



Wyeth Crawford
Biographical Sketch
“The Future of Existing Buildings”



Wyeth Crawford is a licensed Professional Engineer (PE) and a Senior Building Scientist of Chelsea Group, Ltd., a leading firm in building science consulting. Mr. Crawford leads a team of engineers in delivering the assessment and commissioning (Cx) aspects of Chelsea Group’s consulting work. His primary focus is commissioning, which includes: functional testing, documentation, troubleshooting, and providing quality assurance. He also works extensively with the Central Plant Energy Optimization (CPEO) program at Chelsea Group, using the big data concepts of the program as a foundation for a retrocommissioning (RCx) and continuous commissioning approach.

Currently, Mr. Crawford assists the design team with Queen’s Medical Center supply air system upgrade, where he works with the engineering and construction management teams to commission the designed systems. His role is to track the design, construction and functional testing process to align the design intent and the installed system with owner project requirements. Mr. Crawford is also the technical lead on the RCx program at James Campbell building in Kapolei. There he is working on an innovative monitoring program that daily updates and enables continuous commissioning of the facility.

Mr. Crawford also collaborates on the Central Plant Energy Optimization (CPEO), reviewing the systems and data on facilities that are participating in the Central Plant Benchmarking program with Hawaii Energy. Utilizing his extensive knowledge of system controls and electronics, as well as mechanical engineering, Mr. Crawford is able to expertly support properties with data acquisition systems that enable well-conceived retrofits and optimize current building operations.

Prior to joining Chelsea Group, Mr. Crawford work with Energy Industries in Honolulu. There, he analyzed the energy efficiency of more than 100 plants and facilities via a wide variety of data acquisition tools, performing ASHRAE level 1,2, and 3 audits, and developed numerous projects. Mr. Crawford’s most notable central plant projects include the Kuakini Health System and Kauai Beach Resort, both of which involved a complete redesign in order to solve numerous issues facing the facilities. Mr. Crawford received his Bachelor of Science from Oregon State University in the discipline of Mechanical Engineering.