

## JOB DESCRIPTION: SUSTAINABILITY ENGINEER (05/2018)

Seeking a passionate green-minded professional with 2+ years post-academic experience in the building industry to help grow our new office in Jackson, Wyoming. You have an engineering degree or otherwise want to know buildings inside and out—in fact, you've spent time on construction sites and don't get how anyone could claim to be a rockstar consultant without having field experience. You're a lifelong learner and are up for anything, including learning building science fundamentals and energy modeling, the ins and outs of green building programs, and the art of consulting.

### Responsibilities

1. Learn best-practice fundamentals and implementation strategies for high-performance building enclosures, mechanical and plumbing systems, zero energy features, etc.
2. Grow into a project management role, acting as main point of contact for clients, tracking schedules and deliverables, and producing or delegating as needed to get the work done
3. Grow into a respected whole-building consultant, integrating a diverse array of knowledge to provide insightful information to clients
4. Facilitate development of Owner's Project Requirements (OPR) documents with client at project initiation
5. Coordinate and collaborate with clients and project teams to achieve goals as set out in OPR
6. Work with colleagues to develop and facilitate cross-disciplinary design charrettes
7. Create whole-building energy models and optimization studies to support high-performance goals
8. Perform data analysis, review and critique results, and develop recommendations
9. Prepare logically organized, technically accurate, and clearly presented emails and memos
10. Interpret code and program requirements for Title 24, IECC, building codes, LEED, GreenPoint Rated, Passive House and others
11. Review plans, documentation, and contractor submittals for compliance with requirements
12. Complete construction field visits to review progress, verify compliance with goals, and solve field issues
13. Administer green certification, energy compliance and utility incentives program processes
14. Leverage other team members' expertise or knowledge when needed; understand when to ask for help

15. Outline work plans prior to starting work, maintain logically organized and labeled files, adequately document decisions or activities, and submit interim work products to colleagues for review per designated milestones
16. Provide regular status updates or reports in web-based project tracking system and review progress with manager
17. Understand contracted work scopes, work within budgets and meet billable targets

### Minimum Qualifications

1. Engineering or architecture degree
2. Two years relevant post-academic work experience
3. Technical aptitude with ability to quickly learn and integrate new concepts and tools
4. Excellent written and verbal communication skills (clear, concise, logically presented)
5. Critical thinker with innate ability to challenge assumptions, ask the right questions, and solve problems
6. Strong judgment with understanding of best way to proceed in challenging situations
7. Strong organizational and project management skills
8. High integrity, do the right thing even when it's hard
9. High initiative, always looking to improve things

### Why Join Beyond Efficiency?

*We empower people to create enduring human-centered buildings.*

Beyond Efficiency is a small, highly respected consulting firm with offices in Berkeley, California and Jackson Hole, Wyoming. Our team provides energy modeling, engineering and green building services for commercial, educational, multifamily and single-family residential projects throughout the western U.S.. Our broad client base includes small architecture firms, world-renowned universities, market-rate and affordable housing developers. We consider our key role as "client advocate" to help ensure a client's project objectives are achieved. We do this by asking insightful questions at project initiation to establish clear, actionable goals and performance requirements, and then filling in technical knowledge and skills gaps that typically exist in project teams.

Beyond Efficiency offers a relaxed and flexible work environment on the edge of Berkeley's 4th Street shopping district or the heart of beautiful downtown Jackson Hole, liberal vacation policy paired with moderate billable hour requirements, competitive salaries, generous professional development allowances, 100% health insurance coverage, commuter benefits and a 401(k) retirement plan with employer matching.