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U.S. DEPARTMENT OF
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Better Plants Newsletter - May 2018

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BETTER PLANTS

NEWSLETTER

NEWS FROM THE FACTORY FLOOR

Partners Explore NREL Facilities and Research Projects at 2018 Technology Days

On April 24 and 25, Better Plants partners and prospects gathered at the [National Renewable Energy Laboratory](#) (NREL) in Golden, Colorado, for the 2018 Technology Days. Technology Days are prime opportunities for industrial energy and R&D staff to tour facilities at national laboratories, discover innovative technologies under development, network with lab staff and each other, and learn how to leverage research and technologies through lab-industry partnerships.

Participants received presentations on a variety of interesting projects at the lab with industrial applications. They were also able to engage with onsite researchers and get firsthand looks at technologies under development during tours of several state-of-the-art facilities:

- [Research Support Facility](#)
- [Energy Systems Integration Facility](#)
- [Integrated Biorefinery Research Facility](#)
- [National Wind Technology Center](#)
- [Composites Manufacturing Education and Technology Facility](#)



Of course, **you don't need Technology Days to visit a DOE national lab. Contact your TAM or us at BetterPlants@ee.doe.gov to discuss opportunities.**

Fall 2018 In-Plant Trainings Awarded

Better Plants is pleased to announce the awardees of In-Plant Trainings (INPLTs) for the fall of 2018! INPLTs are workshops led by Better Plants experts that train participants on how to identify, implement, and replicate energy-saving projects and conduct assessments on industrial systems.

A select number of the below trainings will be open to outside participation from other Better Plants partners and prospects. **If you are interested in attending an INPLT, please contact your Technical Account Manager.** If you are interested in hosting an INPLT in the future, the next application period will open later this year.



Host Plant Name / City, State	Energy Training Type
Saint-Gobain Corporation / Carrolton, KY, or Norwood, MA	Treasure Hunt Exchange
3M Corporation / Charlotte, NC	50001 Ready
J.R. Simplot Company / Rock Springs, WY	Multi-System

May 2018

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[VISIT THE BETTER PLANTS WEBSITE](#)

UPCOMING EVENTS

- [40th Industrial Energy Technology Conference](#) (June 12-14, New Orleans, Louisiana)
- [Better Buildings Summit](#) (August 21-23, Cleveland, Ohio)
- [World Energy Engineering Congress](#) (October 17-19, Charlotte, North Carolina)

WANT TO LEVERAGE THE NATIONAL LABS BETTER?

DOE just launched a [competitive solicitation](#) for its Technologist in

City of Grand Rapids Water Resource Recovery Facility / Grand Rapids, MI	Pumping
Intertape Polymer Group / Blythewood, SC	Treasure Hunt Exchange
Ingevity Corporation / DeRidder, LA	Multi-System
Schneider Electric / Foxboro, MA	Steam
Cooper Standard / Bowling Green, OH	Compressed Air
KYB Americas / Franklin, IN	Treasure Hunt Exchange

Join Better Plants as a Speaker at the World Energy Engineering Congress

Better Plants is a sponsor of the [World Energy Engineering Congress](#) (WEEC), the largest energy conference and technology expo in the U.S. for industrial energy users. This year, WEEC will be held in Charlotte, North Carolina, from October 17 to 19, and Better Plants is **looking for speakers** for our industrial-focused sessions:



- Sweet! Leveraging DOE's Integrated Tool Suite and Resources
- The Power of Partnerships
- Managing Resources: Energy, Water, Waste, People
- Renewable Energy for Manufacturers

If you have insights to share on any of these topics and are interested in presenting at WEEC in October, please email us at BetterPlants@ee.doe.gov.

Sign-Up for the 2018 Better Buildings Summit and Plant Tours

The [2018 Better Buildings Summit](#) will be August 21-23 in Cleveland, Ohio. This year, we're partnering with the Department of Energy's Energy Exchange, the nation's premier conference on energy management in federal facilities.

The Better Buildings Summit portion of the event will be primarily on the 22nd and 23rd with some pre- and post-event workshops taking place on the 21st and 24th. This year, attendees can look forward to a **dedicated industrial track** with the following sessions:

- Getting to 25%: Planning and Execution Towards a Big Energy Goal
- Emerging Technologies in Manufacturing
- Water: Re-purposing a Corporate Energy Management System for Water Efficiency
- Transition Planning for Energy Managers

In addition, there will be a full day of **cross-cutting sessions** with direct relevance to the industrial sector, including topics like:

- Metrics and Big Data
- Resiliency
- Communicating Sustainability at the Executive Level
- 50001 Ready/Superior Energy Performance (SEP)
- Enhancing Energy Affordability in Rural Communities
- Efficiency in Light Manufacturing, Distribution, and Logistics
- Alternative Financing for Projects

The Summit portion of the event will be very similar to previous years, but the combined event will give attendees access to all Energy Exchange offerings, including: additional sessions and technical trainings, opportunities to earn CEUs, access to the trade show, and more networking opportunities. **Early bird registration is open until June 15.**

This year's Summit will also feature **tours on the morning of Wednesday, August 22, of the nearby manufacturing facilities of three partners: ArcelorMittal, Ford Motor Company, and PPG.** Participants will get a firsthand look at these partners' manufacturing processes and innovative energy efficiency practices. Please register for the Summit and contact us at BetterPlants@ee.doe.gov if you're interested in one of the tours!

