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U.S. DEPARTMENT OF  
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## Better Plants Newsletter - July 2018

DOE Office of Energy Efficiency and Renewable Energy sent this bulletin at 07/16/2018 04:31 PM EDT



## BETTER PLANTS

### NEWSLETTER

#### NEWS FROM THE FACTORY FLOOR

##### The Better Buildings Summit is in One Month!

The [2018 Better Buildings Summit](#) is just a month away: 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**, along with many cross-cutting sessions, an Ask-an-Expert booth with industrial topics, and several exclusive networking opportunities. The afternoon of Wednesday, August 22, will also feature a recognition ceremony for goal achieving-partners, winners of this year's Better Practice and Better Project awards (please see below for the full list), 50001 Ready partners, and Superior Energy Performance-certified facilities. The Wednesday event will include a presentation by the Director of the Advanced Manufacturing Office, Rob Ivester, along with an opportunity to provide feedback and input on DOE's work. **Please see attached for a detailed, industrial-focused agenda.**

This year's Summit also features **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. Spots are limited, so please email [Robert.Lung@ee.doe.gov](mailto:Robert.Lung@ee.doe.gov) for more information and to sign up for a tour.

In addition to all of these exciting offerings, the combined Summit event gives 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. [Register now!](#)

##### Congratulations to 2018 Better Practice and Better Project Awardees

Better Plants is excited to announce the winners of 2018 Better Practice and Better Project awards, chosen from a slate of very strong submissions. Better Practice awards recognize innovative and industry-leading accomplishments in implementing and promoting practices, principles and procedures of energy management. To be eligible, practices must be shown to drive organizational/cultural changes that facilitate improvements in energy performance.

##### 2018 Better Practice awardees:

- Owens Corning – Composites Solutions Business Energy Team Challenge Awards
- ArcelorMittal – ArcelorMittal USA Energy Management ToolBox
- TE Connectivity – Company-wide Energy Treasure Hunt Deployment
- Celanese – Energy Management Assessment Matrix
- Quad Graphics – Baseload energy reduction initiative
- Ingersoll-Rand – Waco Green Team

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[VISIT THE BETTER PLANTS WEBSITE](#)

##### UPCOMING EVENTS

Better Project awards recognize outstanding accomplishments in implementing industrial energy and water efficiency projects as well as renewable energy and energy resiliency projects. To be eligible, projects need to be discrete, innovative, have strong energy savings and are replicable in similar industrial plants.

**2018 Better Project awardees:**

- Raytheon – Raytheon Fullerton Battery Storage System
- MedImmune – Combined Heat and Power System
- Saint-Gobain – Advanced Energy Monitoring with Wireless Submetering
- LA Bureau of Sanitation – Hyperion Bio-Energy Facility Digester Utilization Project
- JR Simplot – Blend Tank System
- General Motors - Building Automation System Upgrade Project at GM’s Romulus, MI Plant

Better Plants looks forward to recognizing awardees at ceremonies at the upcoming Better Buildings Summit and World Energy Engineering Congress, where partner representatives will be given certificates and an opportunity to briefly discuss their successful practices and projects. All applications are eligible for conversion to implementation models and showcase projects for display on the Solution Center.

**In-Plant Trainings Scheduled for Fall 2018**

In-Plant Trainings (INPLTs) for the fall of 2018 are being scheduled! 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	Date
Saint-Gobain Corporation / Norwood, MA	Treasure Hunt Exchange	November 11-14
3M Corporation / Charlotte, NC	50001 Ready	TBD
J.R. Simplot Company / Rock Springs, WY	Multi-System	TBD
City of Grand Rapids Water Resource Recovery Facility / Grand Rapids, MI	Pumping	TBD
Intertape Polymer Group / Blythewood, SC	Treasure Hunt Exchange	August 12-14
Ingevity Corporation / DeRidder, LA	Multi-System	TBD
Schneider Electric / Foxboro, MA	Steam	October 23-25
Cooper Standard / Bowling Green, OH	Compressed Air	October 23-25
KYB Americas / Franklin, IN	Treasure Hunt Exchange	September 30-October 2

