

# An Introduction to Green-e<sup>®</sup> Certification and How It Works



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**CENTER FOR RESOURCE SOLUTIONS**



# About Center for Resource Solutions

Nongovernmental Organization (NGO) creating policy and market solutions to advance sustainable energy since 1997.

- Expert assistance
- Renewable energy and climate policy
- Renewable Energy Markets annual conference
  - REM US, Houston, September 3-5, 2025
  - REM Asia, Singapore, April 29-30, 2025
- Green-e® certification for suppliers and users of renewable electricity, carbon offsets and biomethane in the voluntary market

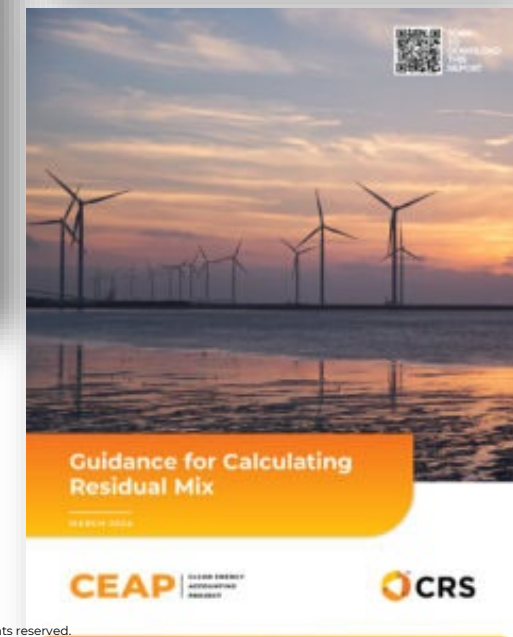
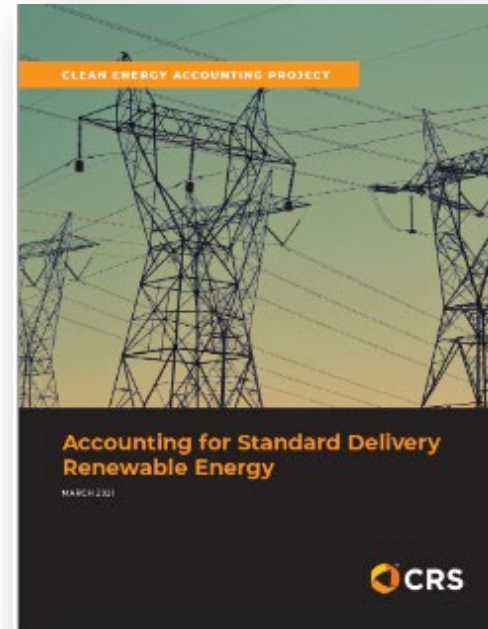


# Clean Energy Accounting Project (CEAP)

Develops standardized, stakeholder-reviewed clean energy and greenhouse gas (GHG) emissions accounting guidance addressing outstanding questions in voluntary and regulatory markets.

- Free publications documenting and promoting best practices
- Advisory Committee Participation
  - Priority for CEAP working group participation
  - Engagement with CRS Policy team
  - Review/input on draft publications

<https://resource-solutions.org/programs/ceap/>



# Green-e<sup>®</sup> Certification



Green-e

# Green-e® Certification



## Energy

for renewable electricity/RECs



## Climate

for carbon offsets



## Renewable Fuels

for biomethane (RNG)

