

FlexTech Consultants and Their Areas of Expertise

***AKF** – AKF is full service engineering firm founded in 1989, providing engineering services for a wide range of facilities including corporate, education, healthcare, critical systems, central utilities, science and technology, residential, retail, government, cultural, and hospitality. The corporate headquarters is located in New York City. AKF’s “Energy Service Group” focuses on energy optimization projects including, chiller/boiler plants, critical systems, CHP/cogeneration, energy benchmarking, energy audits, retro-commissioning, energy modeling, peak-load reduction, load management strategies, controls, carbon footprint reduction, and green building consulting for LEED® projects.

ANTARES Group Inc., Syracuse – ANTARES is a company that specializes in providing technical and analytical support for a variety of energy efficiency-related projects. The ANTARES FlexTech team includes professional engineers, LEED® accredited professionals, and Certified Energy Managers. ANTARES regularly performs combined heat and power and distributed generation feasibility studies. As a NYSERDA Flex Tech consultant ANTARES provides general feasibility studies, industrial efficiency analyses (including energy audits), carbon mitigation studies, energy advisor services, and implementation assistance.

ARAMARK, Albany – Over the past 30 years, ARAMARK has provided energy and commissioning solutions for more than 270 clients. ARAMARK specializes in providing energy advisory and implementation services, retro- and continuous commissioning services, and carbon mitigation and general feasibility studies. ARAMARK has experience serving various clients, and specializes in supporting the healthcare, K-12 and higher education markets. ARAMARK can identify, develop and implement comprehensive solutions to produce positive cash flow for clients across New York State. ARAMARK professionals have experience with cooling and heating systems, laboratory controls, HVAC, and electric and plumbing systems.

Barton & Loguidice, P.C., Albany, Syracuse, Rochester – Barton & Loguidice provides comprehensive energy audits, cost benefits analysis, building energy modeling, Green Building and LEED®, HVAC systems and controls, boiler and chiller plants, energy recovery systems, lighting/controls, emergency power systems, combined heat and power (CHP), distributed generation (DG), utility interfacing, peak-demand management, evaluation of energy contract proposals, water and wastewater process optimization, alternative process technology evaluation, industrial processes, and municipal, industrial, and commercial facilities engineering.

Bergmann Associates, Rochester, Syracuse, Buffalo, and Albany – Bergmann Associates specializes in identifying cost effective, feasible solutions to reduce energy costs and usage. Capabilities of the firm include energy audits, focused feasibility studies, energy modeling, cogeneration, and LEED® consulting. Bergmann Associates has extensive experience in industrial and manufacturing facilities engineering. Bergmann Associates has significant expertise in energy efficient steam and chilled water systems, including staff that have been responsible for plant operations. The firm has dedicated commissioning and retro-commissioning specialists, and experience commissioning projects from 800 to 1.2 million square feet.

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Camp Dresser & McKee (CDM), Albany, New York City, Syracuse, Woodbury – CDM is a full service consulting, engineering, construction, and operations firm delivering service to public and private clients across New York State, including municipal, industrial, and institutional customers. Founded in 1947, CDM has a uniquely comprehensive perspective on energy management projects, with services encompassing energy audits, efficiency analyses, facility studies, rates studies, process improvement design and construction, power generation, green house gas and carbon mitigation studies, reliability studies, efficiency planning, operations optimization, and troubleshooting. CDM provides retrocommissioning services, implementation assistance, development of peak load reduction strategies and combined heat and power (CHP) and distributed generation evaluation and design. CDM also has unique expertise and experience in providing comprehensive and innovative solutions to optimize water and wastewater plant performance and efficiency while meeting today's stringent regulatory requirements.

CDH Energy Corporation, Cazenovia and Syracuse – CDH provides energy evaluations, feasibility studies, and investment-grade audits for industrial and commercial facilities. CDH applies in-house stock of power meters, data loggers, blower doors, and other instrumentation to quantify savings and impacts based on measured data. CDH provides monitoring/metering, building simulations, retrocommissioning, detailed utility rate analysis, energy benchmarking, and LEED® EB services. CDH has technology experience with CHP, fuel cells, microturbines, chiller/boiler plant optimization, geothermal heat pumps, ventilation/IAQ, building/duct air leakage, dehumidification, supermarkets, and refrigeration.

