ENERGY STAR Commercial Food Service Webinar Series

Spotlight on EPA’s Green Power Partnership

Tuesday, April 13, 2021
Introduction to Monthly CFS Webinar Series

Webinars are an opportunity for Partners/Stakeholders:

• To hear news on the latest CFS events, activities, and initiatives at ENERGY STAR
• To learn about program engagement resources and tips
• To engage with ENERGY STAR and each other on industry topics and energy-savings
• To provide feedback on any information gaps and inform the development of new resources
Near-Term ENERGY STAR CFS Activities

- Earth Day – April 22, 2021
- Spring newsletter – April 2021
- CFS equipment calculator updates
- CFS utility midstream program resources – coming soon!
- Active specification revisions:
  - Commercial Refrigerators and Freezers v5.0
  - Commercial Electric Cooktops v1.0
  - Commercial Ovens v3.0
- Webinar Series
  - Next webinar Tuesday, May 18 at 1 PM EST
Stakeholder Breakdown

- Registrations for today’s webinar include:
  - 25 EEPS/Utilities
  - 10 Product Brand Owners
  - 14 Implementers
  - 21 Other
  - 2 Dealers/Distributors
  - 2 Associations
Congratulations to the 2021 ENERGY STAR CFS Winners!

- Partner of the Year: Sustained Excellence: Product Brand Owner

- Partner of the Year

- Excellence in Product Design
Earth Day 2021
Earth Day 2021 Plan

OBJECTIVE

• Position ENERGY STAR and its partners as leaders in creating a path toward a clean energy future through energy efficiency and green power.
• Inspires customers to take their own actions to protect the climate.
  • Drives customers to energystar.gov/earthday with recommended actions including energy efficiency, green power, and electric vehicles

MESSAGE

• Make energy choices that count for you and the climate.

#EnergyChoicesCount
Partner Activation

ENGAGE & AMPLIFY

• Join us on social media April 22 with your message of commitment to energy efficiency or green power combined with the Earth Day video.

• Invite your employees to take the ENERGY STAR Climate Pledge with your own celebratory message to educate them on energy choices that count for Earth Day.

SUPPORTING MATERIALS

• Video, sample social media messaging, CFS web graphics

• Earth Day toolkit available

Energystar.gov/earthday
EPA’s Green Power Partnership

Rebecca Taylor, US EPA
Julie Cahilane, Northwestern University
Agenda

• What is the Green Power Partnership?
• Is the Green Power Partnership right for my organization?
• How will the EPA help me?
• Who else is doing this?
  • Northwestern University
What is the Green Power Partnership

- EPA’s Green Power Partnership is a free, voluntary program that encourages organizations to use green power to reduce the environmental impacts associated with conventional electricity use.
- Specifically offer:
  - Technical assistance
  - Recognition platform to help to promote and publicize your Green Power use
  - Networking with other organizations
Who are Green Power Partners

- Organizations that are leaders in both sustainability and energy
- Partners include:
  - Fortune 500 corporations
  - Higher Education institutions
  - Federal, State and local governments
  - All sized businesses
  - Non-profits
- Currently 700+ Partners
- 100 Green Power Communities
- +70 billion kWh used annually
Why Organizations Become Partners

• Multitude of reasons
  • Financial incentive
  • Improved resiliency
  • Important for customers
  • Helps our brand
  • CEO wants to
  • We need to save the planet
What is Green Power

- **Green power** is a subset of renewable electricity and represents those renewable energy resources and technologies that provide the highest environmental benefit.
  - Meets national standards for product quality and content
  - Green Power is specific to the “voluntary market” and is driven by consumer preference rather than by policy mandate
  - Is generation that is incremental to what is required by mandate

- **Renewable Electricity** is a broader category and includes some resources and technologies that have significant impact on the environment.
Green Power Supply Options

Retail Options

- Retail (Unbundled) RECS
- Utility Products or Programs
- Community Choice Aggregations

Project Specific

- Self- Supply
- Physical PPAs
- Shared Renewables
- Utility Green Tariffs
- Financial Contracts
Green Power Supply Options

