

User Manual

Debuggers Anonymous

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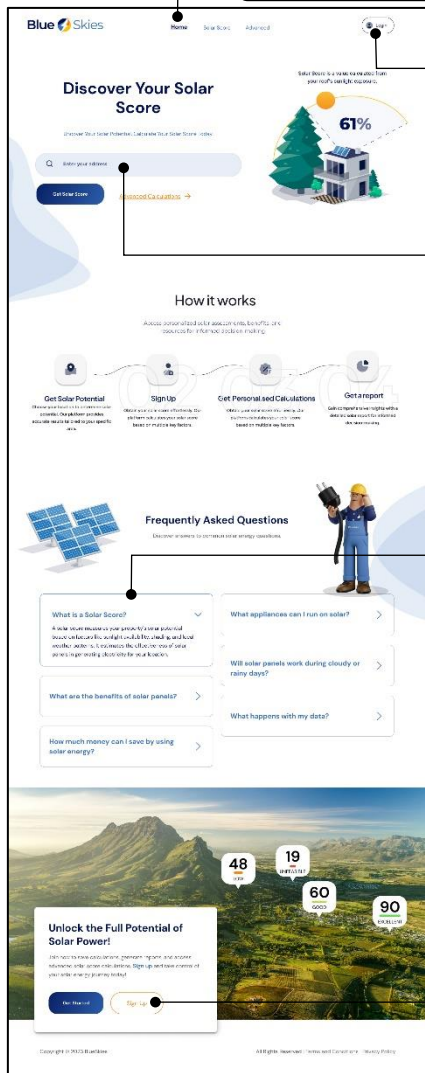
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Introduction

Our project aims to enlighten South Africans about the solar potential of their property by calculating the amount of sunlight received over a period of time and providing users with a solar score.

We also provide an advanced calculation where the user can select the specific parameters of a solar system as well as incorporating home appliances to the calculation to customise the calculation to the user's lifestyle and receive personalised results of how solar would benefit them in their daily lives.

Home Page Logged Out



Navigate to the top of the Home Page.

Navigate to the Log In Page.

Get location based Solar Score (Need to insert address)

Type your address here

Get location based Advanced Solar Calculation (Need to insert address)

Click to get answers to frequently asked questions

Call to action to login and become a user with full access to the system

Call to action to navigate to solar score page and enter location

Logged In

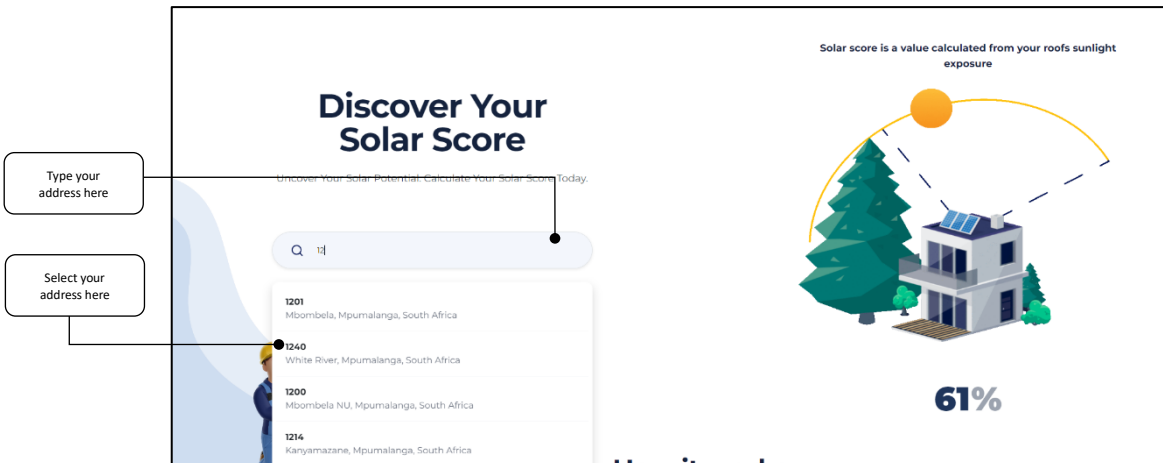


Navigate to the Solar Score Page

Navigate to the Advanced Calculation Page (Need to be logged in)