C.J. Brown Energy, P.C., Buffalo – A FlexTech consultant since 1998, C.J. Brown Energy assists clients in reducing operating costs through sound energy utilization, conservation and management strategies. The company specializes in comprehensive energy programs, which are developed and implemented through a wide array of energy engineering services. C.J. Brown Energy provides energy evaluations and feasibility studies including preliminary, detailed and investment grade audits. Its employees are experienced in the development of energy efficiency projects in such areas as building energy modeling, life cycle cost analysis, conceptual design, Executive Order 111/ LEED® green building support, MEP design, building commissioning and retrocommissioning and performance contract implementation assistance. Energy procurement and peak load reduction services include rate analysis and aggregation, demand-reduction assessments, advanced metering, and NYISO load curtailment program participation. Additional areas of expertise include CHP, distributed generation, heat recovery, building system optimization, and industrial process energy analysis.

Clough, Harbour & Associates LLP (CHA), Albany, Rochester, Buffalo, Syracuse, Goshen, and New York City – CHA provides energy planning, modeling, and procurement, waste heat recovery, HVAC, industrial processes, compressed air, steam and hot water systems, chilled water systems, waste minimization, water and wastewater, lighting, electrical, LEED® certification assistance, combined heat and power (CHP), IAQ, retrocommissioning, and environmental services.

C&S Engineers, Albany, Buffalo, Syracuse, Binghamton – C&S is a full service engineering firm specializing in making built environments stronger, our natural environments richer, and all environments more sustainable. C&S works with clients to assess and meet their energy and operational efficiency needs, and assist in achieving cost savings and efficiency improvements, from planning and funding through design and construction. By assembling a team of diverse experts, C&S addresses sustainability, smart meters, and conservation. C&S provides net-zero cost retro-commissioning, carbon neutrality or sustainability planning, smart meter integration, and energy reduction services. The C&S team includes experienced NYS certified energy professionals.

*Perform FlexTech Services in Con Edison and Orange & Rockland Territories only.

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The Daylight Savings Company (Daylight), Goshen, New York City – Daylight offers expertise in: PlaNYC compliance, benchmarking, energy audits, energy data logging, energy master plans, energy efficient design, investment grade audits, retro-commissioning, sustainability, green buildings, carbon footprint reduction, climate change impact reduction, LEED[®], peak load reduction, lighting design (including LED), energy performance contract client advocacy. Since 1991, the Daylight Savings Company has provided energy efficiency services for facilities in all sectors: office, retail, municipal, educational, manufacturing, healthcare, hospitality, etc. Services include: energy audits and technical feasibility studies, equipment specification (e.g. lighting, controls, HVAC, chillers), design review and bidding, custom assistance, geothermal assessments. Implementation services include: design, project management, procurement, technical and administrative assistance, M&V, construction management, project financing options.

Dome-Tech, Incorporated, New York City – Dome-Tech, Inc. is an energy engineering and energy consulting company. Focused on energy conservation and green buildings, Dome-Tech, Inc. provides energy consulting, retro-commissioning, re-commissioning, commissioning, procurement consulting, energy engineering and design build project management services to commercial, industrial, educational, healthcare and pharmaceutical clients. With over 21 years of experience in customized energy solutions, Dome-Tech, Inc. understands the client's need to gain a competitive advantage through energy conservation, cost cutting and innovative facilities practices.

EMCOR Energy Services (EES), Rochester, Albany, New York, Norristown, PA – At EES, energy is the core business, with a mission to give clients control of their energy future, mapping out smart, sound energy strategies for the long-term, as well as the short-term, transforming facilities into high performance green buildings, and improving client bottom-lines. EES offers full service energy engineering and project development. EES provides energy audits, retrocommissioning, and energy advisory/management services help clients minimize energy usage, reduce GHG emissions, optimize performance and improve facility functionality. EES also has cogeneration design/build expertise. For 29 years, we have dedicated our energy expertise to providing engineering excellence and developing and delivering smart, creative energy efficiency projects to all market sectors including commercial, industrial, and government customers.

EME Group (EME), New York City, Albany – EME has worked on most every type of building system commonly found in New York State. The following are examples of projects completed by EME: electric peak reduction analysis, fossil fuel efficiency analysis, boiler/chiller plant analysis, MEP design services, building system optimization, sustainable design services, building commissioning services, detailed feasibility studies, project peer review, metering and system monitoring, steam distribution system analysis, cogeneration system analysis, advanced metering, and energy performance contract client advocacy.

