



Monthly News

OCTOBER 2021

I recently attended the US National Committee of CIGRE Grid of the Future event in Providence, RI. It was great to be back in-person with about 90 other attendees. While still observing COVID-19 protocol, it was great to network with the industry and hear what is on top of mind for our industry colleagues, customers and stakeholders. The key theme that kept emerging in the panels and paper sessions is the energy transition towards net-zero carbon solutions. Grid integration of technology was discussed in many of the paper sessions, everything from HVDC interconnects to electric vehicle charging infrastructure. Another common theme was staffing and education for the future power system expertise and how experienced engineers and industry experts need to mentor our next generation talent.

I was also proud to share that Nick Miller, our retired colleague from GE Energy Consulting and Hickoryledge Principal, was recognized for his lifetime of contributions to CIGRE and the electric power industry with the [USNC Philip Sporn Award](#).



Nick Miller receives USNC Philip Sporn Award at US National Committee of CIGRE, Grid of the Future, October 17-19 in Providence, RI, USA

Returning home from my recent travels, the trip reminded me of how vital customer engagement, feedback, and satisfaction are for our team and work at GE Energy Consulting. One of our ongoing efforts to is consistently evaluate and drive process around engagement, project management, quality, service, and strategic investments for the ongoing energy transition. I'm happy to share that our team has received great feedback from our customers and industry partners through a variety of communication channels. These insights help to foster our development as a business to better serve our customers with the systems expertise required to plan, integrate and operate technology in the evolving electric grid and adjacent energy sectors. Customer feedback provides us vital knowledge that supports our expanded product offerings and capabilities to help manage the associated risks with the energy transition, such as grid renewables integration, economic modeling, stability, grid code compliance, and more.

We look forward to helping you chart your roadmap through the energy transition. If our team can be of any assistance, please don't hesitate to contact us. Thanks again for your business and we look forward to working with you in the future.

Kind regards,

Beth LaRose
GM, GE Energy Consulting

Happy Diwali 2021



On behalf of the GE Energy Consulting team across the globe, we wish all a Happy Diwali!

In the new year ahead, we wish for every light you see, may the blessings of Diwali shine brighter for you and your family.

Best wishes and have a joyous Diwali.

Clean Currents Conference

[Clean Currents](#) powered by National Hydropower Association (NHA) hosted their annual conference between October 20-22 in Atlanta, GA. GE along with Southern Company and others were headline sponsors of this year's hybrid event. Danielle Merfeld, *Vice President and CTO*, GE Renewable Energy, participated in the opening panel event on October 20 entitled, "Innovation and Technology Advances: Why It Matters for Waterpower". Jason MacDowell, *Senior Technical Director*, GE Energy Consulting, partnered with colleagues from GE Renewable Energy and GE Global Research Center on Friday, October 22 to share insights during, "Understanding Wholesale Electricity Markets; Amplifying Hydro's Value in these Markets".

For more information on GE's participation at the event and conference details, visit [Clean Currents](#) website today.



Report on grid flexibility for energy-intensive industries

Recently a new study conducted, and report released by analysts at the [Joint Institute for Strategic Energy](#) (JISEA) examined four energy-intensive industries with and without paired energy storage over several years to identify under which circumstances providing grid services might be profitable. The study was done in partnership with the National Renewable Energy Laboratory (NREL) and supported by GE Energy Consulting. The team studied chlor-alkali and electric arc furnaces, which are established electricity-intensive industries, and methane pyrolysis and direct air capture, which are emerging industries with electrification potential. Across the industries, the JISEA/NREL analysts found that with large behind-the-meter batteries, demand flexibility is a profitable strategy.

For additional information along with access to the public report entitled, "Opportunities for Industry to Provide Grid Flexibility While Increasing Profitability", visit [jisea.org](#) today.



ICYMI... ESIG Fall Technical Workshop Sessions

GE Energy Consulting participated in a number of the recent virtual sessions during the [ESIG 2021 Fall Technical Workshop](#). If you missed any of the sessions, including [Session 5 "ERCOT – A Work in Progress"](#) moderated by Jason MacDowell, please visit [esig.energy](#) to access this and all recorded sessions.



OCTOBER 5 - 28

Reminder... UGM and Training Feedback Request

The annual [GE MAPS & GE MARS Virtual Users Group Meeting](#) was held between **Tuesday, August 17 – Thursday, August 19**. This year's users conference was held in series of online sessions. Special thanks to our customers, industry partners and presenters for their time and participation. This year participants heard from colleagues and industry experts on a number of use case scenarios with GE MAPS and GE MARS software tools.

