

# Bonneville Power Administration Sustainability Program

EPA Federal Green Challenge

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Sustainability Program Analyst



## 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

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*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



ELECTRIC POWER  
RESEARCH INSTITUTE

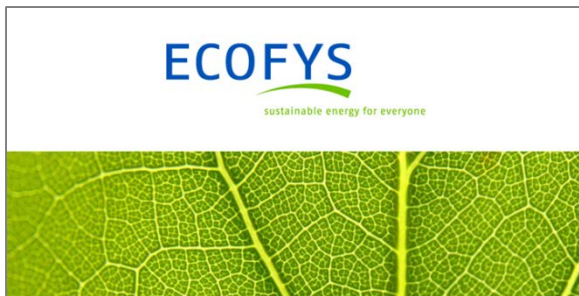


The Climate Registry



U.S. DEPARTMENT OF  
**ENERGY**

# Research + Policy Support



**ECO FYS**  
sustainable energy for everyone

**Science-based Targets for Bonneville Power Administration**

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

Sustainability 2014 at BPA

4/23/15  
Vincent Hoen and Esther Eggink



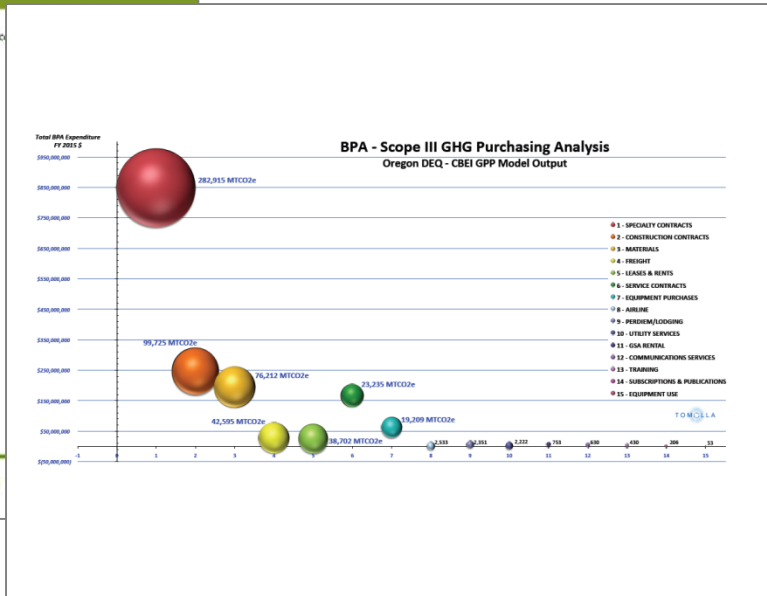
**Bonneville Power Administration – Portland Office**

**Solid Waste Assessment Report**

Prepared for Bonneville Power Administration – Portland Office

Brittany Beannon, Moonrose Doherty, and Eric T. Crum  
Community Environmental Services  
PO Box 751 – CES  
Portland, Oregon 97207

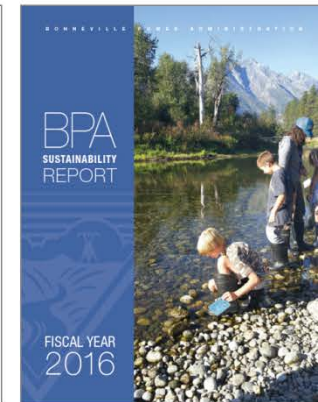
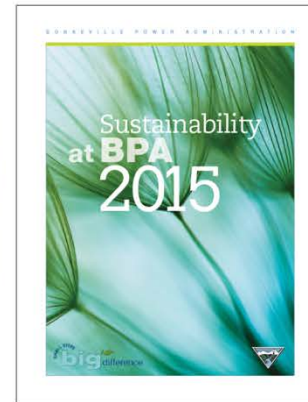
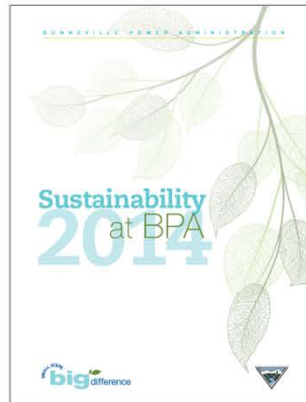
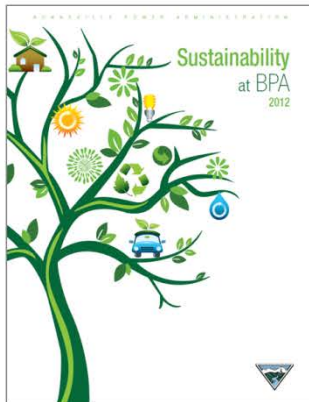
March 26th, 2013



