

William Barlas

SUMMARY OF EXPERTISE

Interdisciplinary background in energy engineering auditing and consulting.

- ❑ Energy technology characterization and assessment
- ❑ Engineering calculations, reporting, tool development, and on-site data collection

EDUCATION

- ❑ BS in Materials Science & Engineering, University of Wisconsin – Milwaukee
 - GPA: 2.9/4.0, Major GPA: 3.3/4.0, Graduation: January 2015

EXPERIENCE HIGHLIGHTS

Energy and Resource Solutions (ERS), North Andover, MA

May 2014 – August 2014 (4 months)

Engineering Intern. Provided technical assistance for incentive reviews for energy efficiency program in Massachusetts, Rhode Island, and New York. Worked on database development for energy efficiency measures, and chilled water system technical resource manual. Visited 30+ residential sites, collected data, and provided general support for large low income residential energy efficiency program evaluation for New York State. Work included engineering analysis, and general consulting requirements such as tracking hours, understanding and sticking to budgets, and managing small groups to complete tasks.

UW-Milwaukee Industrial Assessment Center, Milwaukee, WI

December 2011-May 2014 (2 years, 5 months)

Student Project Engineer. Performed 26 high level energy audits of manufacturing facilities in Wisconsin and Northern IL. Work included identifying energy savings measures for the facility, and preparing engineering analysis for facility personnel including detailed energy billing analysis, and reporting on energy efficiency measures. Analysis areas included HVAC, process efficiency, lighting, motor systems, boilers and hot water, and chilled water.

PROFESSIONAL AFFILIATIONS

Association of Energy Engineers, UW-Milwaukee Student Chapter