

EMMA JOHNSON

Energy Engineer

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PROFESSIONAL SUMMARY

Driven Energy Engineer with over 7 years of experience in the evaluation and enhancement of energy systems across various sectors. I have a strong track record of conducting exhaustive energy audits and implementing innovative conservation strategies that lead to substantial cost savings and operational improvements. I am passionate about advancing sustainable energy solutions and committed to making a positive environmental impact.

WORK EXPERIENCE

Energy Engineer/Technician

Seaside Innovations

📅 Jan / 2020-Ongoing

📍 Santa Monica, CA

1. Collaborated with a multi-disciplinary team to perform comprehensive industrial energy assessments and renewable energy installations.
2. Conducted detailed plant-wide energy assessments, identifying key areas for efficiency improvements.
3. Analyzed utility bills and energy-intensive equipment to recommend actionable measures for optimization.
4. Presented findings to clients, demonstrating potential savings through energy efficiency and utility incentives.
5. Performed financial analyses, including ROI and IRR, to support energy efficiency initiatives and justify investment.
6. Leveraged utility incentives to enhance energy efficiency outcomes for clients.
7. Championed the E3 initiative to maximize financial viability and impact for stakeholders.

Energy Engineer

Cactus Creek Solutions

📅 Jan / 2018-Jan / 2020

📍 Phoenix, AZ

1. Managed project development and implementation of energy conservation measures, focusing on water and energy consumption reporting.
2. Conducted energy audits and reviewed project designs to ensure optimal efficiency of chillers and boilers.
3. Engaged with hospital executive boards to present findings and recommendations for energy management.
4. Negotiated with local utility companies regarding rates and incentive programs to benefit projects.
5. Participated in energy industry conferences to stay updated on the latest technologies and best practices.
6. Authored the hospital's energy policy and procedures guide to standardize energy management practices.
7. Oversaw the construction of a \$20 million energy conservation project projected to save over \$2.2 million annually.

EDUCATION

Bachelor of Science in Energy Engineering

University of Florida

📅 Jan / 2016-Jan / 2018

📍 Portland, OR

Focused on energy systems design, renewable energy technologies, and energy efficiency practices.

SKILLS

Client Relationship Management

Project Leadership

Energy Monitoring Systems

Photovoltaic Systems

ACHIEVEMENTS

★ Achieved a 25% reduction in energy consumption for major industrial clients through targeted energy efficiency initiatives.