

Dear Readers,

Several years ago, in a presentation on power system reliability that I gave at the Society for Maintenance and Reliability (SMRP) annual conference, I made reference to several major changes our industry is undergoing, one of them being the move from electromechanical technology to solid state technology. This movement has been one of the reasons we wanted to grow our community by focusing on Power System Technology (PST). This issue is the big first step we are taking in this new direction.

Before we go further, know that Transformer Technology is not going away. It is just being surrounded by **Power Systems Technology (PST)**, and since the transformer is the heart of the system, it will always be an important part of PST.

Taking the new step and considering that the change to solid state technology in power systems is the biggest change taking place in the industry, we have decided to dedicate this first issue where PST takes prominence to Solid State Revolution.

Over the next few months, we will continue this publishing transition, maintaining the content that has always been a stalwart of Transformer Technology, starting with the December Issue on **Insulation, Oils & Fluids**. While fluid filled transformers are still a critical part of the power system, you will find an article from Technical Advisory Board member, Ben Lanz, reporting on technology of insulation of cables, also an important and critical asset in power. This is just to illustrate that, as we know, there can be no power system without transformers and there can be no transformers without power systems around them.

Another change you will see for 2023 is a greater emphasis on research from the power industry with a Byline from Power Technology Research (PTR), whose work in the power industry is becoming a critical resource for power professionals across the globe. We are delighted to have created a strategic alliance with PTR for content on all things power. In our December issue we will share the full plan for the themes of our 2023 editorial content, which will further illustrate the growth we are experiencing at APC Technologies. We are tremendously thankful for our staff, our contributors and especially the Technical Advisory Board, without whom we would not be able to continue to provide the amazing content with excellence.



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And if you ever feel compelled to reach out to me about contributing to our themes, there are three primary ways to contribute:

- **Feature Articles** which are 1800-to-2200 word technical articles on a key topic under the themes, with a more in-depth approach.
- **Perspective Articles** which are 200-to-500 word technical articles on a single key topic that are more focused and not as much detailed as a Feature Article.
- **Interviews** which are usually created over Zoom or Teams and are published on our website, and You tube channel and are transcribed for publishing in the digital magazine.

So, let's focus on the issue before us, with great interviews from Sabine Bowers of Cargill, Dr. Bahadir Basdere of Trench Group, and the second part of the interview with Wilfred Breuer of MR. If you missed the first part of the interview, you can find it archived on our website. I believe you will enjoy it.

Couple that with great Feature Articles from Maria Lamorey of PPG, Nick Schlitz of Grace Technologies, Azhar Fayyaz with the Power Technology Research contribution for their byline, Jeff Donato, arguably one of the "rock stars" of battery room safety, and many more. This issue is full of great content, either to be read now or archived for later. Also, please **feel free to post your favorites on your LinkedIn page and share with associates who might benefit from the content.**

It takes a lot of planning and excellence to create great digital content and at APC Technologies we take pride in the staff who make all this happen. Most importantly, we are thankful for our Technical Advisory Board members and for you, our community members who make this all worthwhile.

Thank you,



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