



**JOINT BASE SAN ANTONIO SUSTAINABLE ENERGY WORKSHOP**  
Pearl Stable, San Antonio, Texas July 12, 2011

**FRANK THOMAS**

Frank Thomas' expertise is in auditing, building automation and water management. He is the Resource Efficiency Manager for Fort Sam Houston. Frank is responsible for helping the energy team at Fort Sam Houston meet the energy and water efficiency and renewable energy goals and improve operational efficiency of the facilities. Prior to joining Sain Engineering Associates, Frank was one of two District Energy Managers for the Northside Independent School District in San Antonio. He spent 18 years with Mr. Bruce Dschuden (SEA REM) building an award-winning energy management program from the ground up. He has considerable experience with energy management such as utility rebates, utility billing/energy accounting, EMCS, HVAC, lighting, as well as facility operations, and construction. NISD is the fourth largest school district in the state of Texas with an annual utility budget of \$13 million dollars.

Under Bruce and Frank's tutelage, Northside ISD became known as the leader in school energy management in Texas. Frank served the San Antonio Water System 11 years on the Community Conservation Committee, one year as the chairman. That committee has been given credit for assisting SAWS in becoming the most renowned water conservation utility in the country. He has also served on the SAWS rate committee twice. Frank also worked with San Antonio's electric/gas company, CPS Energy on committees and as a large customer to help develop their Key Account Manager program and to develop the conservation rebate program. Frank is a Certified Energy Manager (CEM) and Certified Sustainable Design Professional (CSDP). He graduated from Texas State University with a B.S. in Industrial Arts Education. He later received a Masters Degree in Technology Education from The University of Texas at Tyler