CLEAN ENERGY INVESTMENT ACCELERATOR

Sector Wide Advancement Toolkit 2 Attachment: PVWattsTool User Walkthrough

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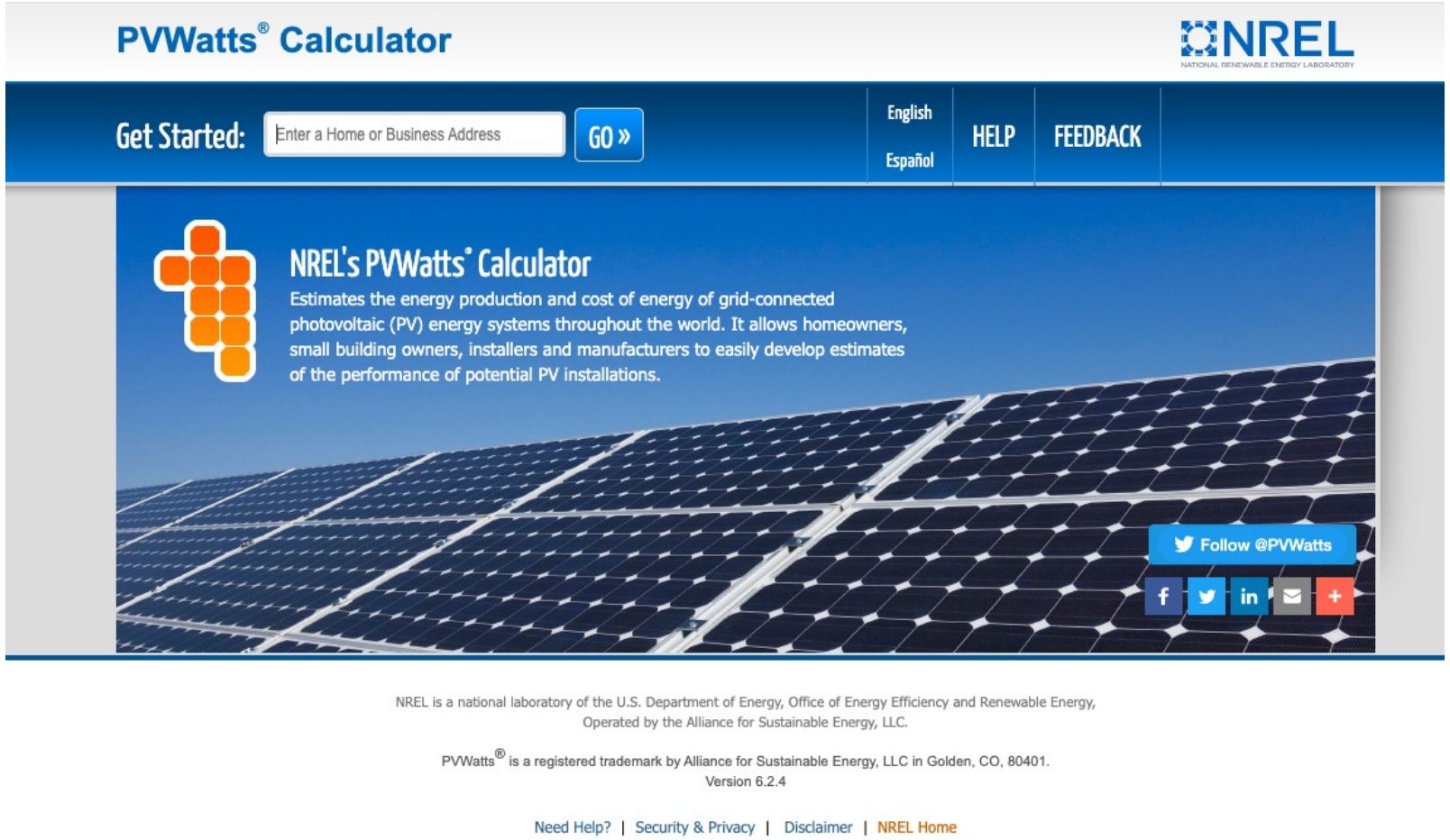
CLEAN ENERGY INVESTMENT ACCELERATOR

