

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

EPRI

ELECTRIC POWER
RESEARCH INSTITUTE



The Climate Registry



U.S. DEPARTMENT OF
ENERGY

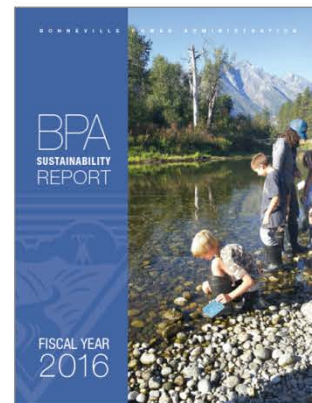
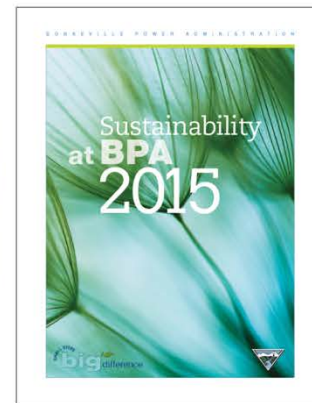
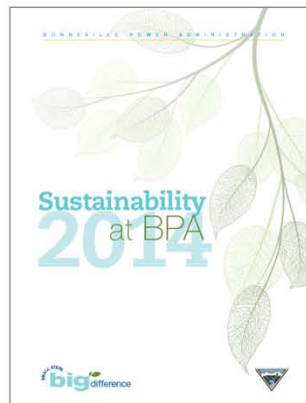
Research + Policy Support



Communication + Engagement



Communication + Engagement



EPA Federal Green Challenge



EPA Federal Green Challenge



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

Electronics

2015



2016



Electronics



Electronics

4x the
memory

1/3 the
weight

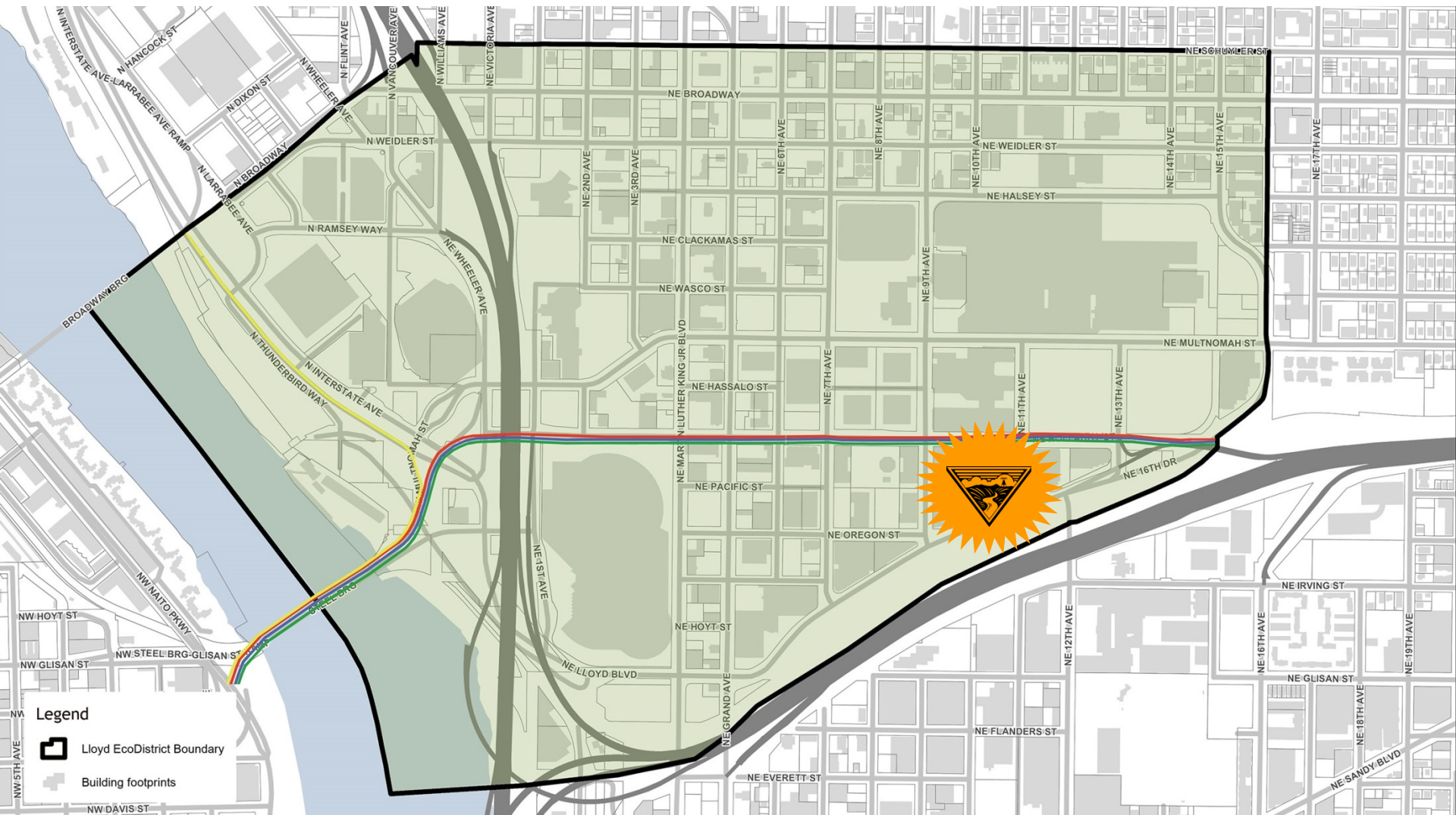
1/4 the
size

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**



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 71% in FY15. Thank you for your efforts in reducing your Agency's environmental footprint!

[Signature]
Director of the Pacific Northwest Region
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CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Thank You!

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