ENERACTIVE Solutions, New York City – ENERACTIVE Solutions is an independent, full service energy engineering and project development company specializing in the analysis, development, and installation of cost-effective energy conservation projects. ENERACTIVE leverages both traditional demand side strategies and newly available supply side initiatives to ensure optimum facility performance and lower operating costs. Our services include Energy Master Planning, Energy Audits, Retro-Commissioning, Energy Awareness Training and Education Programs, and Active Portfolio Management for Energy Procurement. We provide services to all market sectors including commercial, municipal, health care, pharmaceutical, manufacturing, higher education and K-12. Services provided through the FlexTech Program are provided via our lower Manhattan office.

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Energy & Resource Solutions (ERS), New York City – ERS is a full-service engineering consulting firm specializing in energy efficiency and offering comprehensive technical services for commercial and industrial facilities. Areas of expertise include the following: comprehensive energy studies, specific technology feasibility assessments, high performance lighting assessment and design, premium efficiency HVAC modeling, commissioning services, compressed air system optimization, demand reduction assessments, industrial equipment studies, productivity analyses, refrigeration equipment evaluation, building modeling and simulation, monitoring and verification, utility rate review, supply-side planning, NYC economic development consulting, green buildings/LEED® specification, distributed generation modeling, and combined heat and power (CHP) analysis. ERS also provides a comprehensive menu of technical training programs for customers, vendors, and efficiency program staff. Additionally ERS assists with design services, project implementation support, commissioning, and project evaluation.

Genesys Engineering, P.C., Pelham, Kingston – Genesys is a multi-disciplined engineering firm whose main focus is the Study, Design, Construction Management, and Commissioning of energy and utility infrastructure projects for facilities. Genesys has extensive experience in performing large and small scale energy audits, building energy simulation and analysis, and developing strategies and recommendations to achieve energy savings and improve facility operations. Genesys specializes in central chilled water/boiler plants, distributed generation/combined heat & power plants, HVAC systems, and building management systems. Genesys serves clients in the industrial, higher education, health care, and commercial sectors.

***Goldman Copeland Associates (GCA)** – GCA is a full-service engineering consulting firm providing energy and technical services for commercial and institutional facilities for over 40 years. A FlexTech provider since 2006, GCA's services include long-term energy consulting and planning, comprehensive energy audits, retro-commissioning, cost benefits analysis, energy procurement assistance, building energy modeling, Green Building and LEED® support, HVAC systems and controls, boiler and chiller plants, combined heat and power (CHP), distributed generation (DG), lighting, controls, emergency power systems, peak-demand management, institutional and commercial facilities engineering, design services, project implementation assistance, and commissioning.

Guth DeConzo Consulting Engineers, Albany, New York City – Guth DeConzo is a full service MEP firm with a focus on the energy services industry. Guth DeConzo provides services in energy studies, building modeling, commissioning, retro-commissioning, and LEED® certification. An active in design and construction administration, Guth DeConzo can bring a “real world” practicality to energy consulting services. Most energy study and retro-commissioning projects include extensive data logging and trending (performed by in-house staff), which helps to ensure that the studies are based on actual field conditions. Guth DeConzo's client base includes hospitals, higher education, K-12, industrial clients, complex HVAC (data centers and laboratories), and commercial clients. Guth DeConzo is actively involved in all facets of the energy services field including, HVAC, lighting, building management controls, boiler/chiller plants replacement and optimization, and distributed generation.

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***Horizon Engineering Associates, LLP (HEA)** – For 15 years, HEA has specialized in building systems performance and energy usage. As an independent expert, HEA performs all types of energy studies, from preliminary surveys to comprehensive programs, all customized to each facility. With offices throughout NY State, HEA has a large and respected staff of qualified field personnel who also have experience with EO 111 “Green and Clean” and LEED® requirements. HEA is comprised of professional engineers (PE), certified energy managers (CEM), certified energy auditors (CEA), certified commissioning authorities (CCA), LEED® accredited professionals (LEED® AP), certified commissioning providers (CCP), and certified building commissioning professionals (CBCP).

IBC Engineering P.C., Rochester, Buffalo – Incorporated in 1996, IBC Engineering P.C. is an M/E/P Consulting Firm employing 40 professionals and specializing in building systems. IBC delivers agency managed, owner-direct, and privately funded projects, as well as design-build and LEED® certified projects for many different types of clients across New York State. IBC serves many different clients and specializes in healthcare, K-12 education, higher education, industrial, commercial and municipal designs, including system analysis. We offer traditional M/E/P services, as well as specialty services such as: energy modeling, energy analysis, commissioning, retro-commissioning, combined heat and power, geothermal, Executive Order No. 111 requirements, and measurement with verification projects and forensic engineering. IBC’s mission is to provide owners with innovative design solutions that are cost effective, practical to maintain, aesthetically pleasing and environmentally sustainable.

