

Organization Description

CNT Energy is a nonprofit corporation whose mission is to provide economic and environmental benefits to households, building owners and communities through energy efficiency and conservation. CNT Energy is experiencing rapid growth in three main areas:

- (1) Residential Real-Time Electricity Pricing and Smart Grid Development,
- (2) Energy Efficiency in Residential and Commercial Buildings, and
- (3) Community Energy Planning and Energy Information Center.

CNT Energy is an affiliate of the Center for Neighborhood Technology (CNT), a 31-year old nonprofit organization whose mission is to promote the development and perpetuation of vibrant urban communities that are both environmentally and economically sustainable, both in the Chicago region and throughout the United States. CNT Energy's current program and service delivery offerings include:

Dynamic Pricing and Smart Grid Development

CNT Energy currently supports real-time electricity pricing programs for two Illinois utilities - Ameren's Power Smart Pricing and ComEd's Residential Real-Time Pricing program. CNT Energy provides advice, informational tools and services to help residential customers manage their electricity costs and save energy. Partnering with both utilities and leveraging the available tools, customers can see significant saving in their yearly utility usage and bills. CNT Energy is also providing customer support and education for ComEd's Advanced Metering Infrastructure roll-out to 130,000 homes. CNT Energy also consults with other utilities on how to make real-time pricing an option for their customers and how to integrate pricing programs with smart grid development.

Energy Efficiency in Residential and Commercial Buildings

Multifamily energy efficiency program — CNT Energy is working with the owners of multifamily rental buildings in the Chicago metro region to reduce energy costs and maintain moderate rents by providing technical and financial assistance in a one-stop energy efficiency shop.

Green building research and evaluation — CNT Energy is working with the Chicago Public Building Commission and USGBC to evaluate the performance of green buildings. CNT's LEED-Platinum building is being used as a model and demonstration project to help others learn more about how to build the next generation of energy-efficient, cost-effective buildings.

Regional Energy Planning

Climate change analysis — CNT Energy is part of a team assessing the carbon dioxide emissions of Chicago and the region, and developing strategies to reduce emissions.

Regional energy planning — Building off the Kane County Energy Plan, CNT Energy advocates the critical importance of planning for the changing energy environment and infrastructure needs in growing communities. CNT Energy is working with municipalities across northern Illinois to assist communities with Energy Efficiency and Conservation Strategy development and implementation.

Green and Healthy Housing

Green and Healthy Housing is a new initiative at CNT Energy. There is recognition among practitioners and local government that programs such as energy efficiency, lead abatement, pest management and other green and healthy homes efforts should be coordinated. However, joint delivery is currently the exception, rather than the norm. CNT Energy is working with other partners toward comprehensive implementation of Green and Healthy Housing Initiatives.

Position

The Energy Auditor/ Building Performance Analyst for the CNT Energy division will work primarily on the Energy Savers Program, providing technical assistance to multi-family rental building owners. The Energy Auditor/Building Performance Analyst will conduct energy audits, complete energy modeling of buildings and assist Energy Savers management to oversee all aspects of energy efficiency retrofit projects. The energy auditing includes analyzing existing properties to evaluate the current and potential energy usage of multi-family rental buildings via a variety of evaluation tools, including utility bill analysis, comprehensive on-site audits, energy modeling and baseline analysis.

The Energy Auditor/Building Performance Analyst will interface directly with multi-family rental building owners, contractors and property managers to support and direct their efforts to achieve significant improvement in building performance. The position is based in Chicago but will provide assistance to properties across Cook & Lake Counties and other areas.

Accountability

The Energy Auditor reports directly to the Energy Efficiency Programs Director of CNT Energy. The auditor will work closely with CNT Energy's Construction Manager as well as other staff.

Responsibilities:

- Conduct on-site energy audits of residential, commercial and other buildings
- Use of energy simulation software to estimate energy usage
- Work with project partners throughout energy retrofit process Construction Manager, and Client in developing work plans for retrofits.
- Conduct building energy performance monitoring.

Green and Healthy Homes Coordinator - Job Description

- Assist Construction Manager in coordinating project inspection.
- Provide technical consulting to project participants, i.e. property owners, property managers, developers and other project partners
- Write reports according to program guidelines
- Write specifications for energy conservation measures
- Communicate effectively with Owners, Contractors, CNT staff and other project partners.
- Contribute to efforts related to outreach strategies and recruitment of property owners
- Communicate with contractors and oversee construction management as necessary
- Contribute to other CNT Energy Efforts as required

Qualifications/Skills:

- Extensive knowledge of, and experience in, construction management and building science,
- Bachelors degree, or comparable experience, in engineering, environmental science or building science related disciplines is desired.
- Experience with energy retrofits or construction field desired
- Experience with computer energy modeling
- Excellent written and verbal communication
- Strong management skills
- Strong analytical thinking and problem solving
- Ability to work well independently and in a team setting
- Local and regional travel is anticipated
- Valid Drivers License

Anti-Discrimination Policy

The Center for Neighborhood Technology is an equal opportunity employer that does not discriminate against any employee or job applicant based on race, color, national origin, religion, sex, sexual orientation, age disability, veteran status, or marital status. This policy applies to all terms and conditions of employment, including, but not limited to, hiring, termination, promotion, transfer, layoff, leaves of absence, compensation and training.

This is an Exempt position. Salary is commensurate with experience.

To apply, please send cover letter, resume, and salary history to:

Human Resources
Center for Neighborhood Technology
2125 W. North Avenue
Chicago, IL 60647
Fax to 773-278-3840 or email to bridget@cnt.org
No phone calls please.