



Jillian Panagakos



Senior Energy Engineer

Jillian Panagakos is an Energy Engineer with a Bachelor's degree in Environmental Engineering from the Macaulay Honors College at CUNY. She was responsible for the whole-facility and portfolio-level assessments of ECMs for the City of New York and collaborated with other members of senior management to direct the strategic vision of the organization as a whole. She led the groups' efforts with the NYC Department of Environmental Protection to monitor and reduce the carbon emissions associated with energy-intensive treatment processes.

Jillian@harrisenergysolutionsllc.com
<https://www.linkedin.com/in/jilian-panagakos/>

Education

Macaulay Honors College at the City College of New York
2014-2018

B.S. Earth Systems Science and Environmental Engineering

Representative Project Experience

- Measurement and Verification
 - Develop and execute management plans and calculation methodologies for energy-saving projects in accordance with IPMVP standards.
- Energy Data Modeling
 - Analyze the results of linear change-point regression modeling of energy data for portfolio-wide energy consumption analysis.
- Data Analytics and Visualization
 - Parse large datasets of energy consumption metrics and consolidate into most important pieces of information. Visualize in dashboards using Tableau.

Relevant Experience

- Assembles measurement and verification plans and reports in accordance with industry-standard guidelines for a portfolio of projects implemented at NYC municipal facilities.
- Established a training and agency support program to provide resources to all NYC agencies for self-performing measurement and verification on internal energy efficiency projects.
- Conducted annual segmentation analysis study based on results from linear change-point regression models for entire portfolio of NYC municipal facilities.
- Led research efforts in developing standardized measurement and verification methodologies for water resource recovery facilities and identifying ways that private-sector buildings can improve reduce risk associated with NYC local Law 97 carbon tariff limits.
- Assembled the viability of municipal landfills throughout New York State for solar implementation using GIS and measured solar irradiance data.
- Trained utility trade allies in technical principle and field application of energy efficiency technologies.

Areas of Expertise

- Energy data modeling
- Measurement and Verification
- Data analytics and visualization
- Solar viability assessments
- Project management
- Small business consulting