



## Deng Lin

PE, CEM, CBCP, CMVP, MFBA

### Director of Energy Services

Deng is a Professional Engineer with over ten years of experience in Energy Engineering. He graduated from SUNY Maritime College with a Bachelor's degree in Mechanical Engineering and started a career in the energy consulting field. With extensive hands-on knowledge in Energy Auditing, Commissioning, and Retro-Commissioning, he took a strategic career path change from consulting to being an owner's representative for the City of New York. At NYC Department of Citywide Administrative Services Energy Management, his role was to mass implement Energy Efficiency Projects for all building and demonstrate the validity of energy savings after implementation. His unique experience allows him to bring perspective in both engineering theory and the practical challenges in designing and executing implementation programs at a large scale.



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## EDUCATION

### State University of New York Maritime College

Bachelor of Science in Mechanical Engineering 2009

## RELEVANT EXPERIENCE

- Served as a subject matter expert for the planning and implementation of Local Law 97 within NYC City-Owned buildings
- Served as a committee member to revise the NYC Local Law 87 Retro-Commissioning requirements
- Developed and executed technical standards for review and acceptance of ASHRE Level II Energy Audits & Retro-Commissioning Studies for 600+ NYC City-Owned Buildings (Building types included labs, police stations, fire houses, libraries, offices, residential, correctional facilities, schools, health centers, recreational centers, data centers, and court houses)
- Developed and executed technical standards for implementation of Energy Conservation Measures (ECMs) and Retro-Commissioning Measures (RCMs) at 600+ NYC City-Owned Buildings (Measures included BMS upgrades/conversions, lighting upgrades, pneumatic controls rehabilitations, boiler control upgrades, and HVAC system upgrades)
- In conjunction with the City University of New York, Building Performance Lab, established Measurement and Verification (M&V) guidelines, provided M&V coaching / training for NYC public agencies, and executed M&V for 4000+ implemented ECMs and RCMs
- Acted as the System Integrator for the Second Avenue Subway 96th street stations (Systems included HVAC, Plumbing, Electrical, Fire Alarm, and Tunnel Ventilation)
- Performed ASHRAE level Energy Audits for various building typologies
- Performed Commissioning and Retro-Commissioning for various building typologies

## LICENSES, CERTIFICATIONS, PROFESSIONAL ACHIEVEMENTS AND SKILLS

### Licenses:

- Professional Engineer (PE)
  - New York, License No. 0998059
  - Texas, License No. 145730

### Certifications:

- Association of Energy Engineers (AEE)
  - Certified Energy Manager (CEM)
  - Certified Building Commissioning Professional (CBCP)
  - Certified Measurement & Verification Professional (CMVP)
- Building Performance Institute (BPI)
  - Multifamily Building Analyst (MFBA)
- The Council for Six Sigma Certification
  - Lean Six Sigma – White Belt
- Occupational Safety and Health Administration (OSHA)
  - 30-Hour Construction Safety and Health

### Professional Achievements:

- Association of Energy Engineers (AEE),
  - Young Energy Professional of the Year – 2018 (NYC Chapter)
  - Young Energy Professional of the Year – 2020 (Region I)

### Skills:

- Software:
  - Microsoft Office Suite, Cx Alloy, Facility Grid, AutoCAD