



## Jessica Harris

CEM, CBCP, HERS Rater, NABCEP  
PV Designer, Building Operator

### President and WBE Owner

Jessica is an award-winning energy professional and has over 15 years of experience in energy efficiency with backgrounds in mechanical engineering, project management, construction administration, and extensive experience with utility energy incentive programs. Jessica has successfully performed renewable energy feasibility studies and has developed and administered several Request for Proposals (RFP) on behalf of multiple public clients. Additionally, Jessica has an extensive background in the field of energy efficiency auditing and building commissioning. Prior to opening Harris Energy Solutions LLC, Jessica worked as a Project Manager for CHA Companies where she managed several disciplines for various manufacturing and energy projects, developed proposals including the multidiscipline departments of CHA to satisfy client needs, drafted energy audit reports and reviewed completed energy audits as a third-party consultant to the client, performed solar feasibility studies including AutoCAD conceptual solar layouts for several private and public clients, and partook in business development meetings and networking events to expand CHA's clientele.



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[Jessica Harris | LinkedIn](#)

## EDUCATION

### New Jersey Institute of Technology

Bachelor of Science in Mechanical Engineering 2006

## RELEVANT EXPERIENCE

- Drafted and reviewed Energy Master Plans and Efficiency Feasibility Studies
- Coordinated Local Government Audits as both RFP administrator to a Client as well as Project Manager
- Extensive interaction with Healthcare and Education sectors as an Outreach Contractor to promote energy efficiency incentives using MEP and HVAC background
- Selected and developed proposals to promote future business partnerships and increase energy efficiency opportunities
- Coordinated energy studies with energy procurement staff to create most accurate energy forecast possible to provide most reasonable paybacks and savings assumptions
- Developed energy efficiency projects and relationships with public and private customers in New Jersey, New York, and Pennsylvania
- Successfully performed renewable energy feasibility studies
- Developed and administered various Requests for Proposals (RFP) on behalf of multiple public clients
- Managed multiple projects for Construction Administration of 50 MW of photovoltaic projects including ground, roof, and canopy mounted systems
- Performed ASHRAE level Energy Audits for various building
- Performed Commissioning for various building typologies
- Provided technical support for the successful completion of projects for clients including K-12 school districts, higher education, government (state, county, and municipal), healthcare, and pharmaceutical industries
- Assisted with Microgrid Feasibility Studies
- Performed energy modeling for Multifamily Properties for Low Income Housing

## CERTIFICATIONS, PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS AND SKILLS

### Certifications:

- Association of Energy Engineers (AEE)
  - Certified Energy Manager (CEM)
  - Certified Building Commissioning Professional (CBCP)
- Residential Energy Services Network
  - Home Energy Rating Systems (HERS) Rater
- The North American Board of Certified Energy Practitioners (NABCEP)
  - PV Design Specialist
- Building Performance Institute (BPI)
  - Multifamily Building Analyst (MFBA)
- Northwest Energy Efficiency Council (NEEC)
  - Building Operator Certification Level I
- Occupational Safety and Health Administration (OSHA)
  - 10-Hour General Industry Safety and Health

### Professional Achievements:

- President of the New Jersey AEE Chapter
- Young Professional Engineer of the Year (2014) – New York chapter
- Young Professional Engineer of the Year (2015) – Northeast Region
- Cum Laude for completing Fundamentals of Professional Practice (ASFE)

### Publications:

- Participated in focus group discussion that framed the White Paper "Industry Perspectives: Creating Smart and Sustainable Cities"
- Featured in ENR May 2013 Issue: A Day in the Life of a Woman Engineer
- Outstanding Woman in Solar: Solar Business Festival 2017
- Austin Solar Board Member

### Skills:

- Software: Microsoft Office Suite, Facility Grid, AutoCAD, eQuest, Ekotrop Rater, Helioscope, PVSyst