Overview of Steps

1. Go to PVWatts Website
2. Enter geographic coordinates of site
3. Check that solar resource data is relatively close to the site
4. Enter PV characteristics
5. Record monthly and annual PV system ouput projections

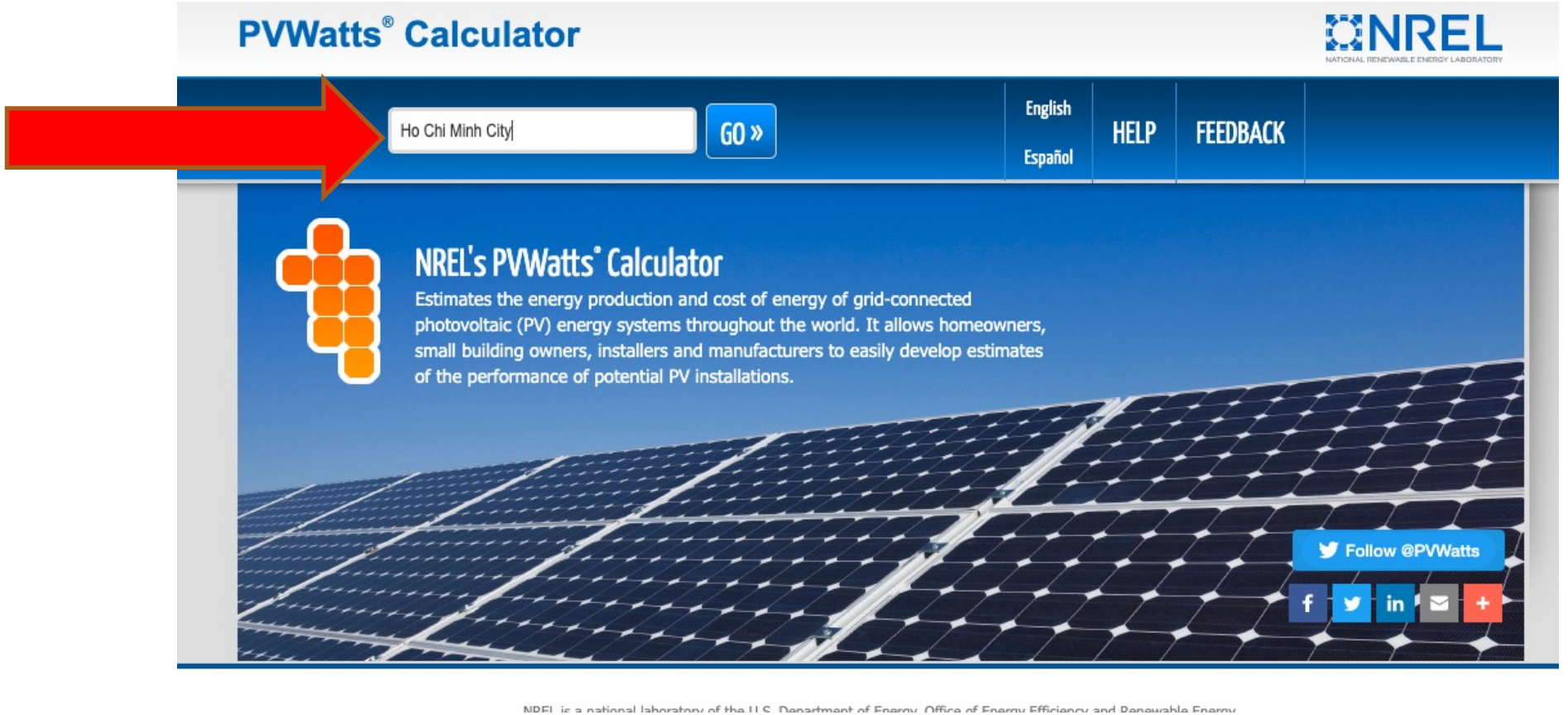
1. Go to PVWatts Website

Go to https://pvwatts.nrel.gov/index.php



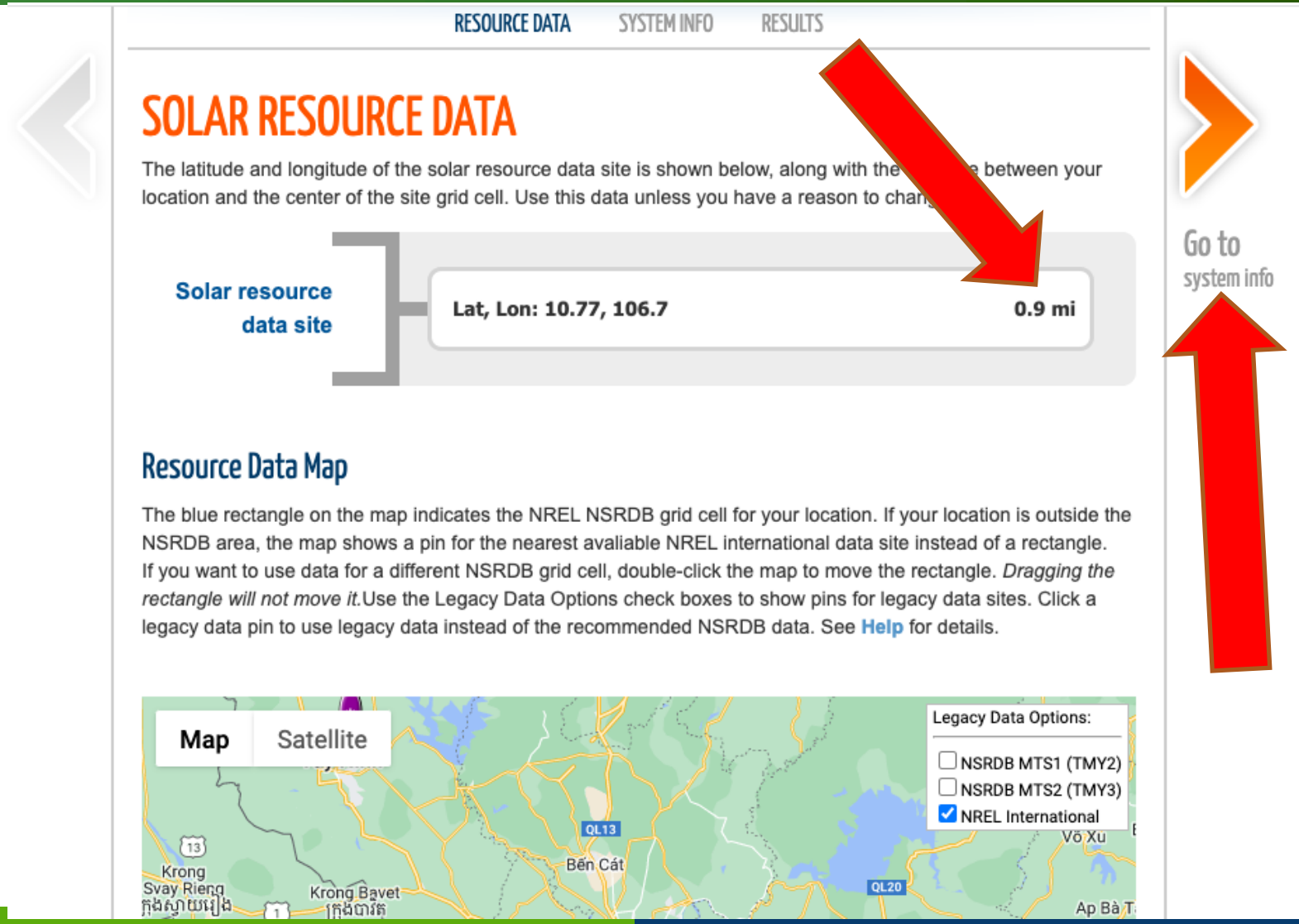
2. Enter address of site

Enter address into address bar at top, then click “Go”



