Job Title	Energy Data and Performance Analyst
PVN ID	VA-2511-007122
Category	Information Technology
Location	OFFICE OF SR. UNIV DEAN FOR ACADEMIC AFFAIRS
Department	DCAS, Division of Energy Management
Status	Full Time
Annual Salary	$70,000.00 - $74,536.00
Hour(s) a Week	35
Closing Date	Jan 21, 2026 (Or Until Filled)

General Description

Through its partnership with the City of New York, CUNY's Building Performance Laboratory is hiring qualified energy management professionals to serve as on-site consultants and fill critical staffing capacity needs at the Department of Citywide Administrative Services Division of Energy Management.

For background, the Division of Energy Management (DEM) within the Department of Citywide Administrative Services (DCAS) oversees more than 10,000 utility accounts across City agencies, representing one of the largest public-sector energy portfolios in the nation. DEM is responsible for auditing and validating utility data, managing energy supply and performance programs, and supporting the City's long-term climate and electrification goals under Local Law 97 and OneNYC 2050.

For this specific role, on behalf of DEM, CUNY BPL seeks to hire an Energy Data and Performance Analyst to play a key role in advancing DEM's data-driven operations by expanding its analytics, performance monitoring, and reporting functions. The position supports multiple high-priority initiatives, including the integration of Advanced Metering Infrastructure (AMI) data, electric vehicle infrastructure performance tracking aligned with NYC's Green Rides Initiative, and solar and distributed energy resource (DER) monitoring. The Analyst will also contribute to ongoing Energy Cost Control and Conservation Portal (EC3) data validation, anomaly detection, and dashboard management to improve accuracy and transparency across DEM's reporting systems.

This is a hybrid position working on-site 3 days a week at 1 Centre St, New York, NY 10007. NYC residency may be required for continued employment. Immigration sponsorship is not available through this program.

Other Duties

Under this assignment, the person's responsibilities may include the following:

- AMI Data Integration | Support management and analysis of high-frequency interval data; assist with

meter performance profiling, peak-demand tracking, and anomaly detection.
- EV Infrastructure Reporting | Maintain dashboards on charger usage, uptime, user feedback, and pricing, support planning and reporting tied to NYC's "Green Ride" electrification goals and DCAS initiatives.
- EC3 Data Quality Assurance | Conduct monthly validation and reporting for EC3 billing data; backfill review tasks to ensure continuity; and improve anomaly detection and workflow efficiency.
- Energy Impact Tracking | Analyze usage and cost impacts from fuel cells, cogeneration units, and EV infrastructure; and connect insights to HLP budget planning and project evaluation.
- Solar, VDER, Renewable Energy Credit (REC) Performance Monitoring | Analyze solar generation versus expected VDER credits; identify underperforming systems and long-term production trends; and track Renewable Energy Credit (REC) creation and retirements.
- Power Purchase Agreement Oversight (NYPA & Generate) | Develop reports comparing actual vs. projected energy delivery; and monitor price per kWh costs and flag sites for deeper review.
- Dashboard Maintenance | Update and QA dashboards covering EV, solar, interval, and anomaly data; and support design and visualization improvements with IT and Analytics teams.

Qualifications

- Master's Degree in Mathematics, Data Science, Engineering, Economics, Statistics, or a related quantitative or environmental field.
- Demonstrated experience in energy analytics, financial or operational data analysis, or performance reporting.
- Strong proficiency with Microsoft Excel and data visualization tools (Power BI, Tableau, etc.).
- Excellent analytical, organizational, and communication skills with attention to detail.
- Ability to manage multiple priorities and work collaboratively in a fast-paced environment.

Preferred Qualifications

- Experience with EV infrastructure planning, reporting, or performance analytics.
- Familiarity with EC3 or other large-scale energy data platforms.
- Experience with utility billing systems, AMI data, or energy-performance monitoring.
- Knowledge of SQL, Python, or other data-management tools.
- Understanding of distributed generation (solar, cogen, fuel cell) performance metrics.
- Background in public-sector energy management or sustainability programs.