L&S Energy Services, Albany, Syracuse, New York City – L&S has over 30 years of expertise in conducting comprehensive energy assessments, building energy use modeling, energy cost reduction, and feasibility studies as well as complete design implementation for all building and system types. Services include: computerized building energy simulation modeling; optimization of building envelope and building systems; sustainable design, sustainable technologies and Green Building services (LEED®); utility rate analysis; end-use metering, energy load profile analysis, industrial and manufacturing process evaluation, combined heat and power (CHP) analysis, distributed generation studies, commissioning, and retro-commissioning.

LaBella Associates, P.C., Rochester, Hornell, and Ithaca – Founded in 1978, LaBella is a full-service engineering, architectural design, environmental consulting and planning firm. The firm provides energy services to a variety of market sectors including K-12, Higher Education, State Agency, Municipal, Industrial/Manufacturing, Retail, Office, and Commercial clients. LaBella assists clients in the identification, optimization and analysis of energy saving opportunities. Areas of expertise include: energy master plans; energy assessment, modeling, planning and monitoring; data center energy efficiency and both retro and continuous commissioning. Additionally, the firm is well-versed in sustainable design as well as the requirements for LEED® Certified buildings.

***Lime Energy** – Lime Energy services include integrated program management, energy engineering, consulting, and implementation of energy efficient measures. Lime Energy assists clients by designing programs, performing audits and engineering, and performing installations. Lime Energy’s solutions help customers to reduce their facilities’ energy consumption, lower their operating and maintenance costs, and reduce their carbon footprint. Lime Energy provides engineering and implementation services for lighting, mechanical and electrical upgrades, and weatherization.

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Luthin Associates, Inc., Avon, NJ – Since 1994, Luthin Associates has helped clients develop and implement a wide spectrum of energy-related initiatives, including competitive energy purchasing, energy profile analysis, master planning and benchmarking. The firm is active in preparing analyses of energy conservation project pro formas, equipment lifecycle cost projections, and co-generation feasibility studies. Luthin Associates also specialize in helping clients purchase electricity, natural gas and fuel oil in a competitive process. Luthin Associates' energy conservation programs include assisting customers in procuring energy services and acting as owner's representative when implementing projects. Luthin Associates can assist clients in developing competitive purchasing strategies for energy conservation projects, including financing options such as performance contracting.

Malcolm Pirnie, Inc., Albany, Buffalo, New York City, Rochester, White Plains – Malcolm Pirnie is a full service environmental engineering firm focusing on solutions for the public and private sectors, including most types of commercial, industrial and municipal space types, specifically related to Energy Reduction Management. Project types include demand side energy reduction strategic planning, energy feasibility studies, commissioning and retro-commissioning, benchmarking (including CO2 foot-printing), procurement development of Energy Service Contracts and Power Purchase Agreements, process engineering including water and wastewater plant optimization and design, sludge digestion, combined heat and power, and geothermal cooling. Malcolm Pirnie has a full service building services design group that consists of mechanical, electrical and system engineers, LEED® certified professionals, and architects.

M/E Engineering, P.C., Buffalo, Rochester, Syracuse, Albany – M/E Engineering, P.C. is a full service mechanical/electrical/energy engineering firm providing services across New York and the Northeast United States. With approximately 200 staff, M/E Engineering can provide specialized expertise in Energy Conservation Studies and Master Plans, Energy Modeling, LEED® Consulting, Process Optimization and Computational Fluid Dynamics. Clients include universities, public schools, municipalities, industrial facilities, government agencies, healthcare and commercial facilities. M/E Engineering has 39 LEED® Accredited Professionals, Certified Energy Managers and Accredited Commissioning Professionals on staff.

Modern Energy, LLC, Rochester, Syracuse – Modern Energy is an engineering consulting firm that specializes in energy system analyses. Modern Energy has an established record of successful projects working with utilities, power generators, manufacturers, government agencies, building owners and food processors. Creative solutions to energy utilization issues are developed by the company's staff, who have worked as consulting engineers, project managers, power equipment designers, development engineers and university engineering professors. Modern Energy specialties include comprehensive energy auditing, feasibility studies, technology assessments, manufacturing and process evaluations, load profiling, monitoring and data acquisition, utility rate assessments, combined heat and power (CHP) studies in electric generation and mechanical drive configurations, evaluation of compressed air and refrigeration systems, heat recovery, steam plants and distribution system analyses as well as building HVAC, controls, lighting and related features.

