



Robin Kanakkithodi

CBCP, LEED GA
Senior Energy Engineer

Robin is a Senior Energy Engineer at Harris Energy Solutions with experience in Energy Auditing and Building Commissioning. He graduated from Northeastern University, with a Master of Science in Energy Systems. He graduated from Indraprastha University, with a Bachelor of Technology in Electrical and Electronics Engineering.

EDUCATION

Northeastern University

Master of Science in Energy Systems 2018

Indraprastha University

Bachelor of Technology in Electrical and Electronics Engineering 2016

RELEVANT EXPERIENCE

- Conducted energy and sustainability studies as well as ASHRAE audits for hospitals, laboratories, educational institutions, and mixed-used buildings, identifying energy conservation measures and creating building performance models for capital planning projects
- Managed over 10 building commissioning projects throughout Massachusetts
- Collaborated with construction and engineering personnel to perform field surveys and reviewed construction documents to ensure proper design, installation, and maintenance
- Functionally tested building HVAC, electrical, and plumbing systems in over 40 commercial, industrial, and residential buildings to ensure operational reliability
- Delivered energy and sustainability studies as well as ASHRAE audits for over 15 hospitals, laboratories, educational institutions, and mixed-use buildings, identifying energy conservation measures for capital planning projects
- Developed energy models on eQUEST and Microsoft Excel to calculate the energy savings for various energy conservation measures identified
- Executed IPMVP measurement and verification protocols to establish baseline and validate energy savings
- Commissioned, qualified, and certified cleanrooms for 2 commercial manufacturing facilities
- Performed Monitoring-Based Commissioning for a 270,000 sq. ft. bio-research facility, analyzed trend data, established system rules, and identified energy conservation measures, resulting in over 500,000 kWh savings
- Performed all phases of commissioning of higher education buildings for prominent universities in NJ and for university hospitals

CERTIFICATIONS AND SKILLS

Certifications:

- Association of Energy Engineers (AEE)
 - Certified Building Commissioning Professional (CBCP)
- Leadership in Energy and Environmental Design (LEED)
 - Green Associate (GA)
- Occupational Safety and Health Administration (OSHA) 10-Hour

Skills:

- Software:
 - Microsoft Office Suite, IESVE, eQUEST, Open Studio, SketchUp, COMcheck



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