Energy Manager Today Recognizes 75 Leaders in the Field

Energy Manager Today has recognized several leaders at Better Plants partners as part of 75 honorees in 2018. "The list is not the be-all and end-all of individual energy knowledge," the [announcement](#) states, "and we know there are many, many people working successfully and persistently – and out of the public eye – to improve energy management. That being said, these 75 Honorees have come to our attention as those who provide their companies with results that are worthy of recognition."



- **Stephen Cannizzaro**
Director, Environmental Health and Safety
[General Dynamics](#)
- **Kevin Geoghegan**
Global Energy Conservation Manager
[Intel Corporation](#)
- **John Hoekstra**
Vice President of Sustainability and Cleantech Operations
[Schneider Electric – Energy & Sustainability Services](#)
- **Bhuvnesh Joshi**
Corporate Energy Engineer
[Legrand North & Central America](#)

Residence program, which pairs senior technical staff from national labs and manufacturers to work together towards long-term strategic collaborative partnerships and impactful manufacturing solutions. More than a one company-one lab partnership, industry will gain insight and build relationships across the National Lab enterprise, developing streamlined methods for establishing relationships that result in high-impact R&D solutions.

Interested industry partners are encouraged to contact Eli Levine at Eli.Levine@EE.Doe.Gov with questions and to help identify a lab with whom to partner and apply for this opportunity.

MEET THE PARTNERS

Since the last newsletter, three partners have joined the Better Plants family and pledged to reduce energy intensity in their U.S. manufacturing operations by 25% within ten years:

- [Avon Lake Regional Water](#) - water and sewer service provider to 200,000 residents in northeast Ohio.
- [Dixline Corporation](#) - global metal fabrication and finishing company.
- [Donsco Inc.](#) - single source provider of machined iron castings.

Welcome to all three new partners!

OTHER NEWS: SHAW INDUSTRIES ACHIEVES CARBON NEUTRALITY

Smart Energy Decisions [reports](#) that Better Plants partner and energy goal achiever Shaw Industries Group, Inc., announced that it has achieved carbon neutrality in its global carpet manufacturing-operations. "At Shaw, we believe in creating a better future," Tim Conway, vice president of sustainability for Shaw's commercial division, noted in the company's [press release](#). "We understand the challenges of climate change are global in scale and require a global response. No one company can solve problems at this scale by itself, but we can each contribute to an effort that enables all of us to create a wave of change for the better. What we manufacture and the spaces our clients design make an impact. By reducing Shaw's carbon footprint, we reduce the impact of what we create together."

MEDIA SPOTLIGHT: BETTER BUILDINGS SWAP



- **James McCall**
Global Product Supply Sustainability Leader
[Procter & Gamble](#)
- **Saroja Raj**
Energy and Environment Program Manager
[Lockheed Martin Corporation](#)
- **Ryan Spies**
Process Sustainability & Energy Manager
[Saint-Gobain North America](#)
- **Ken Walma**
Vice President and General Manager, Connected Buildings
[Eaton](#)

The Department of Energy's Jay Wrobel, who helps oversee the Better Plants Program in his role as Technical Partnerships Manager, was also included in the Energy Manager Today 75. Congratulations to all the honorees!

In case you missed it, the latest season of the Better Buildings Challenge SWAP features two Better Plants partners, General Motors and L'Oréal, in a case of "headlights vs. highlights." In the online video series, the companies swap energy management teams to gain new insights, save money, and improve the energy performance of their industrial facilities. The result is an informative, behind the scenes look at what it takes to improve manufacturing competitiveness through energy efficiency.

Check out the three episodes and bonus features [here](#). The videos have more than 3.5 million cumulative views!

RESOURCE SPOTLIGHT

C. F. Martin and Co. Shares Showcase Project on Retrofitted HVAC System

Better Plants Challenge partner C. F. Martin and Co. (Martin Guitar) recently published a showcase project on the retrofitting of the HVAC system at their Nazareth, Pennsylvania, guitar manufacturing facility. The project included a host of improvements, including three new water-cooled chillers, three new high-efficiency condensing boilers, and 18 new custom air handling units. After its completion, Martin Guitar saw a 20 percent reduction in facility-natural gas consumption and a 46 percent reduction in electricity consumption. These savings translated into a 27 percent improvement in energy intensity at the Nazareth plant and more than \$500,000 in reduced annual energy costs. [Explore the full solution](#) for additional details.



MEDIA SPOTLIGHT: J.R. SIMPLOT FEATURED IN PODCAST



[The latest episode of the GreenBiz 350 Podcast](#) includes a feature on Better Plants Challenge Partner J.R. Simplot's sustainability efforts: "Brandy Wilson, sustainability director, digs into her priorities for the privately held food company and why water management is a strategic priority. Plus, why (and how) the company created a LEED-certified french fry factory."

SHARE THE BETTER PLANTS NEWSLETTER

Forward this email to colleagues or encourage them to sign up to receive each issue themselves. To subscribe, please email BetterPlants@ee.doe.gov.

Thanks to all the applicants for this year's Better Practice and Better Project awards; the winners will be announced at the Better Buildings Summit in August 2018!

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