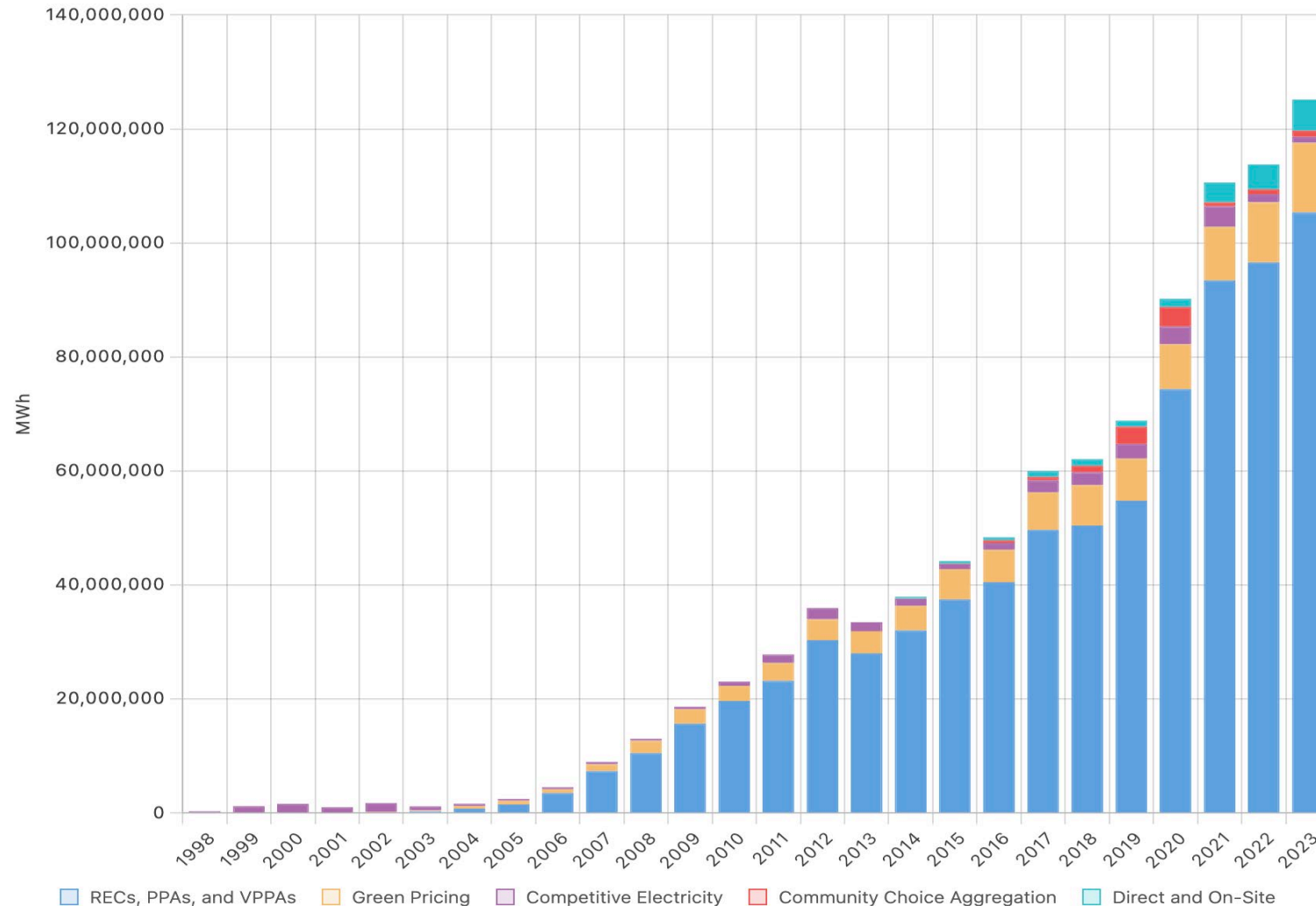


## Marketplace

for marketing claims

# Green-e® Energy Verification Report

## Green-e® Energy Certified Retail Sales by Product Type (MWh)



### By the Numbers

- Over **125 million MWh**
- **1.3 million** retail purchasers, of which **298,000** were businesses
- **25% increase** in Direct procurement

# Green-e<sup>®</sup> Certification



- ✓ **Trusted**
- ✓ **High-quality**
- ✓ **Recognized**
- ✓ **Verifiable**
- ✓ **Transparent**

- 3-party independent review and certification
- Supports Newer and Sustainable Generation
- Regulatory surplus verified
- Reduces buyer reputational risk
- Trusted by reporting agencies

# Supply Must Meet the Green-e® Standard

- 15-year “New Date”
- Must be surplus to regulation
- No double counting, selling or claiming
- GHG reduction benefits must be included
- State-specific requirements and restrictions
- Vintage requirements



