



2011 JOINT BASE SAN ANTONIO SUSTAINABLE ENERGY WORKSHOP

Pearl Stable, San Antonio, Texas July 12, 2011

Agenda & Presentations (Click on Title to view Presentation. Click on Speaker to view Bio)
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Morning

0715 **Registration and Continental Breakfast**

0800 [Opening Remarks and Welcome](#), [Sid Saunders](#), Defense Transformation Institute

0815 [Overview and Introductions](#), [Debra Harkiewicz](#), Director, Civil Engineering JBSA

0830 [Strategic Challenges at JBSA](#), [Anthony Martinez](#), JBSA Energy and Environmental Manager

0845 [Operational Energy Management Plan](#), [Darrell A Davis](#), DOD CTR (US), Department of Defense Strategic Management Office

0945 **Break**

1000 **Installation Presentations**

- [Fort Sam Houston Energy Program](#), [Frank Thomas](#), Fort Sam Houston Resource Efficiency Manager
- [Conservation and EMCS at Lackland AFB](#), [Andres Hinojosa](#), Lackland Energy Engineer
- [Energy Changes at Randolph Air Force Base](#), [Joseph D Haltaman](#), Energy Engineer, Randolph AFB

1045 [Formation of JBSA Sustainable Energy Innovation Center](#), [Sid Saunders](#), Defense Transformation Institute

1100 [Army Case Study: EMCS at Fort Hood](#), [Bobby Lynn](#), Fort Hood Energy Manager

1115 [Navy Case Study: Energy Management -- Capital Efficient Energy Portfolio](#), [Rebecca Ranich](#), Director, Federal Energy Management/Sustainability Initiative, Deloitte Financial Advisory Services LLP

1130 **Lunch**

1200 **Energy and Partnership Presentations**

Introductions by: [Robert M. Murdock](#), Director, Office of Military Affairs, City of SA

- [Brig. Gen. Leonard A. "Len" Patrick](#), Commander, 502nd Air Base Wing, Fort Sam Houston, Texas
- [Doyle Beneby](#), President and CEO, CPS Energy

Afternoon

- 1300 [CPS Energy Initiatives and introduction of Consort Collaborators](#), [Paula E. Miles](#), Director, Energy Research and Tech Initiatives, CPS Energy
- [Jack Roberts](#), Chief Executive Officer and President, Consort
 - [Steven O'Neill](#), West Region Business Development Manager, Consort
- 1330 [Panel Discussion: Current and Future Trends in Energy Management and Automation Systems \(EMCS\)](#), Moderator [Matt Koch](#), PhD, PE, Senior Research Engineer, Texas Center for Applied Technology, Texas Engineering Experiment Station, Texas A&M University System
- Panel members:
- [Dr. Charles Culp](#), Director, Energy Systems Laboratory, Texas Engineering Experiment Station, Texas A&M University System
 - [Dr. Jeff. S. Haberl](#), Professor of Architecture and Associate Department Head for Research at Texas A&M University
 - [Dr. Randall D. Manteufel](#), Associate Professor, Department of Mechanical Engineering, University of Texas at San Antonio
- 1415 [Virtual Metering](#), [Charles Alsdorf](#), Director, Advisory Services, Deloitte Financial Advisory Services LLP, Virtual metering uses statistical modeling to develop energy consumption maps of an installation
- 1445 **Break**
- 1500 [Integrating Disparate Systems](#), [Todd Davis](#), M.S.C, CISSP, Schneider Electric, This discussion will focus on those issues that allow you to preserve existing value as you are required to integrate disparate systems into a more energy efficient whole.
- 1530 [JBSA Net Zero -- Opportunities & Challenges](#), [John Reasoner](#), Sr. Account Executive, Johnson Controls, Inc.
- 1600 **Technology Panel**
- [Energy Storage as a Component of Energy Management](#), [Sean C. Mitchem](#), Principal Analyst, Communications and Embedded Systems, Southwest Research Institute
 - [Smart Grid and Demand Response](#), [Robert L Dohn](#), Project Manager, Siemens
 - [Smart Grid and Monitoring and Controlling Multiple Locations](#), [Mo Jamshidi](#), Ph.D., DEng. (h.c.), Lutcher Brown Endowed Chair Professor, Department of Electrical and Computer Engineering and Director, Autonomous Control Engineering Center at the University of Texas San Antonio
 - [A New Technology for Maintaining Power Grids](#), [Dr. John F. Ayala](#), DE, PE, PMP, CSS, President and Paul Bielowicz, DFA, Maj. Gen. USAF (Ret), Vice President, Kell-Star Services LLC
- 1700 [Using Building Controls to Optimize Energy Performance](#), [Daniel E. Bielski](#), PE, Vice President and Technical Director, SAIC's Energy, Environment, and Infrastructure Business Unit
- 1730 **Wrap UP**, [Debra Harkiewicz](#), JBSA and Sid Saunders, Defense Transformation Institute
- Addendum: [Achieving Reliable, Clean and Cost Effective Energy through Virtual Power Plants](#), Brett A. Perlman, Viridity Energy, Vector Advisors