



Solar Power for K-12 Schools

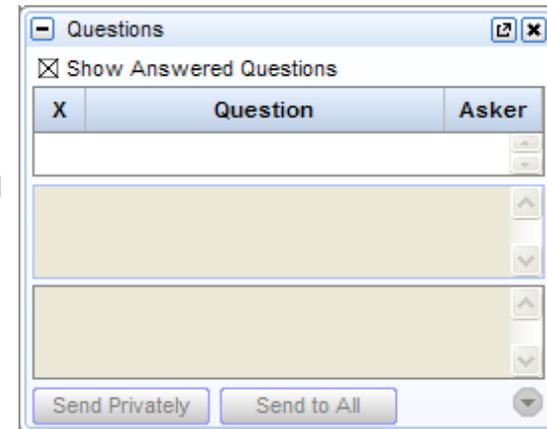
Hosted by the U.S. EPA's Green Power Partnership



Green Power Partnership Webinar
February 4, 2015

Webinar Logistics

- Attendees are muted to reduce background noise.
- Submit questions and comments in writing via the online control panel. →
- To minimize or maximize the control panel, click on the button at the top left of the tool bar.
- Post-webinar survey on this webinar and topics for future sessions.
- Presentations are posted to our website:
www.epa.gov/greenpower/events/4feb15_webinar.htm



Today's Agenda

- Topic: Solar Power for K-12 Schools
- Speakers:
 - Philip Haddix, Program Director, The Solar Foundation
 - Cathy Lin, Energy Manager, Arlington County Public Schools (Virginia)
- Questions & Answers
- Post-webinar survey

Green Power Partnership Overview

- Summary
 - The U.S. EPA's Green Power Partnership is a free, voluntary program that encourages organizations to use green power as a way to reduce the environmental impacts associated with conventional electricity use.
- Objectives
 - Reduce U.S. greenhouse gas emissions
 - Expand the voluntary green power market
 - Standardize green power procurement as part of best practice environmental management
 - Provide recognition platform for organizations using green power in the hope that others follow their lead
- Current Status
 - 1,300 Partners using 28 billion kWh of green power annually, equivalent to the annual carbon dioxide emissions from electricity use of more than three million average American homes.



EPA's Green Power Partnership: Helping You Leverage Your Green Power Use

- **Credible Benchmarks & GHG Quantification**

- Metrics for "How much green power is enough?"
- Definition of eligible renewables & products
- GHG reduction guidance and calculations

- **Planning & Implementation Resources**

- Green power locator
- Purchasing strategy guidance
- Marketing and communications support

- **Recognition**

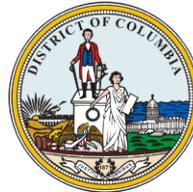
- Top Partner Lists
- Use of the Partner mark
- Green Power Leadership Awards
- Promotional opportunities

- **Best Practices & Innovation**

- Collaborative solar procurement
- New contract mechanisms



EPA's 1,300 Green Power Partners



EPA's Top Partner Lists

National Top 100

Top 30 Retail

Top 10 Federal Government

Top 30 College & University

Top 30 On-site Generation

Long-term Contracts

100% Green Power Users

Fortune 500® Partners

Top 30 Local Government

Top 30 Tech & Telecom

Top 30 K-12 Schools

Dates to Remember

Top Partner List Data Deadlines

January 6, 2015

April 6, 2015

July 6, 2015

October 5, 2015

Top Partner List Update Schedule

January 26, 2015

April 27, 2015

July 27, 2015

October 26, 2015

Find out more about EPA's Top Partner Lists



Top 30 K-12 Schools

Released on January 26, 2015



The Top 30 K-12 Schools list represents the largest green power users among K-12 school partners within the Green Power Partnership. The combined green power use of these organizations amounts to more than 77 million kilowatt-hours of green power annually, which is equivalent to avoiding the carbon dioxide emissions from the electricity use of more than 7,300 average American homes each year.



Utilizing green power...conveys to our students the important role and responsibility that all of us have in safeguarding our environment today and in the future.

– Dr. Pat Murphy, Arlington County Public Schools



Annual Green Power Usage (kWh)	GP % of Total Electricity Use*	Green Power Resources	Providers (listed in descending order by kWh supplied to Partner)	State
1. Austin (TX) Independent School District				
15,429,997	11%	Wind	Austin Energy*	TX
2. Arlington County Public Schools				
4,726,289	9%	Solar, Wind	Dominion Virginia Power*, On-site Generation	VA
3. The Taft School				
4,500,000	100%	Solar, Wind	Hess Energy Marketing*, On-site Generation	CT
4. Sidwell Friends School				
4,237,446	103%	Solar, Wind	Washington Gas Energy Services*, On-site Generation	DC
5. Euphemia L Haynes Public Charter School Inc				
3,922,493	100%	Various	Direct Energy*	DC

K-12 School Partners

- 46 K-12 School Partners
 - Collectively use more than 80 million kilowatt-hours of green power
 - Equivalent to the CO2 emissions from the electricity use of more than 7,500 average American homes for one year.
- 11 K-12 School Partners Generate and Use Renewable Energy On-site
 - 1.5 million kWh onsite wind
 - 1 million kWh onsite solar

White House On-site Renewable Energy Commitment Challenge

- In 2014, President Obama called for organizations nation-wide to commit to supporting the deployment of renewable energy
- The US EPA's Green Power Partnership is tracking progress under this initiative
- You can receive recognition from the White House for making a public commitment to deploy renewable energy
- We are seeking progressive schools and school districts to participate

Commitments:

- Apple Inc.
- BD
- Cisco
- City of Beaverton, OR
- Jackson Family Wines
- Kaiser Permanente
- USDA
- Wal-Mart Stores Inc.

For more information contact:
critchfield.james@epa.gov

More Information

- Basic Information

- Overview of the Green Power Partnership: www.epa.gov/greenpower
- Full details of program requirements:
www.epa.gov/greenpower/documents/gpp_partnership_reqs.pdf
- Green Power Locator:
www.epa.gov/greenpower/pubs/glocator.htm

- More Questions?

- James Critchfield, EPA, 202.343.9442, critchfield.james@epa.gov
- Steven Griffith, ERG, 617.357.4628, steven.griffith@erg.com

