Solar Calculator

Paul Cheney
SPARTAN DESIGN UNIVERSITY

spartandesignuniversity.com

Agenda

- Program Flow
- Build the Solar Calculator

Home Usage

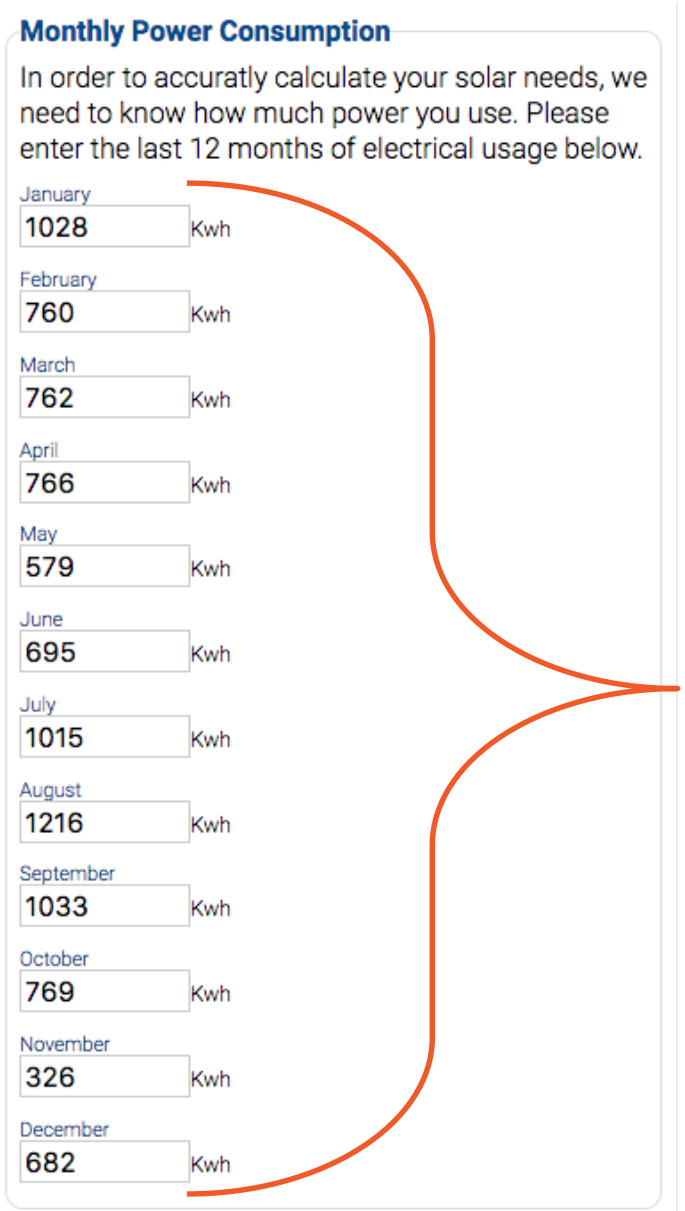
kWh

Sunlight per Day

Solar Panel Output

Wh

KWH needed per day



/ 365 =

KWH needed per day

Hours of Sun per day

KWH needed per day

Hours of Sun per day

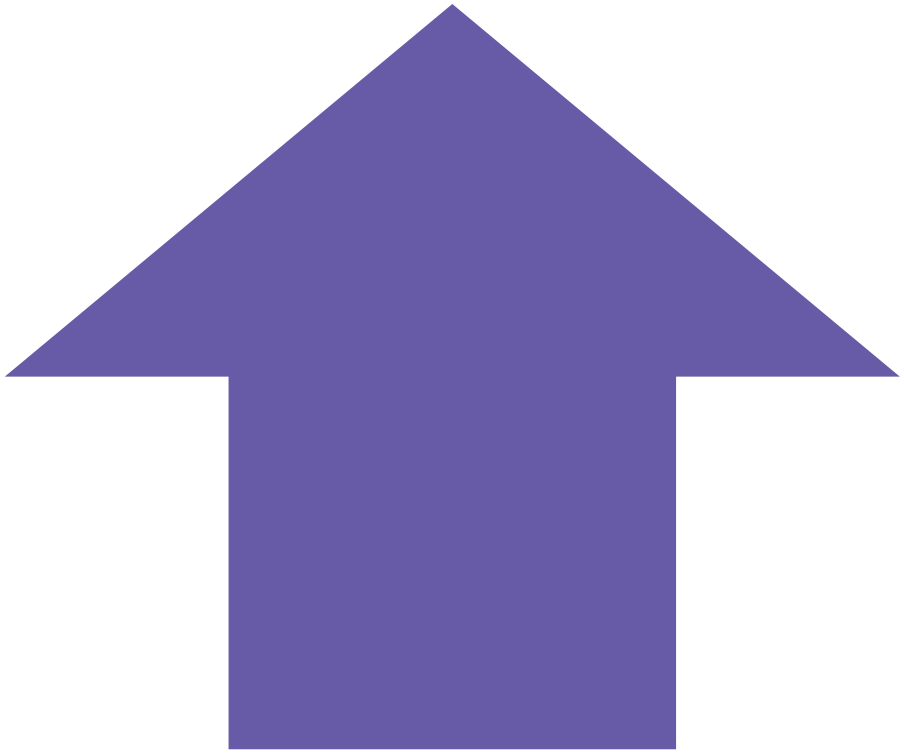
Generation Needs

KWH needed per day

Hours of Sun per day

Generation Needs

+25% for bad weather



KWH needed per day

Hours of Sun per day

Generation Needs

+25% for bad weather

kWh * 1000

* 1000

KWH needed per day

Hours of Sun per day

Generation Needs

+25% for bad weather

kWh * 1000

Panel Output

Panel Choice

Please select a solar panel you would like to use.

Axitec AC-250P/156-60S

KWH needed per day

Hours of Sun per day

Generation Needs

+25% for bad weather

kWh * 1000

Panel Output

Divide

Summary

Introduction

Functions

Loops

Switch and Select

Interrogating the DOM

SOLAR CALCULATOR