

New Jersey Energy Programs Approved Trade Ally



TURNKEY ENERGY EFFICIENCY SERVICES FROM EQUIPMENT INSPECTIONS AND REBATE IDENTIFICATION TO RETRO- COMMISSIONING, REPLACEMENTS, AND MAINTENANCE —

A big challenge for organizations seeking to improve their energy efficiency is knowing where to start and whether those efficiency improvements qualify for utility-company incentives.

As an approved Trade Ally with 40 years' experience in HVAC and Building Automation, CM3 helps public and private entities work within their New Jersey utility company's rebate program to identify and repair/replace inefficient equipment, and operations with high-efficiency alternatives.

Our "no surprises" approach ensures complete transparency regarding the total project cost and savings opportunities. And, our comprehensive site assessment is followed by a detailed quotation, identifying each available rebate and what the actual net costs will be.

PROGRAM OPTIONS

DIRECT INSTALL

Typically for small organizations and schools. (Must have an average annual electric demand of 300 kW or less). Covers up to 70% of the upfront cost to install the recommended energy efficiency measures, delivered through an approved Trade Ally. Must be delivered as a one-for-one replacement program. Qualified measures include:

- LED lighting and lighting controls (interior, exterior)
- HVAC upgrades, rooftops, and chillers
- Building automation controls
- Boilers
- Motors and variable frequency drives
- Water Heaters

PRESCRIPTIVE

Generally for mid-size and larger facilities. Offers incentives to customers installing high-efficiency equipment across a wide range of technologies. Qualified measures include:

- Lighting and lighting controls
- HVAC upgrades and controls
- Building automation controls
- Refrigeration equipment
- Motors and variable frequency drives
- Commercial appliances
- Office equipment

CUSTOM/ENGINEERED SOLUTIONS

Supports tailored, comprehensive energy-efficiency solutions for larger commercial customers, allowing them to identify inefficient operations and equipment and design a more efficient facility. Qualified measures include:

- Building energy management systems
- Electric chillers
- Building shell improvements
- Compressed air
- Custom HVAC/chillers/controls
- Custom refrigeration
- Custom motors drives
- Retrofit of existing electrical & electric mechanical

The Clean Energy Program helps organizations achieve lower equipment installation costs, shorter payback periods, and reduced energy use. And, the energy efficiency improvements provide short and long-term benefits.

- ✓ Reduce energy costs
- ✓ Reinvest savings into future opportunities
- ✓ Increase facility operational efficiencies
- ✓ Create a more comfortable environment for building occupants
- ✓ Help meet environmental goals and support lower carbon footprint standards



GREENHOUSE GAS REDUCTION

Supported by the NJ Dept. of Economic Development, the goal of NJ Cool is to reduce on-site operating greenhouse gas emissions from existing buildings. The program provides financial assistance to non-residential building owners and tenants undertaking greenhouse-gas reduction retrofit projects in state-designated areas. The grant awards range from \$50,000 to \$1 million and help fund changing to electric fuel for heating and/or new environmentally friendly refrigerants.

Ask us for more information about this program!



ENERGY MANAGEMENT

New Jersey's utility companies offer a variety of Energy Management programs which also qualify for incentives. The programs provide holistic solutions and incentives to optimize the performance of existing building systems. Can include HVAC tune-up and building tune-up, retro-commissioning, and strategic energy management solutions. Eligibility requirements and rebates vary by measure and by utility company.

CM3 is knowledgeable about all these programs, their requirements and the available incentives. Options include:

HVAC Tune-up

Ensures that your systems are working at optimal efficiency—helping you conserve energy and save money. Over time, HVAC units can go out of tune from their original factory settings. CM3's HVAC Tune-up helps return equipment to its proper operational state. Tune-ups are applied to rooftop units, heat pumps, AC units, and packaged terminal units (PTAC and PTHP).

- Cleaning of System's Evaporative and Condensing Coils
- Air Filter Replacement
- Insulation Repair
- Refrigerant Change

Building Tune-up

Ensures building systems are operating at peak efficiency. Re-tunes your building's existing mechanical, electrical, and thermal systems with the goal of enhancing them or returning them to their original functionality which can optimize the life of existing equipment and increase operational energy and demand savings. Qualified measures include:

- Lighting Optimization
- HVAC Optimization
- Chiller Optimization
- Electric/Other Optimization

Retro-commissioning (RCx)

Helps large commercial and industrial customers enhance the performance of their building automation and control systems. By identifying and implementing measures that restore mechanical, electrical, and thermal systems to their original or improved design, RCx ensures optimal efficiency with reduced energy consumption up to 15%, functionality, and an improved building environment for occupants.

Monitoring-based Commissioning

Resolves operational problems to improve comfort and optimize energy use. Our monitoring software paired with your building automation system identifies energy savings opportunities, optimizes building performance and energy efficiency, and alerts you when equipment is not operating as expected.

- Maximize potential incentives with a deeper dive into your building's overall performance
- Monitor and identify cost savings opportunities
- Benefit from a continuous process to improve comfort and optimize energy usage
- Maximize the operational efficiency of your building

PROGRAM OVERVIEW



ASSESSMENT

Customers obtain a no-cost energy assessment from CM3. The proposal will detail out the total cost of the project, the amounts of all eligible incentives, and the total balance that will be owed. (Total project cost – incentives = total amount owed).



INSTALLATION

Customers determine which energy savings measures to pursue and then contract with CM3 to install those energy-saving upgrades. The local utility company (through a program management partner) will conduct pre- and post-inspections of the work to ensure the job was completed in keeping with program rules.



PAYMENTS & SAVINGS

The customer achieves ongoing energy savings through the installed upgrades. Payments for those upgrades can be made one of two ways: Customers can pay it directly or they can finance it through their utility company's On Bill Repayment plan (see Financing).

UTILITY COMPANY APPROVED

CM3 is an approved Trade Ally and can conduct various direct install, prescriptive and custom measures to qualify for incentives with all New Jersey utility companies:



FINANCING

Qualifying customers may be eligible for 0% financing up to a 5-year term. There is no application fee. This process is called the On Bill Repayment plan, in which customers repay the applicable cost of the equipment installed via their utility bill. Both equipment and labor costs can be included in the OBR plan.

For most customers, OBR is a highly attractive option. Although the overall utility bill increases (to cover the cost of the new equipment that was not covered by incentives), the energy usage decreases and this helps to offset the cost of the equipment that was purchased. In essence, the OBR functions like a mini-ESCO, with energy savings paying for equipment investments.

