

Aug 29th, 2017
2:00 PM ET

*Join the Smart Grid Task Force for a Webinar
on the topic of:*

**Providing a Platform for DC-connected
Microgrids for Utilities and Customers**

Presentation by: Aleksey Toporkov & David Mall

This webinar will provide a system overview of the battery-centric DC-connected platforms provided to utilities and customers. The benefits directly addressed in this webinar will include:

- Managing the microgrid bus providing a common interface for DERs & loads.
- Reducing and/or eliminating the need for customization.
- DC resource coupling in the interests of increasing system efficiency.
- The simplification of the grid interface, and the reduction of impact on grid operation, as well as the execution of seamless islanding during grid failure.
- The benefits of DC-connected microgrids over AC-connected microgrids for utilities and customers.

This presentation will also provide several examples of working implementation system processes, executed in an industrial building located in Burlington, Ontario, which includes: a solar plant, a gas generator, storage, DC and AC loads, and the ability to support both grid-connected and off-grid operation, & services.



Aleksey Toporkov

Aleksey was ARDA's first investor, and he has led the company since 2013. Prior to joining ARDA, Aleksey was co-owner and CEO of Schindler Elevators and Escalators' JV in Russia. Aleksey subsequently joined Schindler USA, managing their Cost Leadership and Industrialization Programs.



David Mall

David graduated from the University of Minnesota with a Bachelor of Science in Electrical Engineering, & he has achieved over 25 years of experience in Systems Engineering, Project Management, and Business Development. David joined Saft in 2002, later transitioning into battery energy storage in 2010. In his current role as Business Development Manager, David works closely with customers to identify opportunities for energy storage best value, particularly for grid-connected and microgrid applications. David has also authored several papers, and spoken at multiple conferences.



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