Navigate to the Dashboard Page

Insert Address



Type your address here

Select your address here

Log In Page

Blue Skies 02

WELCOME BACK

Log In

email address

password [show](#)

[Log In](#)

Don't have an account yet? [Register for free](#)

Type your registered email here

Show the hidden password

Type the associated password for the email here

Navigate to the Register Page

Log In once information is entered

Register Page

Blue Skies 02

CREATE YOUR ACCOUNT

Register

Email

Enter email address

Password

Enter password [show](#)

Re-Enter Password

Password [show](#)

[Register](#)

Already have an account? [Login](#)

Type your email here

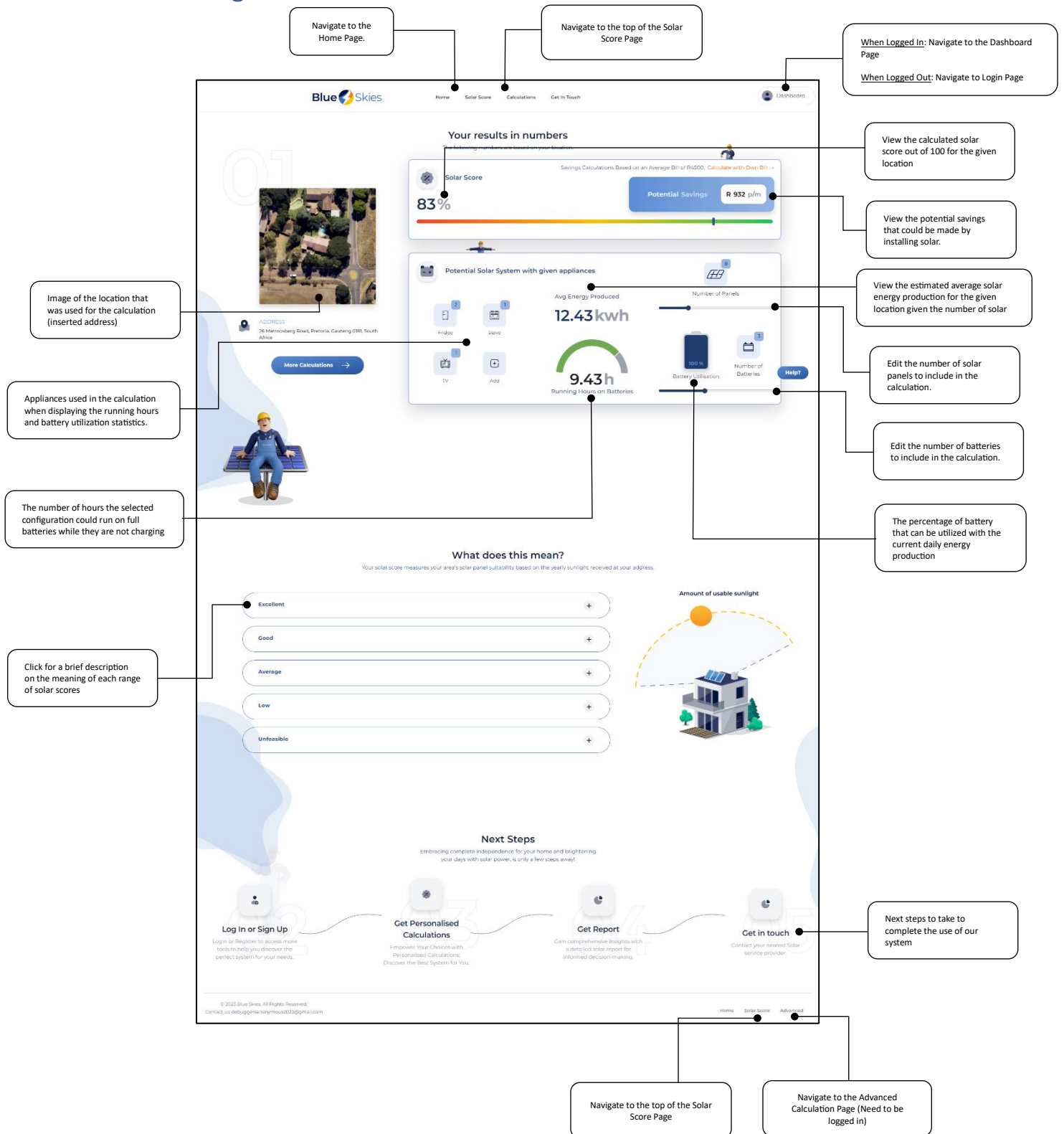
Show the hidden password

Type in a valid password

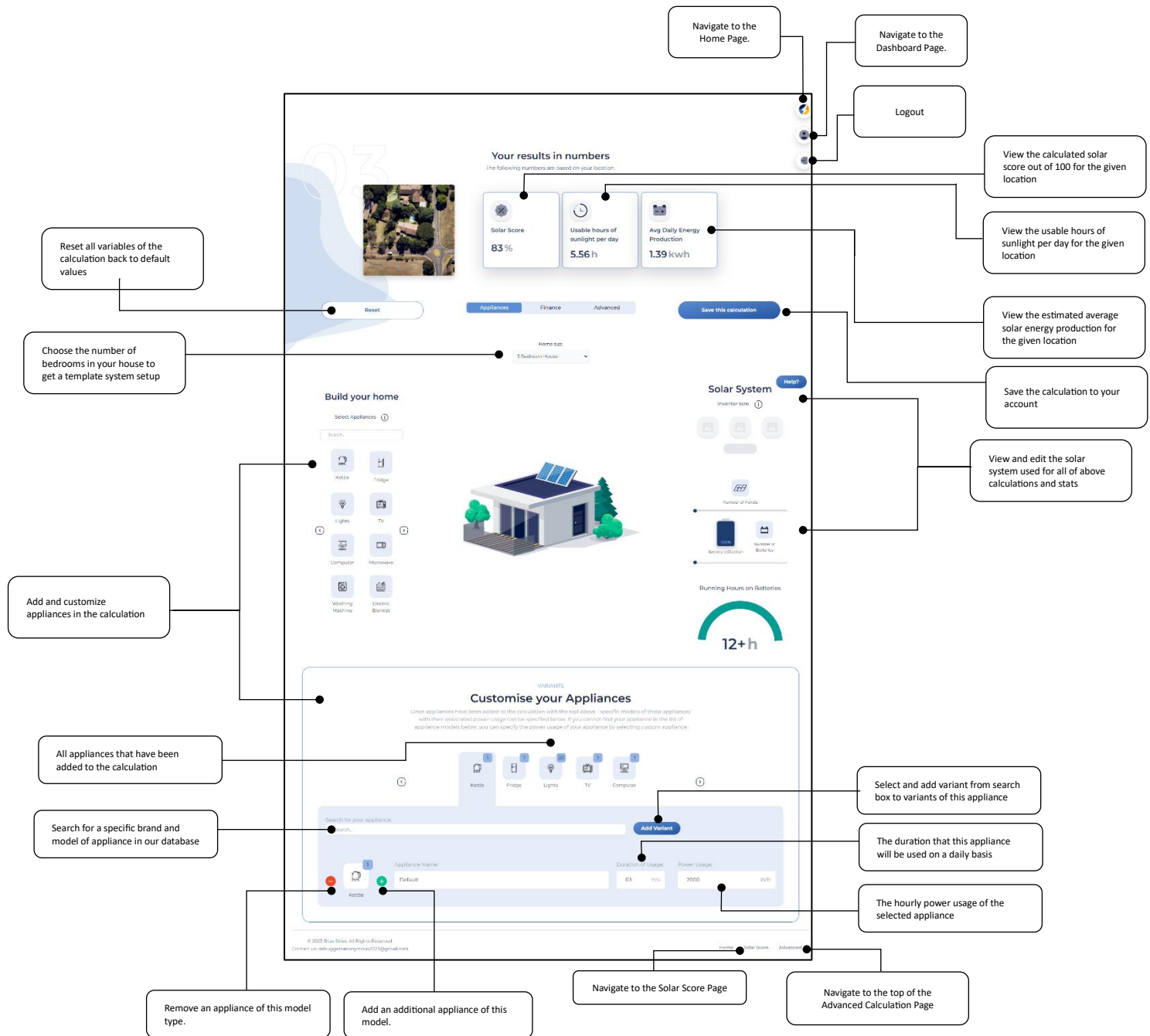
Navigate to the Log In Page

Register account once information is entered

Solar Score Page



Advanced Calculation





03

Your results in numbers

The following numbers are based on your location.

Solar Score
83 %Usable hours of
sunlight per day
5.56 hAvg Daily Energy
Production
12.43 kwh

Reset

Appliances

Finance

Advanced

Save this calculation

FANCY DATA AND

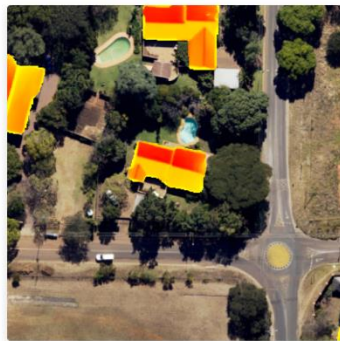
Advanced Calculations

More information about your location. The flux map shows the your roof's sunlight exposure.¹

Help?

Annual Flux Map

Visual representation of the annual sunlight exposure on your rooftop.



The annual flux data of the selected location with red sections being better locations for solar power

Enviroment Impact Over 10 Years

45350 kWh
65757.5 L
26.3

CO₂ 46710.5 kg
25396 kg

Statistics about how installing solar power at this location could benefit the environment in 10 years

Rooftop Stats

240 m²
193 m²

118
5.56 h

General measurements about the locations roof (available space for solar)

Monthly Flux Map

January

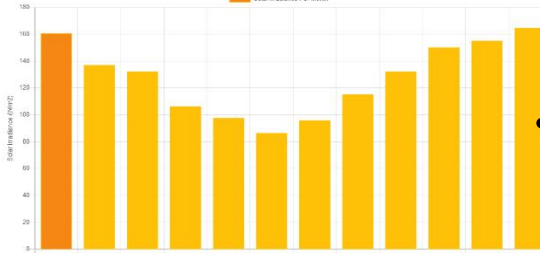


The monthly flux data of the selected location with red sections being better locations for solar power