We ask all attendees to provide feedback on ways we can continue to enhance our future engagement events, please complete this [online survey](#) today. If you and your organization have questions regarding this year's meeting, along with accessing presentations and recordings, please [contact us](#).





Grid Code Compliance and Testing

GE Energy Consulting is working with our customers across the globe to help ensure reliable electricity. Members of our Grid Code Compliance and Testing team are providing expertise and field-tests with power plants and grid equipment to help ensure they meet both regulatory and grid requirements. As the ongoing energy transition continues, please connect with members of our team and learn more about compliance and testing requirements by visiting geenergyconsulting.com.



Modeling Capabilities & Solutions

GE Energy Consulting models electrical grids across the globe, currently in 40 + countries, in over 6 continents. Check out how we're working with a variety of customers throughout the world through our models and datasets, including [Mexico](#), [Saudi Arabia](#), [Taiwan](#) and [Singapore](#).

For more information and to contact us, visit geenergyconsulting.com.

Education & Training

GE PSLF Courses for 2022

Members of the GE Energy Consulting Software team hosted a number of courses for GE PSLF users throughout September and October. Recently, we held *Advanced Power System Dynamic Simulation in GE PSLF*. Course offerings will continue to take place online and plans are set for in-person instruction for late 2022. For more information and to register for upcoming trainings, visit geenergyconsulting.com. If you have any questions and / or are looking for additional training options for 2022, please [contact us](#).

GE Energy Consulting | PSLF Training Courses



REGISTER TODAY!

2022 ONLINE TRAINING SCHEDULE

PSLF fundamentals and mechanics of steady-state analysis

February 28 - March 4, 2022
OR
September 12-16, 2022
9 a.m. - 2 p.m. PT
Cost: \$2,800 USD per student
Location: Online

Introduction to power system dynamic simulation in PSLF

March 7-9, 2022
8 a.m. - 12 noon PT
Cost: \$2,000 USD per student
Location: Online

Introduction to power system dynamic simulation in PSLF

September 28-30, 2022
8 a.m. - 5 p.m. PT (including last day)
Cost: \$2,400 USD per student
Location: Training to You, Phoenix, AZ

Python programming for PSLF

March 7-8, 2022
OR
September 13-15, 2022
8 a.m. - 12 noon PT
Cost: \$2,000 USD per student
Location: Online

Advanced power system dynamic simulation for PSLF

April 25-27, 2022
8 a.m. - 12 noon PT
Cost: \$2,000 USD per student
Location: Online

Advanced power system dynamic simulation for PSLF

October 18-20, 2022
8 a.m. - 5 p.m. PT (including last day)
Cost: \$2,400 USD per student
Location: Training to You, Phoenix, AZ

GEENERGYCONSULTING.COM/PSLF-TRAINING

For more information, or to register for any of our courses, please e-mail pslf.registration@ge.com

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PSLF Training OFFERINGS

The GE Energy Consulting software team offers both custom and scheduled hands-on training courses for PSLF. A variety of courses for engineers with a range of familiarity with the software are held annually online. Customized courses may also be provided on-site at customer locations. The sessions are designed to help you unlock the full power of your investment in the PSLF software product and add-ons. Many of our training engineers have practical experience providing consulting services using PSLF, and most have been actively involved in the development of the tools. If you are interested in a custom or onsite training course outside of our normally scheduled courses, please contact us.

Customize your PSEC training today

If you and your organization are looking for additional training around the evolving energy landscape, our team at GE Energy Consulting can support. Since the late 1940's our industry experts have provided power and energy professionals with educational resources and training through our [Power Systems and Energy Course \(PSEC\)](#). If you're in the market for training [contact us](#) today or visit geenergyconsulting.com for more information on our PSEC course offerings, and to customize an onsite OR online program.

Energy Consulting

CONTACT US TODAY

Power Systems & Energy Course | PSEC

Offering customized educational engineering training courses

www.geenergyconsulting.com/education

GE Energy Consulting

GE's power systems experts solving the world's toughest technical and economic problems, enabling technology integration and shaping the energy transition. With our cross-company resources, GE Energy Consulting is able to serve a diverse global client base with a strong local presence.

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