



Job Title	Senior Research Associate
PVN ID	CC-2407-006371
Category	Research
Location	The CITY COLLEGE of NEW YORK
Department	CUNY Building Performance Lab
Status	Full Time
Annual Salary	\$90,000.00 - \$110,000.00
Hour(s) a Week	35
Closing Date	Sep 10, 2024 (Or Until Filled)

General Description

Lead applied research projects in Technical Services team; Undertake various measurement & verification (M&V) efforts for the Department of Citywide Administrative Services (DCAS) Division of Energy Management (DEM), including prediction/quantification of energy savings & GHG emissions associated with projects implemented across DEM programs & partner agencies; Develop measurement guidance documents/training materials, provide tools/technical assistance to agency personnel for project planning, take project measurements & perform in-depth energy/building systems analyses; Develop standardized M&V protocols/procedures for Energy Conservation Measures (ECMs) & Sequences of Operation (SOOs) related to Building Automation Systems (BAS); Develop coaching on M&V concepts/measurement techniques & conduct coaching sessions with specific agencies to address their unique building needs; Develop/implement various regression & forward modeling techniques for extrapolating short-term measurements into annual estimates of energy consumption; Conduct measurements/analyses to develop M&V findings for selected projects; Identify/document recommendations for improving program performance.

Other Duties

Qualifications

Master's degree in Energy/Sustainability or a related field.

Minimum 2-year experience with energy efficiency/low carbon projects & implementation of energy efficiency retrofit; Must be experienced with building mechanical systems, energy costs & energy savings/emissions calculations methodologies; In-depth understanding of building energy systems & energy efficiency technologies; Strong ability to read/interpret mechanical/electrical schematics/drawings; Familiar with technical project management operations, NYC infrastructure, electrical & energy codes; Proficient in MS Office

Suite/Python. CEM Cert required.