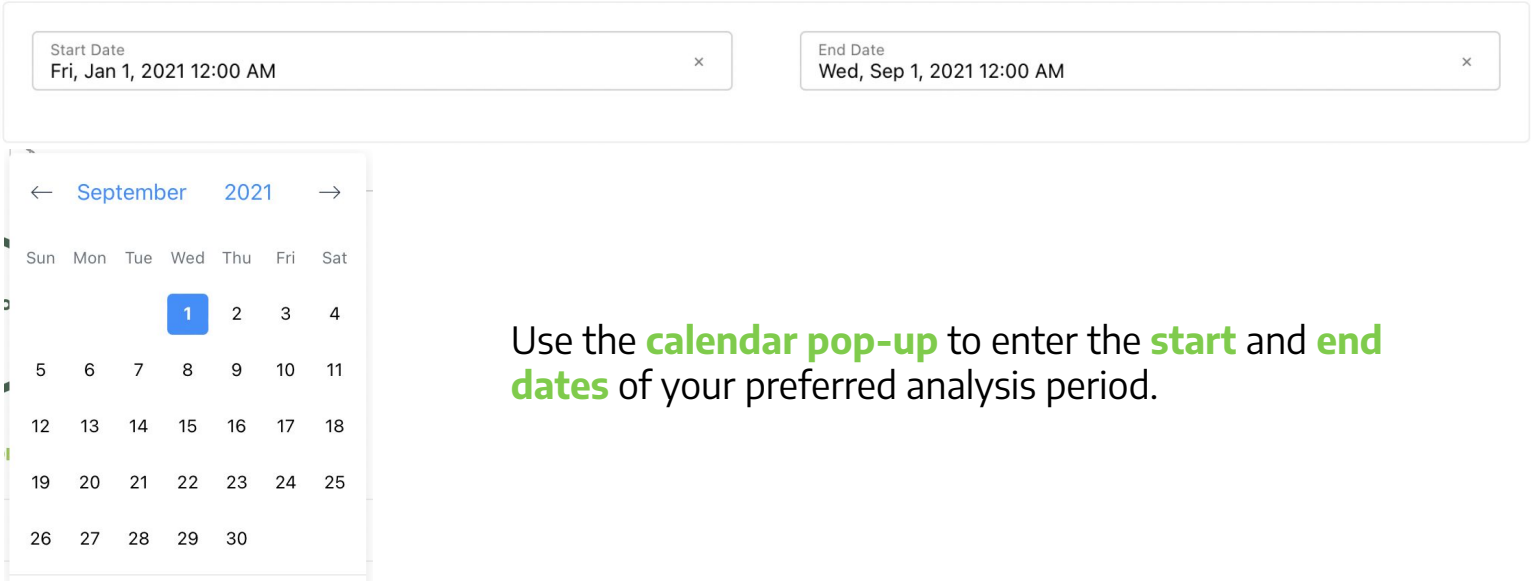


Use the **calendar pop-up** to enter the **start** and **end dates** of your preferred analysis period.

Inputs Page

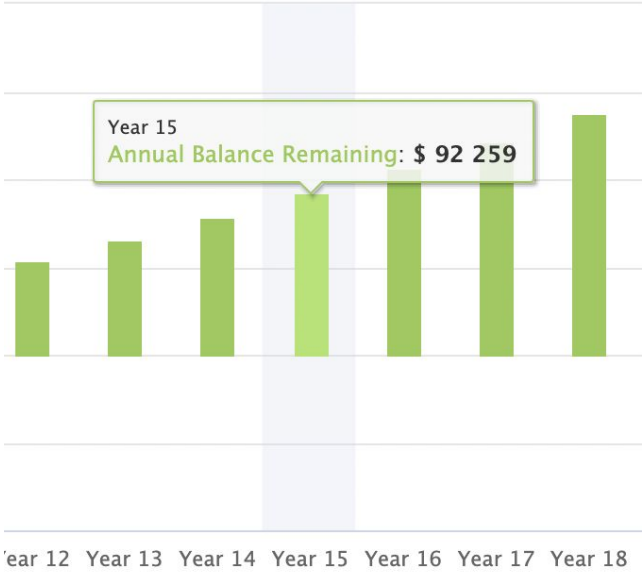
The **Inputs page** is used to fill out the form with the information required to perform the solar panel and return on investment analysis. The **SolarSize demo video** can be used as a further guide when filling out the form.

Use the **Calculate button** to submit the form once you have entered all the inputs.

Use the **Reset button** to reset/clear all the input values in the form at any point while filling out the form.

Summary Page

The **Summary page** displays the results of the solar panel and return on investment analysis including graphs and statistics. The **SolarSize demo video** explains what information is provided by each graph on the **Summary page**.



Hover over any point on a graph to view more detailed information about the value it is displaying.

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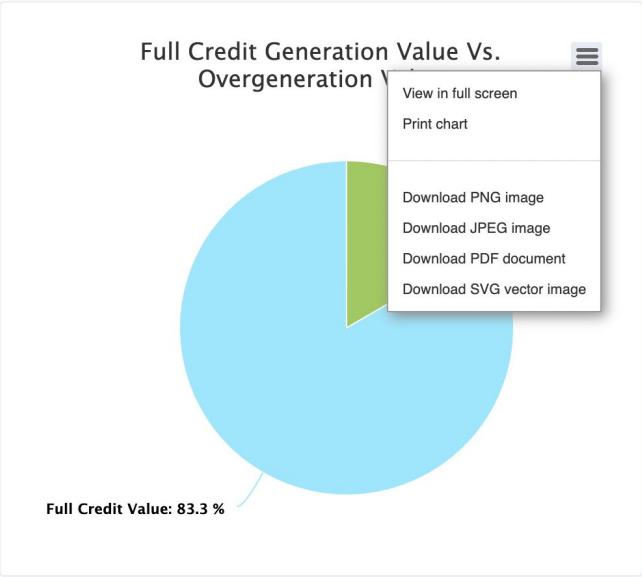

Use the **graph menu (3 grey bars in top right corner)** to **enlarge** the graph, **print** the graph, or **download** a copy of the graph.

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