

Sustainability Highlights FY 2019

BPA's Sustainability Office drives resource-efficient policies and practices that deliver long-term, quantifiable value for BPA and its stakeholders. It fosters employee engagement and intra-agency coordination while ensuring compliance with federal mandates.

The office supports the strategic goals laid out in the BPA 2018–2023 Strategic Plan through resource-conservation and cost-management initiatives to sustain financial health, increase operational efficiencies and lengthen the lifespan of assets.

To learn more about the Sustainability Office beyond its fiscal year 2019 highlights, visit www.bpa.gov/sustainability for more information on its efforts around the agency, in-depth sustainability metrics, articles and more.



2019 AWARDS

Lloyd EcoDistrict Sustainable Leadership Award, Cornerstone

Honors BPA's long-term partnership with Lloyd EcoDistrict and the agency's enthusiastic efforts to promote sustainability locally and regionally.

Federal Energy Management Program Spotlight, Jennifer Hollenbeck

Acknowledges the FY 2018 accomplishments of a BPA engineer, who spearheaded 25 energy efficiency projects with estimated lifetime energy savings of more than 1.3 million kilowatt-hours and annual cost savings of more than \$91,000.

Environmental Protection Agency Federal Green Challenge Award, Electronics

Presented to BPA for the IT department's comprehensive replacement of nearly 2,000 pieces of electronic equipment with Energy Star certified products rated by the Electronic Product Environmental Assessment Tool as silver or higher.

Environmental Protection Agency Federal Green Challenge Award, Materials Management

Awarded to BPA for the agency's FY 2018 waste recovery efforts which led to a 63.5% increase of recycled materials and a 94% overall recovery rate.

A YEAR IN REVIEW Sustainability metrics

BPA prioritizes responsible environmental stewardship and strives to integrate sustainable practices into all aspects of the agency. BPA's Sustainability Office monitors sustainability performance in the following areas to promote transparency and further improve agencywide policies and practices.

WASTE MANAGEMENT



BPA's waste management efforts, led by its Investment Recovery Center, resulted in a recovery rate of 92%, which means the agency:

Reduced its waste 13.8% from the previous year

And kept 2,107 tons of waste out of the landfill:



3,709,466 lbs

METAL



436,040 lbs

GLASS



69,482 lbs

E-WASTE

ENERGY AND WATER CONSUMPTION



BPA's Utility Management Program monitors energy and water consumption at its facilities. The program focuses on improving a high-performance building portfolio that uses energy and water in the most efficient, cost-effective and environmentally responsible manner possible, helping BPA:

Complete over 30 strategic energy and water efficiency projects across its service territory, such as LED lighting retrofits and recommissioning efforts.

Decrease its energy consumption by over 1.5 million kBtu, or 2% from the previous year.

Reduce its water consumption by nearly 4 million gallons, or 13% from the previous year.

ADDITIONAL METRICS

Category	Unit	FY 2018	FY 2019	% Change
OFFICE SUPPLY PURCHASES				
Paper	Pounds	114,398	115,954	1.6%
EPEAT Equipment	Units	1,801	911	-49%
Non-EPEAT Equipment	Units	8	9	13%
POLLINATORS				
Habitat Enhanced	Acres	21,668.70	22,335.96	3.1%
FUGITIVE EMISSIONS				
Sulfur Hexafluoride (SF6)*	Pounds	3,720	4,703	26.4%

*SF6 emissions are tracked on a calendar year basis. Though leakage rates vary from year to year for various reasons, BPA's annual leak rate has sat well below 1% since 2014.