3. Check that solar resource data is relatively close to the site

- Check that the solar resource data is not too far from the site (left arrow).
- Then click the orange arrow (right arrow) to enter the PV system info

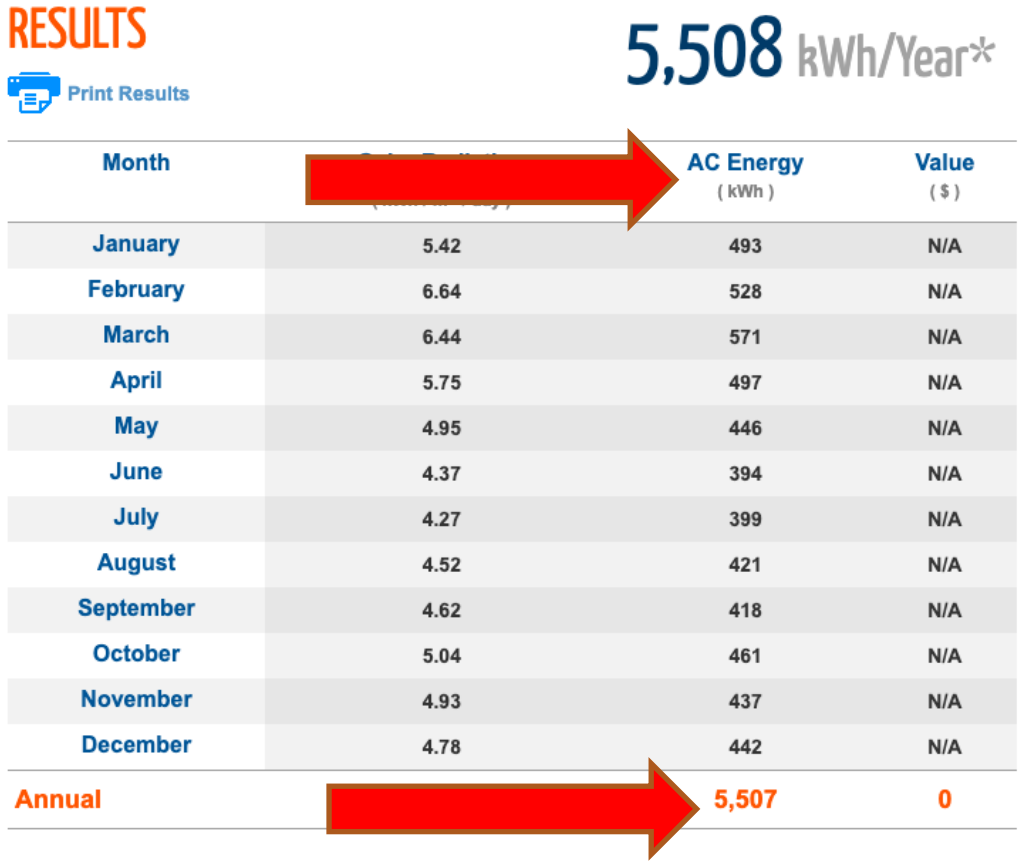


4. Enter PV characteristics

- Enter information or select options for the PV system info (left 9 arrows)
- Ignore the “Retail Electricity Rate” section for the purposes of the technical analysis
- Click orange arrow to view results (right arrow)

5. Record monthly and annual PV system ouput projections

- Record monthly PV system output in column under “AC Energy” (top arrow).
- Record annual PV system output at the bottom (bottom arrow).



RESULTS

Print Results

5,508 kWh/Year*

Month		AC Energy (kWh)	Value ($)
January	5.42	493	N/A
February	6.64	528	N/A
March	6.44	571	N/A
April	5.75	497	N/A
May	4.95	446	N/A
June	4.37	394	N/A
July	4.27	399	N/A
August	4.52	421	N/A
September	4.62	418	N/A
October	5.04	461	N/A
November	4.93	437	N/A
December	4.78	442	N/A
Annual		5,507	0

Congratulations!

- Users now have both the annual and monthly PV outputs from PVWatts!