**TE Connectivity and Eastman Chemical’s Sharon Nolen Celebrated at IETC**

DOE sponsored the Industrial Energy Technology Conference, which was held in New Orleans from June 12-14. IETC helps educate the industrial energy community regarding industrial innovations, energy use and waste reduction programs, and the latest in various state and federal programs affecting industry. TE Connectivity, a Better Plants Challenge partner, and Sharon Nolen of Eastman Chemical, also a Better Plants Challenge partner, were honored at a rewards luncheon for their energy efficiency leadership; they received the 2018 IETC Energy Awards for a company and individual, respectively. Congratulations to both!



[This year’s conference](#) also featured eleven technical sessions and panel discussions and over forty individual presentations, including several by Better Plants TAMs. Valri Lightner, the acting Deputy Director of the Advanced Manufacturing Office (AMO), gave a keynote address in which she emphasized the partnership aspect of AMO’s programs, particularly the technical assistance programs. Ms. Lightner also recognized TE Connectivity and Ms. Sharon Nolen in her remarks.

**Join Better Plants at the World Energy Engineering Congress in October**

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 organizing **four 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



We hope you register and look forward to seeing you there!

- [Financing Navigator 2.0 Demo for Industrial Sector-Webinar](#) (July 26, online)
- [Better Buildings Summit](#) (August 21-23, Cleveland, Ohio)
- [World Energy Engineering Congress](#) (October 17-19, Charlotte, North Carolina)

**FACILITY POSTERS NOW AVAILABLE FOR PARTNERS**



Better Plants has begun to deliver complimentary, customized posters to partners. These posters are meant to be displayed in partner facilities to highlight their participation in either the Better Plants Program or Challenge, as well as their ambitious goals: typically to reduce energy intensity by 25% over a 10-year period across all their U.S. operations. If you’re attending the Summit or WEEC and would like to receive your poster then, please email [BetterPlants@ee.doe.gov](mailto:BetterPlants@ee.doe.gov); otherwise, partners can expect them in the mail at a later date.

**OTHER NEWS: INAUGURAL STEAM WORKING GROUP MEETING HELD**

At the Industrial Energy Technology Conference in June 2018, Better Plants hosted the first industrial technology working group meeting, with a focus on steam systems. The working groups bring together representatives from multiple partners are meant to be platforms to share best practices, identify industry trends and challenges, and gather feedback on industry needs in regard to technology R&D. Working groups on several other technology focus areas are planned.

**OTHER NEWS: VOLVO GROUP NORTH AMERICA LEARNS ABOUT OAK RIDGE NATIONAL LAB RESOURCES**



Volvo Group North America, a Better Plants Challenge partner, organized its Energy Network North America Meeting (VENNA) at Oak Ridge National Laboratory (ORNL), bringing some of its

energy management staff from 8 manufacturing facilities and 6 Prevest service centers to one of the nation's epicenters of innovation and technology. ORNL staff provided overviews of resources for the private sector and ongoing R&D projects and tours of lab facilities. Learn more by checking out the [recap blog post](#).

#### OTHER NEWS: PARTNERS TALK ABOUT BETTER PLANTS EXPERIENCE AT OHIO MANUFACTURING ASSOCIATION FORUM

In June, Better Plants' Eli Levine traveled to Columbus, Ohio, to speak at the Ohio Manufacturers' Association Sustainability Peer Network Forum. This all-day event showcased the resources of the Better Plants program, and gave partners Navistar, Honda, and Whirlpool a chance to talk about their experiences and how they are leading on energy reduction.