Wind



Solar



Biomass



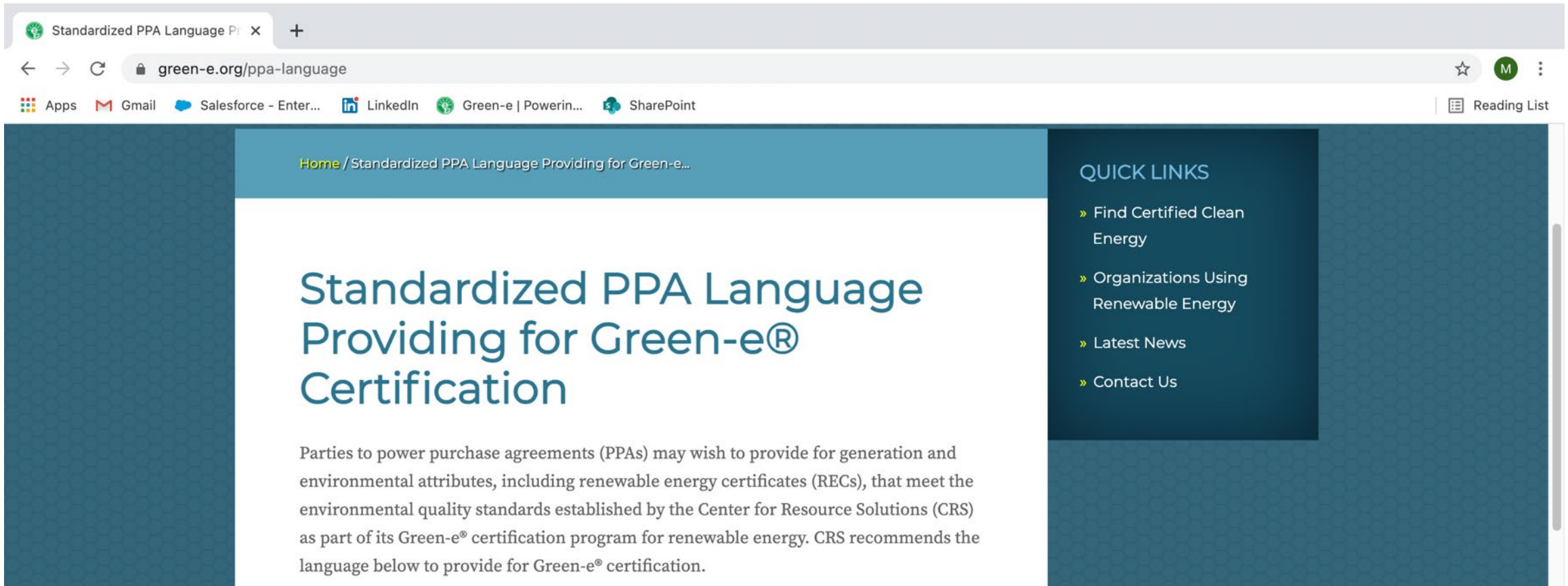
Low-impact  
Hydropower



Geothermal



# Standardized PPA Language Providing for Green-e® Certification



The screenshot shows a web browser window with the address bar displaying [green-e.org/ppa-language](https://green-e.org/ppa-language). The page title is "Standardized PPA Language Providing for Green-e® Certification". The main content area features a large heading and a paragraph explaining that parties to power purchase agreements (PPAs) may wish to provide for generation and environmental attributes, including renewable energy certificates (RECs), that meet the environmental quality standards established by the Center for Resource Solutions (CRS) as part of its Green-e® certification program for renewable energy. CRS recommends the language below to provide for Green-e® certification.

Home / Standardized PPA Language Providing for Green-e...

## Standardized PPA Language Providing for Green-e® Certification

Parties to power purchase agreements (PPAs) may wish to provide for generation and environmental attributes, including renewable energy certificates (RECs), that meet the environmental quality standards established by the Center for Resource Solutions (CRS) as part of its Green-e® certification program for renewable energy. CRS recommends the language below to provide for Green-e® certification.

### QUICK LINKS

- » Find Certified Clean Energy
- » Organizations Using Renewable Energy
- » Latest News
- » Contact Us

# Federal Option

## **Green-e® Energy certified product for Federal Agencies to meet EO 14057**

- Biden administration's EO 14057: Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability
  - Generator must be placed in service on or after October 1, 2021
  - Generator must be in the same grid as where energy is consumed
  - Resources generate no carbon emissions (i.e. no biomass)
- Reduces risk to buyers and sellers to ensure supply complies with EO 14057
- No product base fee for existing Green-e® participants


# Green-e® Citations and Endorsements



**LEED points** issued to buildings using Green-e® certified energy



# Green-e® Certified > CRS Listed

	CRS Listed	 Green-e
<b>Confirms all greenhouse gas reduction benefits are included in the RECs</b> RECs lose carbon attributes in carbon cap-and-trade states/provinces without extra steps required for Green-e® certification to preserve them — learn more at <a href="https://resource-solutions.org/re-fact-sheet/">resource-solutions.org/re-fact-sheet/</a>	✗	✓
<b>Ensures RECs are voluntary purchases (above-and-beyond business as usual); called regulatory surplus</b> RECs used to satisfy state-specific renewable energy mandates are required by law. Don't pay extra for something your provider is already required to source!	✗	✓
<b>Reduces your reputational risk through third-party verification of REC transactions</b> Evaluation to avoid double-counting, -selling or -claiming, and verify that you are getting the correct quantity, resource type, and facility location you contracted for	✗	✓
<b>Certifies that generation is time-stamped close to the time of your purchase</b> 21-month vintage window, which aligns with leading guidance, such as the GHG Protocol	✗	✓
<b>Transparency: clear disclosures and claims review for your auditor/CSR report</b> Make sure no one will question your accounting or marketing statements and that they align with best practices (ex: CDP, SBTi, FTC Green Guides, etc.)	✗	✓

