
NEWS

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W.J. MALONEY PLUMBING COMPLETES SOLAR THERMAL PROJECT AT UNIVERSITY OF ARIZONA

The University of Arizona, in collaboration with APS Energy Services, W.J. Maloney Plumbing, Inc. and Greenfield Dynamics, has completed work on a solar thermal project at the University of Arizona Main Campus in Tucson. This is the first campus in the United States to utilize solar thermal energy in this way.

This unique project consists of a series of evacuated solar tubes to capture heat and solar radiation. As water cycles through the system, it is heated by the captured energy, which is then run through an absorption chiller. This allows the system to contribute to the cooling capacity of the University of Arizona campus, thus reducing the overall energy requirement. As a byproduct, residual heat unused by the chiller can be piped through a plate and frame heat exchanger to supplement heating the Student Recreation Center Pool.

“We are not aware of any other campus in the country that has used solar thermal energy in this way, which makes this project truly unique,” said Kathryn “Kitty” Maloney-Langmade, president of W.J. Maloney Plumbing. “We are proud to be involved with APS Energy Services and Greenfield Dynamics. It is exciting to be on the cutting edge of this technology.”

Since 1964, W.J. Maloney Plumbing has been a leading plumbing contractor in the greater metropolitan Phoenix area. Working with many of the largest general contractors, the company has provided exemplary design build plumbing, from tenant improvement to complex multi-story projects that include many of the most prominent buildings in the Valley. Among W.J. Maloney's current projects are the OASIS Hospital in Phoenix, the Sky Train Project at Sky Harbor International Airport and the U.S. Customs and Border Patrol Mariposa Land Port of Entry expansion near Nogales. W.J. Maloney Plumbing also provides extensive commercial and residential service, maintenance and repair, and is Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) certified. For more information, call (602) 944-5516 or visit www.wjmaloney.com.