## MEET THE PARTNERS

### Fiat Chrysler Automobiles and Imerys Carbonates North America Join Better Plants

Two energy efficiency leaders have joined the Better Plants family: Fiat Chrysler Automobiles (FCA) and Imerys Carbonates North America. FCA is the world's eighth largest automaker, including brands such as Chrysler, Dodge, Fiat, Jeep, and Ram Trucks; Imerys Carbonates North America is the provider of over 250 calcium carbonate and multi-mineral customer solutions. Both new partners have pledged to reduce energy intensity in their U.S. manufacturing operations by 25% within ten years.



### Martin Guitar's Good Work Highlighted in DOE Leadership Visit

Daniel Simmons, the nominee for Assistant Secretary in DOE's Office of Energy Efficiency and Renewable Energy, toured C.F. Martin & Co.'s (Martin Guitar) Nazareth, Pennsylvania, flagship plant in June 2018 to promote the partner's energy efficiency leadership. Simmons and other DOE officials toured the partner's central hot/chilled water plant along with the manufacturing facility and museum.



Through an investment of more than \$8 million in a HVAC overhaul, Martin Guitar has cut electricity use by 46 percent and natural gas consumption by 20 percent since November 2016. These savings translate into a 27 percent improvement in energy intensity at the plant and more than \$500,000 in reduced annual energy costs. The partner is a goal achiever and winner of a 2017 Better Project award. You can read some of the local news coverage of the visit here:

- [Lehigh Valley Business](#)
- [Lehigh Valley Live](#)
- [WFMZ-TV](#)

## RESOURCE SPOTLIGHT

### New Technology Focus Webpages Launched

Better Plants content in the online Solution Center has been reorganized around 13 [technology focus areas](#):

- [Building Envelope and Modeling](#)
- [Combined Heat and Power \(CHP\)](#)
- [Compressed Air](#)
- [Fans](#)
- [Lighting](#)
- [Motors](#)
- [Process Cooling and HVAC](#)
- [Process Heating](#)
- [Pumps](#)
- [Refrigeration](#)
- [Renewables, Distributed Generation, and Microgrids](#)
- [Steam](#)
- [Water](#)



These individual technology focus area-webpages are meant to be one-stop shops for partners looking for actionable solutions for energy efficiency challenges involving specific systems. Each page contains links to helpful resources, such as relevant Better Plants showcase projects and implementation models, DOE tipsheets and publications,

software tools, webinars, and contact information for a subject matter expert. Please explore the new pages and let us know what you think!

## Financing Navigator 2.0 Demo-Webinar Scheduled for July 26

The [Better Buildings Financing Navigator](#) is an online tool developed by the Department of Energy that helps public and private sector organizations find financing solutions for energy efficiency and renewable energy projects. The tool helps users understand the array of financing solutions for energy projects that are available in the market and easily explore which option may be best for them.

The recently released Version 2.0 features renewable energy financing options, a smart database of financing providers that can be searched and filtered, a compendium of sector-specific and location-specific financing resources, updated market data and insights, a fresh modern design, and more. Learn more about the tool and its industrial applications by [registering](#) for a demonstration webinar taking place on Thursday, July 26, from 1:00-2:00 pm EST.

## EnPI Tool Overview-Webinar Posted Online

The [Energy Performance Indicator \(EnPI\) V5.0](#) is a regression analysis based tool developed by DOE to help plant and corporate managers establish a normalized baseline of energy consumption, track annual progress of intensity improvements, energy savings, Superior Energy Performance (SEP) EnPIs, and other EnPIs that account for variations due to weather, production, and other variables. The tool is designed to accommodate multiple users including Better Buildings, Better Plants Program and Challenge Partners, 50001 Ready and SEP participants, other manufacturing firms, and even non-manufacturing facilities such as data centers. A webinar in which Oak Ridge National Lab's Sachin Nimbalkar walks through how to use the EnPI tool has been posted online, along with a transcript and Sachin's presentation slides. [Check it out!](#)

## SHARE THE BETTER PLANTS NEWSLETTER

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