From CRS Listed™ Facilities vs. Green-e® Energy Certified Products



# Green-e® Marketplace

Can also certify Events,  
Locations, Datacenters,  
and EV Fleets/Chargers!

- Provides guidance for making credible, FTC and GHG Protocols compliant renewable electricity claims
- Over 1,000 products made with renewable energy display the Green-e® Certification mark
- Participants include Sephora, Garden of Life, and Procter & Gamble





# Example Participants

GT GreenbergTraurig



CONCHA Y TORO®



INTELLIGENT

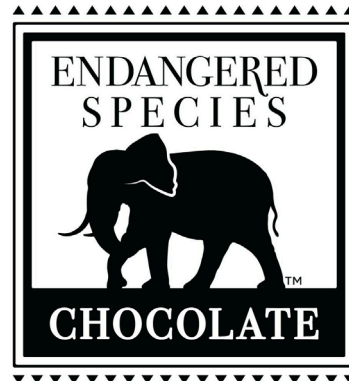
I-N



BIGELOW®



mohawk



Posty Cards®

Office  
DEPOT



goldenomega®

Kao



Cascades



# Find Retail Renewable Energy Options

[www.green-e.org/buy](http://www.green-e.org/buy)

## Find Green-e Certified

Green-e® certified renewable energy and carbon offset products meet the most stringent environmental and consumer protection standards in North America. You can search for certified green power and renewable energy certificate programs for your home or business, and carbon offset products to offset your emissions from activities like driving and flying.

Renewable Energy

Search for certified green power options

Carbon Offsets

Search for certified carbon offsets

Companies

Search for companies that use Green-e certified renewable energy

### Search Results:

Product Type  
- Any -

In State or Province  
- Any -

SEARCH

[www.buycleanenergy.org](http://www.buycleanenergy.org)

Home Why About

## 2. Buy certified clean energy

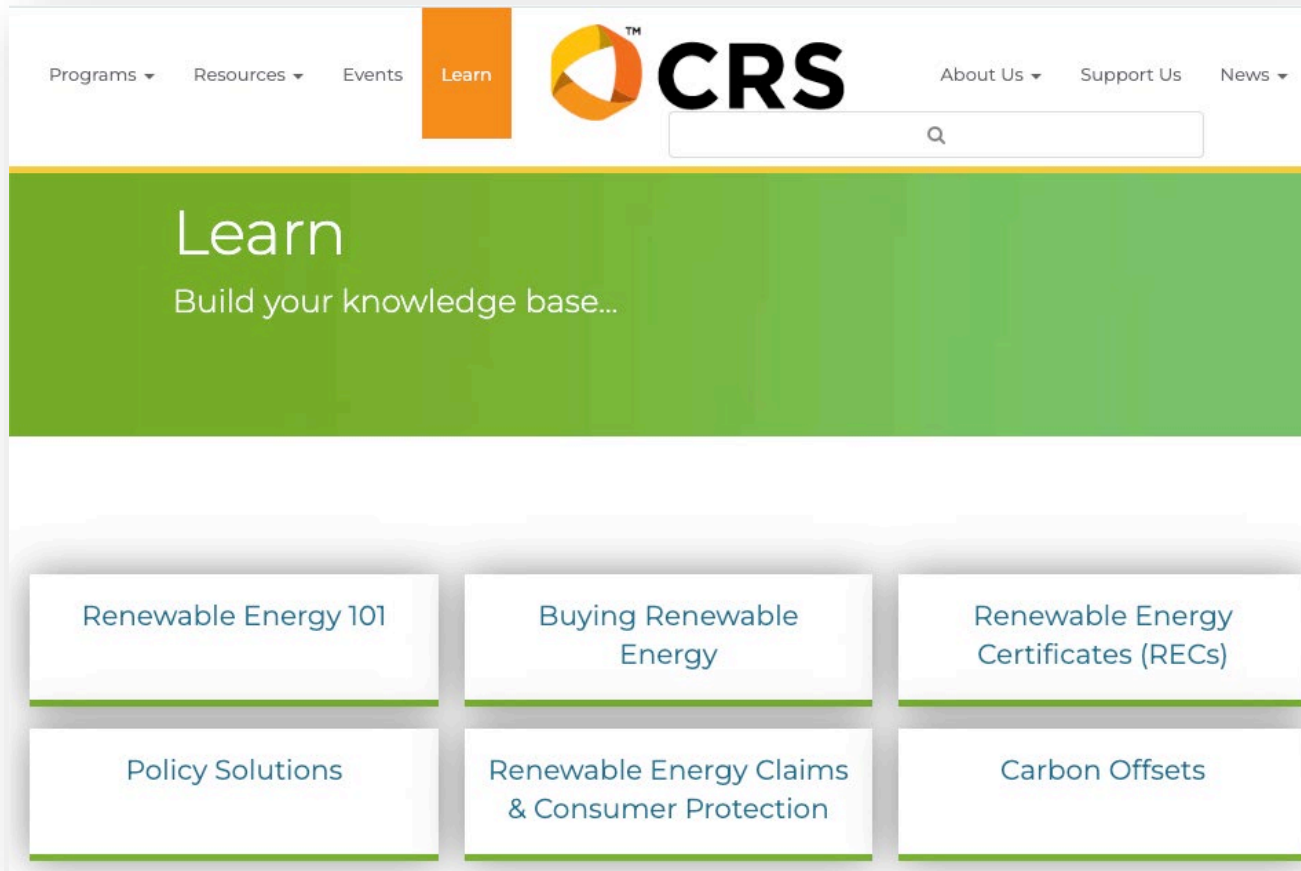
You can buy certified renewable energy right now, or look for options from your local utility or electric service provider.

