

# 2020 IEEE PES T&D CONFERENCE & EXPOSITION **CALL FOR PARTICIPATION**

**SUBMITTAL SITE OPENS JULY 8, 2019 / SUBMISSIONS DUE AUGUST 5, 2019**

The opportunity to participate in what will help shape energy solutions for years to come is here. The IEEE PES T&D Conference and Exposition is coming to Chicago, April 20-23, 2020 and power and energy industry professionals from across the world are invited to submit papers, panels, and tutorials on their innovative ideas, research and development, application experience and expertise.

The most comprehensive of its kind, this world-class event will showcase the solutions, technologies, products, companies and thinking that will inspire and lead the future of power systems. In attendance will be industry professionals specializing in substation engineering, transmission and distribution system design, distribution automation, advanced metering infrastructure, protection and control, communications, renewable energy and distributed energy resources, operations, maintenance, data science and energy systems integration.

## 2020 CONFERENCE THEME / *Electrifying the Future*

Designed to highlight the future state while focusing on challenges that have been solved to achieve the current state of the power and energy industry, the conference will provide attendees with practical, solution-oriented topics, including case studies and lessons learned. Super Sessions will be held on topics of current special interest in the industry, while the rest of the technical program will include sessions focusing on the conference theme in the following key topic areas:

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| ADVANCED COMMUNICATION SYSTEMS                   | INNOVATIVE APPROACHES TO TRANSMISSION AND DISTRIBUTION PLANNING              |
| ADVANCED GRID CONTROLS                           | INTEGRATED GRID AUTOMATION   |
| AGING INFRASTRUCTURE AND ASSET MANAGEMENT        | INTEGRATED SYSTEM PLANNING   |
| ASSET HEALTH AND PREVENTIVE MAINTENANCE          | MERGING UTILITY OPERATIONS INTO THE CUSTOMER EXPERIENCE                      |
| BUSINESS MODELS OF THE FUTURE                    | MICROGRIDS   |
| CLIMATE CHANGE IMPACT TO T&D                     | NON-TRADITIONAL T&D SOLUTIONS  |
| CYBER AND PHYSICAL SECURITY                      | OPERATING THE ADVANCED GRID  |
| DATA ANALYTICS AND BIG DATA FOR T&D APPLICATIONS | POWER AND ENERGY EDUCATION, COLLABORATIVE RESEARCH AND WORKFORCE DEVELOPMENT |
| DE-CARBONIZATION                                 | RESILIENT SYSTEM DESIGN  |
| DER INTEGRATION                                  | ROBOTICS FOR UTILITY APPLICATIONS  |
| DYNAMIC PROTECTION AND CONTROL                   | STORM RESPONSE AND RESTORATION   |
| ELECTRIFICATION                                  | SMART CITIES   |
| ENERGY AND THE ENVIRONMENT                       | SMART GRID   |
| ENERGY STORAGE SYSTEMS                           |  |
| HVDC & FLEXIBLE AC TRANSMISSION SYSTEM           |  |

## PAPER SUBMISSIONS /

Full papers must be submitted to the online submission and review site. A link to the submission site will be available on the 2020 IEEE PES T&D Conference and Exposition homepage [www.ieeet-d.org](http://www.ieeet-d.org) by **July 8, 2019**. All papers must be submitted by **August 5, 2019**. No papers will be accepted after this deadline. Authors will be advised via email of acceptance or rejection by **November 4, 2019**. If revisions are required, authors will be notified prior to that date. *Papers will be limited to a maximum of five (5) pages; however companion papers may be submitted.* Papers must be prepared in accordance with the PES Authors Kit. [www.ieee-pes.org/meetings-and-conferences/calls-for-papers/pes-authors-kit](http://www.ieee-pes.org/meetings-and-conferences/calls-for-papers/pes-authors-kit).

A maximum of 100 of the accepted full papers will be selected to be presented in Forum Sessions and the rest will be scheduled for presentation at an evening Poster Session. Authors will be notified whether or not their papers are selected for a Forum Session presentation. Presenters and session chairs will coordinate the duration and order of each presentation. Guidelines for PowerPoint slides can be found at: [www.ieee-pes.org/guidelines-for-preparing-visuals-for-pes-presentations](http://www.ieee-pes.org/guidelines-for-preparing-visuals-for-pes-presentations).

