

Posted September 11, 2024

Senior Building Analyst

Location: Various and unanticipated worksites throughout the U.S. (HQ: Chicago, IL)

Employment Type: Full-Time

REF: VG

Career Description

Senior Building Analyst for various and unanticipated worksites throughout the U.S. (HQ: Chicago, IL). Plan and lead the design of building systems. Develop detailed study models (energy, systems, and daylight / natural ventilation / CFD; renewable energy and life cycle cost studies). Verify and analyze data to identify trends. Perform advanced data-driven modeling and calculations. Mentor entry-level Analysts, training on building geometries and building systems. Prepare engineering documents for compliance and certifications. Interact with clients and present technical studies and reports. Develop templates and production tools that optimize the work environment and support scalability. Technical environment: mechanical, electrical, and plumbing systems; architectural, mechanical, electrical and plumbing drawings and specifications; design, selection, and performance modeling of envelope systems; commercial building standards, codes, and rating systems (IECC, ASHRAE 62.1, 90.1, 189.1, LEED); simulation programs (IES<VE>, LBNL Window, LBNL Therm).

Position Requirements

Bachelor's degree in Energy Engineering or related Engineering field plus 2 years of experience in building design/analysis required. Required skills: mechanical, electrical, and plumbing systems; architectural, mechanical, electrical and plumbing drawings and specifications; design, selection, and performance modeling of envelope systems; commercial building standards, codes, and rating systems (IECC, ASHRAE 62.1, 90.1, 189.1, LEED); simulation programs (IES<VE>, LBNL Window, LBNL Therm). Telecommuting permitted.