Once you have determined how much electricity you use in a year, it's time to buy clean energy. You can do this by purchasing renewable energy certificates from a retailer, or you can sign up for a monthly program if one is available from your utility or electricity provider.

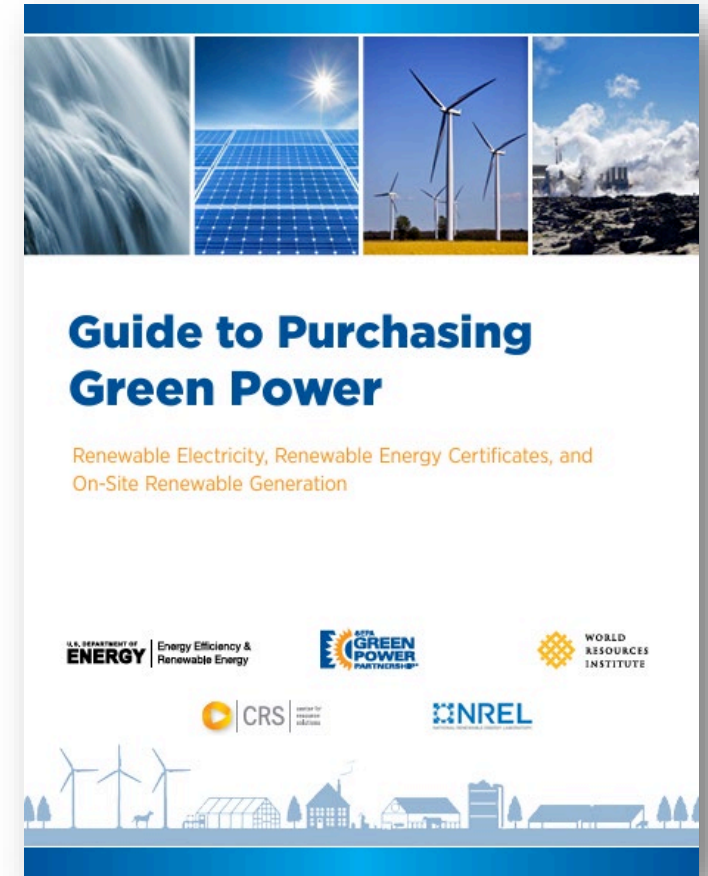
Get started by entering your ZIP code:  Apply

# Additional Resources

[www.resource-solutions.org/learn/](http://www.resource-solutions.org/learn/)



[www.epa.gov/greenpower/guide-purchasing-green-power](http://www.epa.gov/greenpower/guide-purchasing-green-power)





# SINGAPORE

29-30 APRIL 2025



Renewable Energy  
Markets™ **Asia 2025**

# HOUSTON

SEPTEMBER 3-5, 2025



Renewable Energy  
Markets™ **2025**



# Q&A



# Contact.

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