Switch between monthly images

Solar Irradiance Per Month

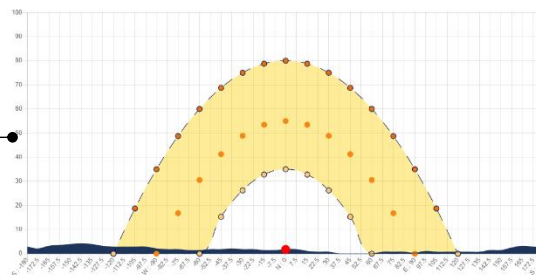
Solar Irradiance Per Month



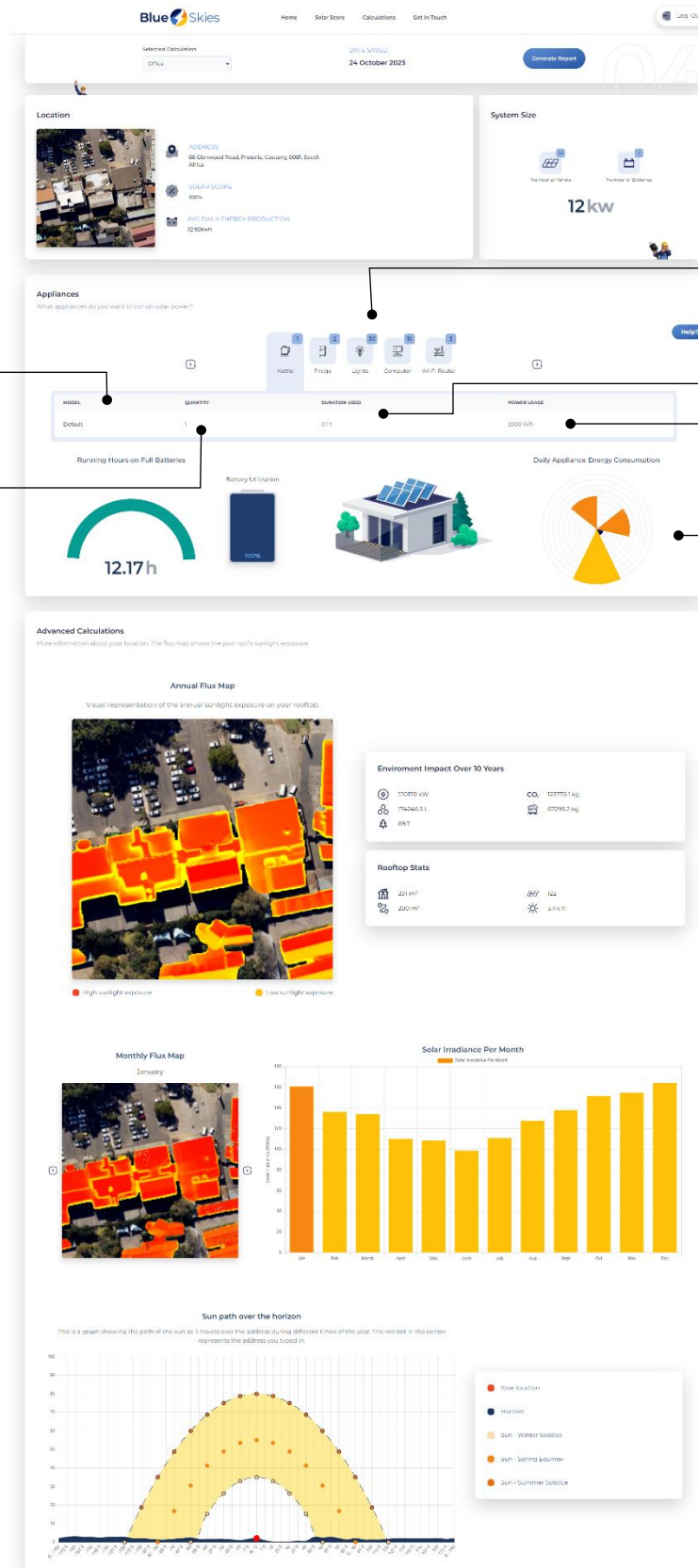
Solar irradiance landing on the locations roof of each month of the year

Sun path over the horizon

This is a graph showing the path of the sun as it travels over the address during different times of the year. The red dot in the center represents the address you typed in.



The path the sun travels over the selected location throughout the year, and the horizon of the location showing how mountains could block incoming sunlight



Model or selected variant of appliance

Number of this type of appliance

All appliances added to the current calculation

Selected daily usage of an appliance

Hourly energy consumption of the selected appliance

Daily energy usage of each appliance added to the calculation.