

EMILY CHEN

Energy Manager Facilities Engineer

NEW YORK, USA

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Summary

Results-driven Energy Manager Facilities Engineer with 8+ years of experience in optimizing energy efficiency, reducing costs, and improving facility operations. Proven track record of achieving significant energy savings, implementing sustainable practices, and leading cross-functional teams to drive business growth.

Experience

Energy Manager Facilities Engineer

Jan 2018 - Present

ABC Corporation

New York, USA

Develop and implement comprehensive energy management plans to reduce energy consumption and costs across multiple facilities.

- Conducted energy audits and identified opportunities for energy efficiency improvements, resulting in a 25% reduction in energy consumption
- Designed and implemented energy-saving projects, including LED lighting retrofits and HVAC system upgrades, yielding a 30% decrease in energy costs
- Collaborated with cross-functional teams to develop and implement sustainable practices, such as recycling programs and green building initiatives
- Analyzed and reported on energy usage and costs, providing data-driven insights to inform business decisions and drive energy savings
- Managed and coordinated with vendors and contractors to ensure timely and within-budget project execution

Facilities Engineer

Jun 2015 - Dec 2017

DEF Company

Chicago, USA

Managed daily facility operations, including maintenance, repairs, and capital projects, to ensure optimal performance and efficiency.

- Coordinated and executed facility maintenance and repair activities, resulting in a 20% reduction in downtime and a 15% decrease in maintenance costs
- Developed and implemented preventive maintenance programs, improving equipment reliability and extending lifespan by 30%
- Conducted energy audits and identified opportunities for energy efficiency improvements, resulting in a 15% reduction in energy consumption
- Collaborated with external vendors and contractors to ensure timely and within-budget project execution
- Provided technical support and guidance to facility staff, enhancing their knowledge and skills in facility operations and maintenance

Education

University of Michigan

University of California, Berkeley

Mechanical Engineering

Energy and Resources

Ann Arbor, USA

Berkeley, USA

2008 - 2012

2012 - 2014

3.5/4.0

3.8/4.0

Skills

Energy Management • Facility Operations • Sustainability • Project Management • Data Analysis •
Leadership • Communication • Problem-Solving • Time Management • Budgeting •
Contract Management • Facility Maintenance • Energy Auditing • Green Building • Recycling Programs