



**The Institute of Electrical and Electronics Engineers
(IEEE)
Galveston Bay Section
LM-AG and Consulting-AG**



(2)

**IEEE Central Texas Consultant's Network and Life Member
Affinity Group Joint Zoom Meeting. Cosponsored by GBS
Consultants Affinity Group**

Tuesday, May 18th

**Battery Energy Storage Technology – The Nexus of ALL
Energy.**

Description: Energy is fundamental to all human endeavor. Indeed, human quality of life is directly correlated to availability of energy. But, this metric is changing, again, in dramatic fashion. Previously unrelated energy sectors (oil and electricity for example) are becoming irreversibly intertwined. “New energy” (e-frack natural gas, solar and wind) are already replacing “old energy”(coal, and oil). As clean technologies work to displace the carbon intensive incumbents, one technology stands at the center of it all, allowing the transition to proceed at scale, and ushering in a new world of possibilities: **Battery Energy Storage Technology – The Nexus of ALL Energy.**

Speaker: Thomas Ortman, Chief Technology Officer, *Voltabox of Texas, Inc.*

Thomas Ortman is the Chief Technology Officer for Voltabox of Texas, Inc., a subsidiary of Germany-based Voltabox AG, a publicly traded, multi-national corporation manufacturing electro-mobility solutions with highly engineered battery energy storage systems (BESS). These systems are applied in a broad cross-section of industrial



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sectors from municipal buses, mining, forklifts and agriculture, to locomotives and e-bikes. Voltabox also provides BESS to stationary applications. Mr. Ortman served as CEO of Voltabox of Texas, Inc. from July 2018-July 2019.

Prior to Voltabox, Mr. Ortman was Founder, President and CEO of Concurrent Design, Inc., which was acquired by Voltabox in March 2018. Founded in 1994, Concurrent Design was an engineering consulting firm with core skills in industrial product development, manufacturing automation and test equipment. With a focus on the electronics, semiconductor and clean technology market segments, Voltabox is a natural segue. Mr. Ortman is a mechanical engineer and an expert in product design and development.

Thomas Ortman is also active in the following; Clean Tech Leaders Roundtable, Clean Energy Business Network, Founding Member and Advisory Board Member, CleanTX; Member, Austin Regional Manufacturers Association (ARMA); Mentor, University of Texas IC2 Austin Technology Incubator Texas Venture Mentor Service (mentoring battery start-ups; Member, Citizens Climate Lobby (CCL). Prior roles include; Chairman, Semiconductor Equipment and Materials International (SEMI) Texas Chapter; Founder, Solar Energy Entrepreneur Network (SEEN), Advisor – Physical Sciences for Central Texas Regional Center of Innovation and Commercialization (RCIC) of the Texas (State) Emerging Technology Fund (TETF); Member, Greater Austin Chamber of Commerce Clean Energy Council (GACC CEC).

Email: Tom.Ortman@voltabox.com

Date: Tuesday, May 18th, 2021

Time: 6:00pm

6:00 to 6:15 PM – Enter the virtual meeting room and chat with your friends.



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6:20 PM and on -- Please mute audio and turn off video. Meeting will start. Use chat box to ask questions.

Location: Zoom

Cost: None

Reservations: Please RSVP using the vTools link <https://meetings.vtools.ieee.org/m/270720>. You will be emailed connection instructions in the 24 hour interval prior to the start of the meeting. Look for an email from *Kai Wong*, **or/and** from *IEEE eNotice*.

You do not need to be an IEEE Member to register.

For more information about CTCN go to https://ewh.ieee.org/r5/central_texas/cn/.