<table>
<thead>
<tr>
<th>Will Cost More</th>
<th>May Save You Money</th>
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<tbody>
<tr>
<td>Retail Options</td>
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</tr>
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GPP: Green Power Supply Options

Data Snapshot: 01/26/2021
# Consumer Access to Green Power

<table>
<thead>
<tr>
<th>Green Power Supply Option</th>
<th>Number of States with Green Power Access</th>
<th>Total Green Power Access by Option</th>
<th>Total Green Power Access Compared to Total US Electricity Data</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Customers* (Million)</td>
<td>Electricity Sales (Billions of kWh)</td>
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<tr>
<td>Utility Green Pricing Programs</td>
<td>37</td>
<td>58.3</td>
<td>1097</td>
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<tr>
<td>Competitive Green Power Marketing Products</td>
<td>19</td>
<td>45.2</td>
<td>1017</td>
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<tr>
<td>Community Choice Aggregation</td>
<td>7</td>
<td>3.3</td>
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<tr>
<td>Physical Power Purchase Agreements</td>
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<td>21.8</td>
<td>659</td>
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<tr>
<td>Financial Power Purchase Agreements</td>
<td>50</td>
<td>0.21</td>
<td>756</td>
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<tr>
<td>Renewable Energy (Green) Tariffs</td>
<td>16</td>
<td>3.2</td>
<td>76</td>
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<td>Community Solar/Shared Renewables</td>
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<td>54.3</td>
<td>270</td>
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<td>On-site Generation</td>
<td>48¹</td>
<td>33.7</td>
<td>570</td>
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<tr>
<td>Retail (Unbundled) RECs</td>
<td>50</td>
<td>All</td>
<td>All</td>
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*Draft Preliminary Findings / 2016 Data*
RECS Are Critical To All Supply Options

You are only using Renewable Electricity when you have both a REC and electricity!
Resources Getting Started

Guide To Purchasing Green Power

- Great place to start if you have never purchased green power before
- Authors include EPA, DOE, World Resources Institute, Center for Resource Solutions and NREL
- [https://www.epa.gov/greenpower/guide-purchasing-green-power](https://www.epa.gov/greenpower/guide-purchasing-green-power)
Resource Toolbox

• The “Toolbox” provides a wide range of resources on various steps, topics and issues related to project development supply options
  • Project development process
  • Policy considerations
  • Financing approaches
  • Project economics and evaluation
  • RFP and contracts guidance
  • Consumer claims guidance

• Toolbox: https://www.epa.gov/repowertoolbox

• Searchable Resource Directory: https://www.epa.gov/repowertoolbox/renewable-energy-project-development-resource-directory
Becoming a Partner

• Submit a partnership agreement
• Annual Green Power Data Report
• We feature all partners on our website
  • Quarterly Partner Rankings
  • Green Power Leadership Awards
  • Communication support
Spotlight on Northwestern University

2021 ENERGY STAR Award Winner, Sustained Excellence
Northwestern University & Green Power Partnership

- Partner since 2006
- Utilize RECS to purchase 100,000 MWh
- This investment ranks Northwestern University among the largest college and university REC partners in the nation
- Also have onsite installations
- Won a Green Power Leadership Award in 2015
Northwestern University & ENERGY STAR

- ENERGY STAR Partner since 2015
- ENERGY STAR Partner of the Year Award Winner in 2018 and 2019 and Sustained Excellence Award Winner in 2020 and 2021
- Reduced energy use intensity of its campus buildings by 25% since 2010
- Benchmarking the water use of more than 90 of its buildings in ENERGY STAR Portfolio Manager®
- Working with dining provider to install ENERGY STAR certified products as spaces are renovated
Questions

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  • 202-564-5211
Save the Date for the Next CFS Webinar!

Designing McDonald’s Net-Zero Energy Restaurant and Other Energy Goals

• Tuesday May 18, at 1 PM EDT

More information will be sent through a mass mailer! Email cfs@energystar.gov to confirm you are on the distribution list!