



Small Business Success

Commissioning Teamwork

Energy Performance Engineering, LLC (EPE) assists clients to integrate ultimate performance and energy efficiency into building systems to meet the needs of growing complexity and intelligence of building control network.

The value of EPE's commissioning services is beyond finding and documenting deficiencies. They help the building owners to make the best and most use of their facilities in preventing problems and demonstrate compliance with Basis of Design and Owner's Project Requirements through commissioning.

James met Elee Jen at Oregon State University where he was pursuing his degree in engineering, and she was in graduate school earning her master degree in chemistry. They founded Energy Performance Engineering, LLC in 2005. Both James and Elee are LEED Accredited Professionals. James has over 23 year's experience in mechanical systems design, facilities engineering, control contracting, and commissioning. He has managed numerous controls and commissioning projects for public owners and local jurisdictions. James brings an incomparable perspective to advance building commissioning and controls services. James shares that: "Commissioning is the missing link between a high-performance building and low-performance, so that means a lot of waste if not done right. When we have the quality assurance process properly integrated, it will turn out to be a good project." James and Elee located EPE in Newberg to be between Salem and Portland where most of the companies they work with are located.

EPE project breath ranges from local Pacific Northwest projects that includes schools, emergency coordination center, and headquarter buildings to the tallest and largest LEED Green Building in Taiwan in 2011.

On the Edith Green Wendell Wyatt Federal Building Modernization, EPE is a subcontractor to Glumac who is responsible for the Building Enhanced and Fundamental Commissioning work. Glumac looked for opportunities for Small Businesses and when the Combined Server Room was added to the project it was a perfect fit for EPE.

EPE's scope on the project is to provide third party Enhanced Commissioning for the Combined Server Room that was added in the lower level. EPE provided design peer review comments, submittal review comments and control sequence of operations reviews. Through their reviews several control modifications were made to further enhance the system.

EGWW was the first project for EPE with Glumac, but it is not the last. They are currently working together on two other projects and envision a sustainable business relationship moving forward.



James & Elee Jen, founders and owners of Energy Performance Engineering are A Chinese couple from Taiwan and are part of the EGWW commissioning team as a subcontractor to Glumac.

FAST FACTS

Project: Renovate GSA's Edith Green-Wendell Wyatt federal building creating a high performance green building consistent with the American Recovery and Reinvestment Act (ARRA) intention.

Location: Portland, Oregon

Impacts: Opportunity for local small businesses, workers, families, commuters, and students.

Contract Value: \$4,400

Company: Energy Performance Engineers LLC

Partners: Howard S. Wright, SERA Architects, Glumac Engineers