



**SECO: The Future of Energy in Texas**  
**Dub Taylor, Director of SECO**

Dub Taylor is the Director of the State Energy Conservation Office (SECO), which is operated by the Texas Comptroller of Public Accounts. Under his direction, SECO helps the state make the most of domestically-produced energy, reduce state and local government energy costs and promote cost-effective clean energy technologies. SECO’s mission is to maximize energy efficiency while protecting the environment. Prior to joining SECO in 1999, Taylor’s public sector experience includes six years with the Texas Railroad Commission’s Alternative Fuels Research and Education Division. Taylor’s private sector experience was focused in commercial real estate, property appraisal and property tax consulting. A native of Dallas and graduate of the University of Texas at Austin, Taylor resides in Austin with his wife, two children and two Basset Hounds. Taylor currently serves on and is actively involved in several energy efficiency and clean energy-focused national, state and local organizations.



**Digital Electricity as an Energy Strategy: Smart Building Design**  
**Charlie Buscarino: Co-Founder, The Clariant Group**

Mr. Buscarino has over 30 years of experience in the development of technology solutions in real estate projects. In 2002, Mr. Buscarino cofounded The Clariant Group to focus on the holistic implementation of technology solutions for projects of all types. Since then, TheClariant Group has become a leader in the development of Integrated BuildingTechnology solutions to a wide variety of world class clients seeking to maximize their technology investment.



**Key Note Speaker**

**ERCOT: The State of the Grid in Texas**  
**Bill Magness**

Bill Magness, President and Chief Executive Officer  
Bill Magness joined ERCOT in 2010 and became ERCOT’s president and chief executive officer in January 2016. Before becoming CEO, Mr. Magness served as ERCOT’s general counsel. Mr. Magness has been active in the utility business for over 25 years, working with electric and telecommunications companies nationwide. He has held executive management positions in the public and private sectors and served as lead counsel in numerous state and federal regulatory matters. Early in his career, served as a federal prosecutor in the U.S. Attorney’s office. Mr. Magness represents the Independent System Operator/Regional Transmission Organization (ISO/RTO) sector on the North American Electric Reliability Corporation (NERC) Member Representatives Committee, is a member of the Executive Committee of the ISO/RTO Council and serves on the Advisory Board of the Texas A&M Engineering Experiment Station Smart Grid Center. Mr. Magness grew up in Orange, Texas, received his bachelor’s degree from The University of Texas at Austin, and graduated from the University of Pennsylvania Law School. He and his wife are the parents of two daughters.



**The Future of Battery Storage and Microgrids**  
**Tosh Dutt | Senior Storage Sales Manager, West**

Tosh has over 10 years of experience in the renewable energy industry, focusing on solar, storage, and low-voltage and medium-voltage microgrid projects in the US including Hawaii and Internationally. He has contracted over 80MW of renewable projects including thermal CSP and solar PV and 28MWh of storage both in front of and behind the meter for Utilities and Commercial clients across the globe, including managing projects in regions with particularly rigorous interconnection requirements such as California and Hawaii and in remote areas such as Jordan, Egypt, UAE, and India. Tosh came to EnerNOC with project development experience from Johnson Controls Inc. and Honeywell supporting performance contracts and Private, Public Partnerships. He also has extensive history with commercial scale solar and CSP development and manufacturing with Sunetric and Sopogy. His extensive background as a Consulting Engineer, Subject Matter Expert and MEP on efficiency and renewable with project development experience and equipment knowledge lends to smooth, efficient and comprehensive project flow and a deep understanding of engineering challenges that may be presented.



### **IECC Energy Code Updates**

**SPEER: Jason Vandever** Energy Code Program Manager at South-central Partnership for Energy Efficiency as a Resource (SPEER) Jason has over 15 years combined experience in building construction and inspection. Prior to joining SPEER, Jason was the Chief Building Official for the City of Granbury for four years. He maintains nine (9) ICC certifications, is a Certified Building Official and a Texas Municipal League Leadership Fellow. He currently serves and has spent 5 years on the NCTCOG Energy and Green Advisory Board. Jason has an MBA from Texas Tech University. When he's not educating about the energy code he enjoys time on the lake wakeboarding with his wife and 2 children.



### **Energy Design of the Future**

#### **Trane: Alan Ash**

Alan Ash is a driving force in numerous projects that have been nationally recognized as sustainable, energy efficient buildings. With over 43 years' experience engineering solutions, Alan has developed a reputation for using new applications and technology in the most efficient way to make buildings work better. Alan holds a BS Engineering Science degree from LSU. He was a US Air Force-Aircraft Maintenance Officer before joining Trane in 1971. He is also certified in Building Automation System software including Trace Energy Analysis. He has earned numerous awards including the Sales Manager Excellence Award, Top Ten Club, numerous Quality Accomplishment Recognition Awards. Alan is also a LEED Accredited Professional. In addition to Trane committees and leadership positions, Alan is an active member of ASHRAE, US Green Building Council, Dallas Electric Club, and NTAEE. Alan was also the 2010 chairman of the Dallas Regional Chamber's Sustainability Technologies Committee. Alan is a published author with papers and articles detailing highly efficient systems, such as "Low Temperature Air Distribution with Ice Storage System: A Case Study".



### **Energy Design of the Future**

#### **Trane: Trevor Johnson**

**Trevor Joelson** joined Trane Energy Supply Services in August of 2011. In his role as Account Manager, Trevor partners with Trane offices and customers to ensure they achieve low cost electricity and natural gas supply in coordination with their high-performing buildings. Trevor is based out of Dallas, TX and works out of the Trane CSO, but maintains a role as a national resource to the business. The Trane organization and energy industry regularly call on Trevor for speaking engagements because of his dynamic presentation style and ability to communicate complex topics effectively and memorably. Trevor received his Bachelor of Arts degree in Sport Administration with minors in Marketing and Political Science from the University of Louisville in Louisville, Kentucky. When he isn't tracking energy market trends, Trevor spends his spring and summers on the water, his falls rooting for Louisville Cardinals football and his winters rooting for Louisville Cardinals and warmer weather, so he can get back out on the water.