Bonneville Power Administration
Sustainability Program
EPA Federal Green Challenge

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BPA Profile

→ BPA (a component of the US DOE) is a nonprofit, self-funded federal power marketing administration in the Pacific Northwest

→ Congress created BPA in 1937 to deliver and sell the power from the Bonneville Dam

→ BPA now markets wholesale electrical power from 31 federal hydroelectric dams in the northwest, one nonfederal nuclear plant, and several small nonfederal power plants
BPA Sustainability Program

Works to reduce natural resource consumption and greenhouse gas emissions from BPA’s internal operations.
BPA Sustainability Program

• Sustainability Performance Tracking
  • Research + Policy Support
    • Communication + Engagement
Sustainability Performance Tracking
Research + Policy Support

Science-based Targets for Bonneville Power Administration

BPA Science-based 2°C pathway development target setting for 2020

4/23/15
Vincent Hoen and Esther Eggink

Bonneville Power Administration – Portland Office

Solid Waste Assessment Report

Prepared for Bonneville Power Administration – Portland Office
Bonnie Benson, Monique Deloach, and Eric T. Cramer
Community Environmental Services
PO Box 751 - CES
Portland, Oregon 97207
March 30th, 2013

BPA - Scope III GHG Purchasing Analysis
Oregon DEQ - CBG GPP Model Output
Communication + Engagement
Communication + Engagement
EPA Federal Green Challenge
EPA Federal Green Challenge

- Electronics
- Leadership
Electronics

2015
61% EPEAT certified

2016
100% EPEAT certified
Electronics

1/4 the size

4x the memory

1/3 the weight

10x the power
Electronics: Lessons learned

→ Sustainability often comes with co-benefits (e.g., better technology, lighter weight) – find them!

→ Establish master agreements with vendors that prioritize energy efficiency.

→ Energy efficient products are becoming more and more available at better and better prices. It will only get easier from here!
Leadership
Leadership

→ Lloyd EcoDistrict works to develop, support, and accelerate neighborhood-wide sustainability.

→ BPA has been a member since 2012.

→ The Sustainability Program has representation on the board and two workgroups.
Leadership
Leadership: Lessons learned

→ Everybody wins! Mutual exchange of information, experience, and resources.

→ Be savvy about where you devote your hours. Don’t overcommit.

→ Big returns for reputation.
FGC Benefits
BPA-Wide Benefits Of FGC Participation

→ Recognizes hard work that might otherwise be overlooked

→ Validates and increases the visibility of the Sustainability Program

→ Promotes an agency-wide culture of sustainability

→ Provides an incentive to track and report sustainability performance
Federal Green Challenge

REGIONAL WASTE AWARD

PRESENTED TO

Bonneville Power Administration

The Bonneville Power Administration is the recipient of a Federal Green Challenge Award in the category of Waste for developing strategies to reduce waste by 77% in FY19. Thank you for your efforts in reducing your Agency’s environmental footprint.
Thank You!

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