# Communication + Engagement



# Communication + Engagement





# EPA Federal Green Challenge



## EPA Federal Green Challenge



- **Electronics**
- **Leadership**

## Electronics

2015



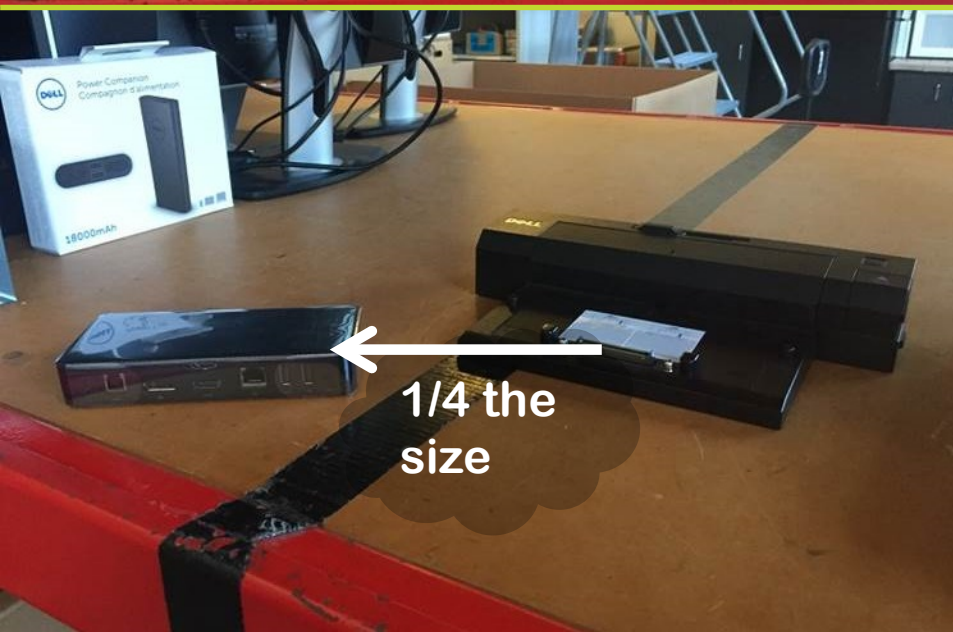
2016



# Electronics



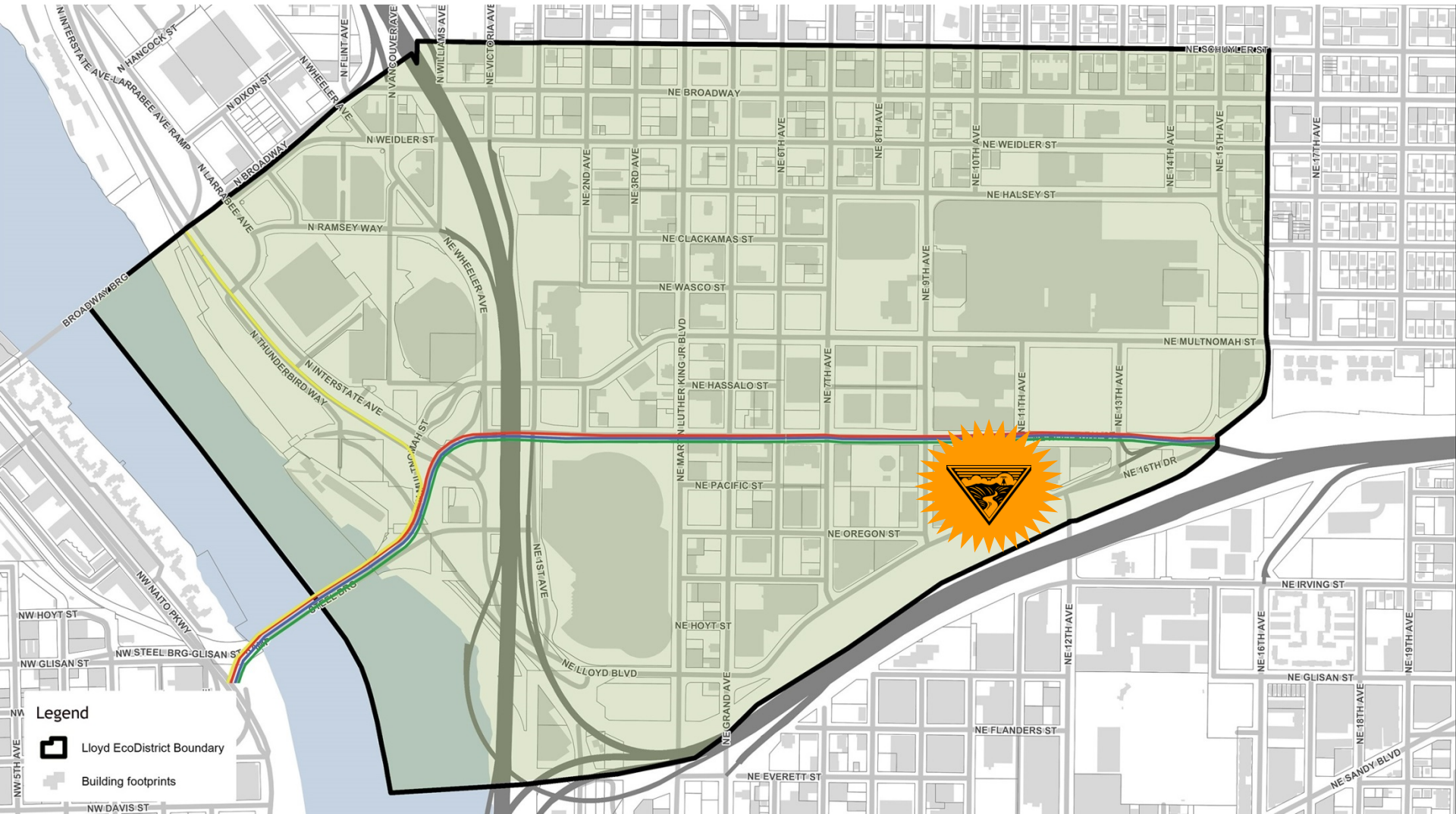
# Electronics



## 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



**Legend**

-  Lloyd EcoDistrict Boundary
-  Building footprints

## 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**



United States Environmental Protection Agency, Pacific Northwest  
**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 increasing their recycled materials by 7% in FY15. Thank you for your efforts in reducing your Agency's environmental footprint!*

*[Signature]*  
Director of Administration  
Regional Administration  
April 2016



CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

**Thank You!**

**Molly Hatfield**

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