

Arizona State University Wins Award: Best Project in the Energy/Industrial Category

By ENR Southwest
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The Arizona State University, Research Community Combined Heat and Power Expansion Facility Upgrade project received the Best Project Award in the Energy/Industrial category for 2019 awarded by ENR Southwest.

Vanderweil was the Engineer of Record (EOR) for the \$21 million expansion of the CHP to maintain a resilient source of primary electric power, chilled water, and steam for the ASU Research Community 12 kV microgrid to support new research growth. Services included: programming, permitting, utility

interconnection (APS and Southwest Gas), major equipment procurement support, detailed design, construction administration, commissioning, and training services. The project scope included upgrades to the existing facility, addition of a second 7 MW combustion turbine generator with a heat recovery steam generator and associated balance of plant subsystems. The project also involved the reconfiguration of campus utility system operations to optimize the usage of the expanded production of electricity, chilled water, and steam from the CHP facility.

https://www.enr.com/blogs/5-southwest-construction-views/post/47143-enr-southwest-best-project-winners-2019?post_id=47143-enr-southwest-best-project-winners-2019&oly_enc_id=2783B9367267D7V