### Application-Based Papers Encouraged for Submission

These papers, primarily authored by industry members, must focus on non-commercial applications of new solutions and/or technologies in solving existing or emerging problems in power systems.

An author of an accepted PES Transactions paper who is interested in presenting it at the 2020 IEEE PES T&D Conference and Exposition must upload only the paper's abstract to the online submission and review site by the deadlines listed above. The appropriate Technical Committee Program Chair (TCPC) will determine if the topic of the paper is suited for presentation in one of the technical sessions. The author will be notified of the decision by email, and only the abstract will be included in the Conference Proceedings.

### Conference Registration

Per IEEE policy, all presenters must register for the conference. Papers will not be released for publication in the Conference Proceedings or be scheduled for presentation unless the registration fee is paid. Furthermore, papers not presented will not be included in the IEEE Xplore Digital Library. *Note: Registration deadline for authors may be earlier than the general registration deadline.*

## PANEL SUBMISSIONS /

To submit panel proposals, the proposal form in [www.ieeet-d.org](http://www.ieeet-d.org) must be filled out and emailed to the technical program co-chairs at [TDtech@ieee.org](mailto:TDtech@ieee.org). All panel proposals must be submitted by **August 5, 2019**. *No panel proposals will be accepted after this deadline.* All submitted panel proposals will be reviewed by the relevant PES technical committee. Panel moderators will be advised via email of acceptance or rejection by **November 4, 2019**. If revisions are required, panel moderators will be notified prior to that date. Panel participants should be from different organizations.

**Panel proposals by electric utilities are highly encouraged. Commercialization is strictly prohibited.**

The following information must be included with submissions.

- ▶ Panel title
- ▶ Panel duration (2 hours)
- ▶ Panel moderator name, affiliation, phone, and email address
- ▶ Panel abstract (maximum of 150 words)
- ▶ Relevant PES technical committee [www.ieee-pes.org/technical-activities/committees](http://www.ieee-pes.org/technical-activities/committees)
- ▶ Panelists names, affiliations, phones, and email addresses (minimum of 3)

## TUTORIAL SUBMISSIONS /

To submit tutorial proposals, please visit [www.ieee-pes.org/ieee-pes-2020-call-for-tutorials](http://www.ieee-pes.org/ieee-pes-2020-call-for-tutorials). Download the tutorial proposal form and then submit it through the portal. Contact LaToya Gourdine of the PES Executive Office at [l.gourdine@ieee.org](mailto:l.gourdine@ieee.org) with any questions. The PES EO will coordinate the submission of the tutorials to the tutorial review and selection committee. All tutorial proposals must be submitted by **August 5, 2019**. Applicants will be advised via email of acceptance or rejection by **November 4, 2019**.

The proposed tutorial length must be half day (4 hours) or full day (8 hours). Tutorial organizer should first have the tutorial technically approved by the relevant PES Technical Committee or technical organization. The following information must be included with submissions.

- ▶ Title of tutorial
- ▶ Abstract/description (approximately 150 words)
- ▶ Target audience
- ▶ Prerequisites
- ▶ Learning objectives
- ▶ An 8 hour tutorial should allow for at least 7.5 hours excluding break
- ▶ Instructor names and biographies (approximately 125 words)
- ▶ Email addresses of organizer and all instructors

Presenter(s) agrees to use the PES template [www.ieee-pes.org/pes-powerpoint-templates](http://www.ieee-pes.org/pes-powerpoint-templates). Presenter information and company logo may be on first and last slide only. Presenter further permits PDF version of slides printed 2 per page to be distributed to registrants and provides signed copy of profit sharing agreement and W-8/W-9.

A comprehensive technical program, along with a dynamic Opening Session, Poster Session, Plain Talks and Super Sessions line-up, will truly set the stage for *Electrifying the Future!* Additional information about the conference will be posted as it becomes available at [www.ieeet-d.org](http://www.ieeet-d.org).

## QUESTIONS ?

Please contact Aleksí Paaso, Ph.D. or Marina Mondello, technical program co-chairs, at [TDtech@ieee.org](mailto:TDtech@ieee.org) with any questions on the technical program or the Call for Participation.

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