

Position 2: The Greener, Greater Building Plan Internship is available from June 2014 – August 2014

Project Description

In 2009, the City of New York (City) enacted a comprehensive effort, called the Greener, Greater Buildings Plan (GGBP), which targets energy efficiency in large existing buildings. The City's signature effort in energy efficiency is an internationally recognized, industry-transforming policy. GGBP is designed to ensure that information about energy is provided to decision-makers and that the most cost-effective energy efficiency measures are pursued. To learn more, please visit: www.nyc.gov/ggbp. This internship will focus on two of the four legislative components of GGBP: Local Law 84 – Benchmarking (LL84), and Local Law 87 – Audits and Retro-commissioning (LL87). Specifically, the internship position will entail:

- LL84: Analyze and manage LL84 data, advise on academic journal topics, coordinate with academic journal partners.
- LL87: Assist with management of the LL87 data that the City will receive for the first time. Extract meaningful data from PDFs into Excel, and organize large amounts of data. Set a sustainable framework and methodology for future data collection and analysis. Conduct preliminary data analytics to understand data set. Develop strong understanding of American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Level 2 energy audits. Link together LL84 and LL87 data for further analysis.

The intern will work within the OLTPS Green Buildings and Energy Efficiency team under supervision of the Deputy Director for Green Buildings and Energy Efficiency, and work closely with the City's LL87 sustainability enforcement team.

Qualifications

Eligible candidates must have a bachelor's degree by the start of the internship. Although not required, the successful applicant will likely have one or more of the following academic or professional experiences: environmental policy, environmental science, economics, finance, public policy and/or administration, urban studies or urban planning, political science, energy policy, data analysis, urban science and informatics, and/or engineering. Applicants must have overall ability to conduct analytical work with significant attention to detail. This includes moderate to advanced knowledge in Microsoft Office (pivot tables, data arrays, ThinkCell, macros, etc.), Python, and similar software programs; and strong writing skills.

An ideal candidate will have a strong interest in building energy efficiency and data application to influence policy. The candidate is strongly encouraged to review basics in energy auditing, retro-commissioning, energy and water benchmarking, LL84 and LL87 requirements, and ENERGY STAR Portfolio Manager (<http://www.energystar.gov/benchmark>). The candidate should review New York City's second private sector benchmarking report (www.nyc.gov/ll84data), and LL87 input forms (www.nyc.gov/html/gbee/html/plan/ll87_eer.shtml). A background in IT, tech development, coding, and/or mechanical and base building systems is a plus.

The internship is unpaid, full-time, with working hours between 9AM to 5PM, Monday through Friday.

To apply:

Please submit to slee1@cityhall.nyc.gov the following:

- The subject line "GGBP Internship Application – *Full name*"
- A one page cover letter highlighting aspects of your experience that are relevant for this position, including volunteer service, and explain why you are interested in working with our office
- A one page resume

Deadline:

Applications will be accepted until the position is filled, preferably by May 16th 2014. The City of New York is an Equal Opportunity Employer.