



# **On-site Renewables: Lessons Learned from Idea to Implementation**

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



*Green Power Partnership Webinar  
May 29, 2013  
1:00 – 2:00 p.m. Eastern*

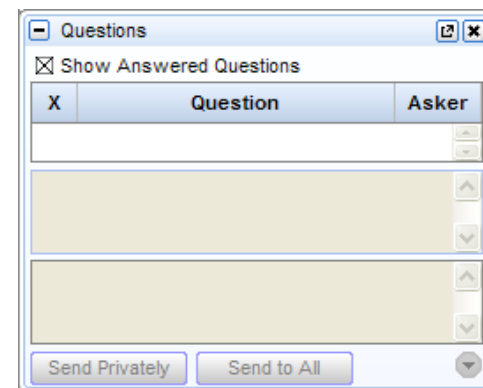
# Today's Agenda

- Introduction and Webinar Logistics
  - Blaine Collison, Green Power Partnership Director
- Long-term Power Purchase Agreements for Wind Power: University Perspectives
  - SC Johnson
  - Richard Crowther, Manager, Sustainable Energy, Coca-Cola Refreshments
- Questions & Answers
- Post-webinar survey

# 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 webinars.
- Today's presentations are available at:

[EPA Webinar Presentations Link](#)

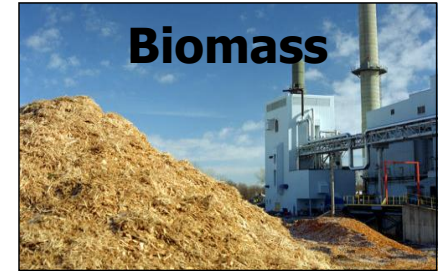


# GPP Webinar Series

- More info and to register:  
<http://www.epa.gov/greenpower/events/index.htm>
- Weds., July 24: Project Alignment Webinar (registration begins June 3)
- Past Webinars of Interest:
  - Long-term PPAs for Wind Power: University Perspectives (Apr. 9, 2013)
  - Innovative Approaches to Climate Goals: Microsoft's Internal Carbon Fee (Apr. 2, 2013)
  - The Solar Roadmap: Navigating the Evolving Solar Energy Market (Mar. 20, 2013)

# What is Green Power?

- Electricity generated from natural resources that replenish themselves over short periods of time, including the sun, wind, moving water, organic plant and waste material (biomass), and the Earth's heat (geothermal).



# Green Power Value Proposition

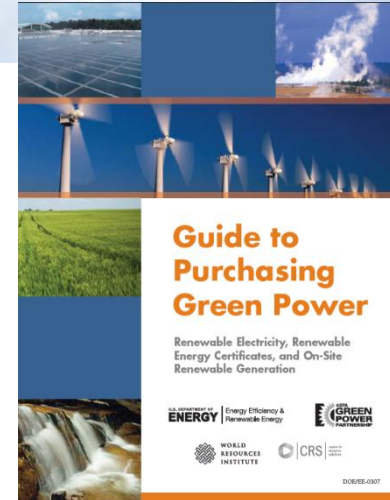
- Environmental
  - Address indirect GHG emissions (Scope 2 emissions)
- Financial
  - Capture potential electricity cost savings
  - Reduce exposure to fossil fuel price volatility
- Economic
  - Support job creation and local/regional economic growth
- Leadership
  - Respond to customers & stakeholders
  - Differentiate brand/products/services
  - Improve employee morale

“Purchasing green power helps our organization become more sustainable while also sending a message to others that supporting clean sources of electricity is a sound business decision and an important choice to help fight climate change.”  
- Jodi Shapiro, Vice President, Environment, Health and Safety, Motorola.



# EPA's Green Power Partnership

- **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 procurement
  - New contract mechanisms



# EPA's 1,400+ Green Power Partners





# Green Power Partners: On-site Generation

- The combined on-site green power consumption of the Partners on our **Top 20 On-site Generation** list amounts to more than 780 million kWh of green power annually. (List current as of March 18, 2013)

| Partner                                    | On-site kWh | On-site % of total electricity use |
|--|-------------|------------------------------------|
| Wal-mart Stores, Inc.                      | 174,835,668 | 1%                                 |
| U.S. Dept. of Energy                       | 110,914,391 | 2%                                 |
| Apple Inc.                                 | 101,506,667 | 16%                                |
| BMW Manufacturing Co./Greer, SC Facilities | 70,883,601  | 38%                                |
| Coca-Cola Refreshments                     | 47,514,240  | 6%                                 |
| U.S. Air Force                             | 36,988,080  | <1%                                |
| Kohl's Department Stores                   | 36,529,000  | 2%                                 |
| City of San Francisco, CA                  | 31,821,946  | 4%                                 |
| SC Johnson & Son, Inc.                     | 27,908,000  | 15%                                |

# GPP Updates

- Renewable Energy Markets conference: Sept. 22-24 in Austin, TX: [Renewable Energy Markets Conference link](#)
- June 17: Green Power Community Challenge rankings update: [Green Power Community Challenge rankings update link](#)
- July 22: Top Partner Rankings update: [Top Partner rankings update link](#)
- Sign up for our monthly program updates and other GPP news on our website: [Sign up for monthly program updates and news link](#)
- [GPP LinkedIn group](#): Continue the conversation with our 400+ members



# Want to Know More?

- Basic Information
  - Overview of the Green Power Partnership: [Overview of Green Power Partnership link](#)
  - Full details of program requirements: [PDF document of program requirements link](#)
  - EPA's Green Power Purchasing Guide: [EPA's Green Power Purchasing Guide link](#)
  - EPA's Green Power Locator: [EPA's Green Power Locator link](#)
- More Questions?
  - Blaine Collison, GPP Director, 202.343.9139, [collison.blaine@epa.gov](mailto:collison.blaine@epa.gov)
  - Mollie Lemon, Communications, 202.343.9859, [lemon.mollie@epa.gov](mailto:lemon.mollie@epa.gov)
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