

# STAY INFORMED ON DOE'S SUSTAINABILITY PERFORMANCE

## Sustainability Performance Division Office of Management (MA-53)

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### Get Involved in DOE's Sustainability Initiatives

- **50001 Ready:** Free & self-guided approach to strategic energy management based on guidance from the International Organization for Standardization.
- **FEMP's Technical Resilience Navigator:** A risk-informed resilience planning tool to identify and prioritize resilience solutions.
- **Smart Labs:** Commit to reducing energy use in labs by at least 20% over the next 10 years.

## DOE Sustainability Awards & Scorecard Performance

2019



Savannah River Site established a small drone program to inspect a decommissioned reactor – **providing quick inspections at half the cost of a helicopter and using no fossil fuels.**

2018



Argonne National Laboratory renovated an old gas station into a smart energy plaza – **increasing on-site solar energy production by 73% and electric vehicle charging stations by 46%.**

2017



Bonneville Power Administration improved their data center efficiency – **consolidating its data centers from 967 servers to 501 in one year.**

2016



Rocky Flats Site developed a replacement for a zero-valent iron system by building a groundwater treatment component operating on solar/battery power – **saving ~3.6 MT of CO<sub>2</sub>e each year.**

2014



Pantex Plant developed a program to repurpose site-generated wastewater to irrigate agricultural crops – **saving 1.5 billion gallons of water.**

2013



Brookhaven National Laboratory hosted the largest utility-scale solar PV electricity generating plant in the Northeast U.S. – **a 32-MW array producing enough electricity to power ~4,500 homes.**

2012



National Energy Technology Laboratory met their FY20 water intensity goal via their Environment, Safety & Health Management Plans – **reducing potable water intensity by 14.8 gallons per GSF.**

### Apply for the 2020 Sustainability Awards!

- Visit the [SPD website](#) for the nomination form with categories and instructions.

### FY 2018 OMB Scorecard Overview

Facilities Energy Intensity from FY03	-38.2%
Change from FY17	-1.2%
Renewable Electricity Use	30.5%
Potable Water Efficiency from FY07	-32.4%
Change from FY17	-2.9%
High Performance Sustainable Buildings (HPSB) by Building Count	12.8%
Petroleum use in Covered Fleet from FY05	-37.3%