

# Clean Energy Workforce Development

Building Operations & Maintenance – Healthcare



Get more out of your building with NYSERDA's **Building Operations & Maintenance Workforce Training Program**

**IDENTIFY**  
training needs

**PARTNER**  
with a training organization or develop your own training

**SUBMIT**  
a [proposal](#)

**\$10 MILLION**  
available

**Have a Question?**

Email the Workforce Development Team at [wfinfo@nyserderda.ny.gov](mailto:wfinfo@nyserderda.ny.gov)

or visit [nyserderda.ny.gov/BOM](http://nyserderda.ny.gov/BOM)

## Custom, hands-on, and funded training for your healthcare facilities team

Healthcare organizations spend over \$6.5 billion on energy each year, and that amount is rising to meet patients' needs. By becoming more energy-efficient, hospitals around the country can save money. In fact, for every \$1 a non-profit healthcare organization saves on energy translates into \$20 in new revenues for hospitals, or \$10 for medical offices.<sup>1</sup>

Keeping up with all the requirements for new equipment, new staff, new training, new best practices, and even new tenants can seem overwhelming. However, NYSERDA can help. It offers operations and maintenance (O&M) training initiatives designed to support your transition to clean energy.

**By reducing energy costs just 5%, for-profit hospitals, medical offices, and nursing homes can raise earnings-per-share by a penny.<sup>2</sup>**

### Pathways to Improvement

By participating in [NYSERDA's Building Operations and Maintenance Training Program](#), your workforce will be properly trained in today's clean energy systems. With the right workforce training, you can expect:

- Improved indoor air quality and reduced infection transfer rates
- Reduced energy/water use and related costs
- Increased occupant satisfaction
- Improved skilled employee retention due to promotion and career advancement opportunities
- Reduced equipment breakdowns and maintenance costs
- Increased engagement in risk management instead of crisis management
- Compliance with NYCs Local Law 97 (or penalty avoidance due to non-compliance)

Just as importantly, upgrading your buildings and workforce will contribute to New York's ability to reach its ambitious goal of reducing economy-wide greenhouse gas (GHG) emissions 40% by 2030, and no less than 85% by 2050 (when compared to 1990 levels<sup>3</sup>).

<sup>1</sup> U.S. Environmental Protection Agency ENERGY STAR program, <https://www.energystar.gov/ia/partners/publications/pubdocs/Healthcare.pdf>

<sup>2</sup> <https://www.energystar.gov/ia/partners/publications/pubdocs/Healthcare.pdf>

<sup>3</sup> New York Climate Act, [climate.ny.gov/Our-Climate-Act](http://climate.ny.gov/Our-Climate-Act)



**NYSERDA**

## Funds for Change

By applying to [Program Opportunity Notice \(PON\) 3715](#),<sup>4</sup> employers and building owners can receive funding for the development and implementation of building O&M training programs. Specifically, PON 3715 is aimed at workforce educational strategies, on-site training frameworks, and the tools needed to advance the skills of building O&M workers. It provides funding coverage for 70–90% of these types of project costs, which translates into low out-of-pocket expenditure.

Additionally, employees' wages can be included in the cost-share even while they are working on project tasks, while in training, and while using equipment specifically designed for training purposes. Training fees offset by a third party can also be included in the cost-share. Have a look at the Project Spotlights below, which illustrate ways that PON 3715 is useful.

*Through NYSERDA's Workforce Development program, thousands of employees have been trained, impacting operations of more than 450 million sq. ft. of floor space. Organizations that applied for funding through PON 3715 are already reporting benefits.*

### 1. PROJECT SPOTLIGHT – WEILL CORNELL

Weill Cornell Medicine Engineering and Maintenance Department is responsible for a multitude of buildings, all with diverse energy needs. These research, patient care, and educational spaces are highly energy-intensive due to process loads, high ventilation rates, and special pressurization needs. Weill Cornell:

- Created a culture of O&M training.
- Enrolled 24 employees in NYSERDA-funded workforce training sessions.
- Reduced annual water usage across their buildings by 10%.
- Reduced annual electricity use by 5% across five buildings.
- Reduced annual natural gas consumption by 8% in a single building.

### 2. PROJECT SPOTLIGHT – MEMORIAL SLOAN KETTERING CANCER CENTER

Memorial Sloan Kettering Cancer Center in Manhattan partnered with the Refrigeration Institute and the CUNY Building Performance Lab to establish a facility staff training curriculum on high-performance operations strategies. Key elements of their program included:

- Continuing education program, with 32 of the Center's building operators participating in a 15-hour course where they collected data, diagnosed problem areas, and developed strategies to address issues.
- Apprenticeship program, with 12 participants completing 1,200 hours of classroom training, hands-on professional experience, and on-the-job coaching sessions with senior staff. This prepared staff for EPA 608 Technical Certification and the Refrigeration System Operating Engineers written and practical exams.

If your building portfolio has annual energy expenditures of \$1 million or more, now is the time to take advantage of resources offered through PON 3715 and invest in an innovative, forward-looking workforce development program.

## Ready to Get Started?

Visit [PON 3715](#) for more information.

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Become familiar with **additional NYSERDA programs** that support your workforce transition and can help New York's organizations achieve significant benefits and savings!

#### FlexTech Program

Questions: [FlexTech@nyserda.ny.gov](mailto:FlexTech@nyserda.ny.gov)

Schedule an energy check-up at: [nyserda.ny.gov/All-Programs/FlexTech-Program](https://nyserda.ny.gov/All-Programs/FlexTech-Program)

#### On-site Energy Manager Program

Questions: [OnsiteEnergyManager@nyserda.ny.gov](mailto:OnsiteEnergyManager@nyserda.ny.gov)

Hire a dedicated energy manager at: [nyserda.ny.gov/All-Programs/On-Site-Energy-Manager](https://nyserda.ny.gov/All-Programs/On-Site-Energy-Manager)

#### New Construction – Commercial Program

Questions: [NewConstructionProgram@nyserda.ny.gov](mailto:NewConstructionProgram@nyserda.ny.gov)

Build sustainability into your facility at: [nyserda.ny.gov/All-Programs/New-Construction-Program](https://nyserda.ny.gov/All-Programs/New-Construction-Program).

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<sup>4</sup> [nyserda.ny.gov/PON3715](https://nyserda.ny.gov/PON3715)

