

Suzanne L. Marinello P.E.

Professional Engineer

LEED AP CPEnMS

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541-760-0503

Summary of Qualifications

Licensed Professional Mechanical Engineer

Oregon Professional Mechanical Engineer since 1986

Washington Professional Mechanical Engineer since 1994

LEED Accredited Professional

Institute in Energy Management Professionals

Certified Practitioner in Energy Management Systems – Industrial Sector

Education

California Polytechnic State University in San Luis Obispo

Honors Graduate in Engineering

Bachelor of Science Degree in Environmental Engineering.

Experience

CH2M Hill Industrial and Applied Technology

January 2013 to Present

Lead Energy Modeling

Projects:

Hitachi Global Systems Technology

San Jose, Ca; Prachinburi Thailand; Manila Philippines

HGST is a manufacturer of disc drives with production sites in US, Thailand, Philippines, China and U.K. The energy assessment resulted in \$2.7 million in annual savings associated with projects having a simple payback of 2 years or less, and annual savings of over \$8 million for projects with payback of 3 years or less.

Beiersdorf (Nivea Lotions)

Bangkok, Thailand

Provided energy modeling for LEED strategies, energy savings potential and CO2 per product values for manufacturer. The analysis and report investigated two architectural options, along with eight energy efficiency measures, to evaluate the potential energy savings, possible LEED credits for Certified, Silver, Gold and Platinum.

ISO 50001 – US Dept of Energy Superior Energy Performance

Successfully completed training and certification with the Institute for Energy Management Professionals as a Certified Practitioner in Energy Management Systems.

Northwest Energy Education Institute Lane Community College

March 2009 to December 2012

Faculty Member – Energy Management Programs

Instructor Faculty member at Lane Community College, Energy Management Program.

Courses taught include:

- Air Conditioning Systems Analysis
- Commercial Building Energy Analysis
- Commercial Building Controls Fundamentals
- Alternative Energy Technologies
- Blueprint Reading for Energy Management

Developed curriculum for students at Lane Community College in Eugene, plus provided on-line courses for 2 other community colleges in developing an Energy Management Program.

Marinello Engineering Inc.

1992 to 2012

Professional Mechanical Engineer

LEED AP

Energy Analyst

Provided Professional Engineering and design services to Facilities personnel, Architects, Engineers and Contractors. Services include building mechanical systems engineering, plumbing design, energy use and load calculations, cost estimating, specification writing and construction administration. Proficient in AutoCad for developing construction drawings. Extensive experience in reviewing and approving plans and specifications, coordination of design professionals, providing construction assistance, writing proposals, establishing budget costs and cost estimating.

LEED AP and Energy Analyst with experience in Energy Modeling (eQuest, DOE-2), LEED Documentation, sustainability design, bin data analysis, Excel, Building Energy Utilization Index calculations and building benchmarking.

Endex Engineering Inc.

1988-1992

Mechanical Engineer

Duties included HVAC design for commercial, institutional and industrial facilities. Provided load calculations, feasibility studies, specification writing, and drawing production. In addition to HVAC design, duties included energy auditing and energy use analysis.

Balzhiser & Hubbard Engineers Inc.

1986-1989

Mechanical Engineer

Duties included HVAC and plumbing design for commercial, institutional and industrial facilities. Provided load calculations, feasibility studies, specification writing, and drawing production. In addition to HVAC design, duties included energy auditing and energy use analysis.