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North Country Engineering, P.C.(NCE), Lake George, Bethpage, Amherst, Syracuse – NCE is a full service engineering firm that has expertise with energy reduction projects related to industrial process facilities, data centers, water/wastewater treatment plants, and institutions. Services provided include process improvements, waste heat recovery and generation, energy audits, compressed air system optimization peak-load reduction studies, combined heat and power (CHP) systems, carbon mitigation studies, data center efficiency analysis, energy modeling, computational fluid dynamic (CFD) modeling, commissioning and energy procurement support. The NCE team includes AMEC and Power Management Concepts, who provide specialized process engineering support services and related to data center efficiency and modeling services, respectively.

Northeast Agriculture Technology Corp. (NATC), Ithaca – NATC serves the special energy management and engineering needs for farms. NATC provides a full range of services including farm energy analysis and energy management recommendations, farmstead lighting layouts including long-day-lighting, farm ventilation system design, electric service upgrade recommendations, standby power system sizing, energy related feasibility studies, stray voltage investigations, and energy related grant writing. NATC also provides farm energy management information for educational seminars and stray voltage investigation training.

Novus Engineering, Delmar – Novus Engineering offers comprehensive energy and engineering consulting services to clients in all sectors. Areas of expertise include HVAC design and optimization, energy efficient lighting design and retrofits, geothermal design, commissioning, retro-commissioning, LEED® assistance, energy modeling, and indoor air quality consulting. Novus has a well-established reputation in energy efficiency analysis, having completed hundreds of energy study and evaluation projects over the past 25+ years. Novus engineers have field evaluation skills and take a hands-on approach to all projects. These same skills also underlie competency in greenhouse gas reduction program analysis and planning. Novus has in-depth expertise in fuel purchasing and tariff analysis, as well as assisting clients in optimizing their expenditures on energy supplies. Novus offers LEED® assistance for green building design and provides comprehensive environmental quality services, helping facilities achieve and maintain regulatory compliance.

O'Brien & Gere Engineering, Inc., Syracuse, Albany, Hawthorne, Rochester and Vestal – O'Brien & Gere develops comprehensive energy programs to manage and reduce client energy consumption and demand as well as risk management strategies for dealing with energy supply market price volatility. O'Brien & Gere's areas of expertise include: general feasibility studies, carbon mitigation studies, peak load reduction strategies, industrial efficiency analysis, combined heat and power, distributed generation, energy procurement, retro- or continuous commissioning services, LEED® and green building services, and water /wastewater. O'Brien & Gere provides support across all phases of an energy program from initial studies and planning to design, implementation, commissioning, and operations and maintenance.

O'Dea, Lynch, Abbattista Consulting Engineers, Hudson Valley Region, New York City – O'Dea, Lynch, Abbattista has over thirty five years of experience in energy conservation consulting, design and commissioning of HVAC, electric, plumbing, and fire protection systems. Services include energy conservation audits, NYC Energy Code compliance audits, feasibility/life cycle cost analysis, building energy performance (DOE2) modeling, Executive Order 111, LEED®, LEED® for Existing Buildings, and sustainable design consulting services, as well as building commissioning services for both new and retro-commissioning.

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Steven Winter Associates, Inc. (SWA), New York City, Norwalk, CT – SWA is a full-service architectural/engineering, research and development consulting firm with specialized expertise in green technologies and design, energy and resource efficiency. Founded in 1972, SWA's staff includes more than 70 engineers, architects, and other trained building professionals. SWA has expertise in technical assistance, policy, regulatory issues and building performance training. SWA works closely with architects, owners, developers, builders, and local, state, and federal agencies to develop and apply sustainable, 'whole building' strategies in a variety of market sectors: commercial, multifamily, residential, educational, and institutional. Some areas of expertise offered are energy analysis and modeling, energy audits and diagnostics, energy design and strategic planning, energy commissioning and retro-commissioning, performance testing, green conceptual planning, green specifications, LEED® consulting and certifications, research and development, building science, design, accessibility and consulting.

Taitem Engineering, Ithaca, New York City, Auburn, North Country – Taitem provides a full range of engineering services, including energy analysis and design. Taitem's technology specialties include advanced energy modeling, transportation studies, HVAC, lighting and daylighting, energy recovery, insulation and air sealing, energy studies, utility billing and rate analysis, LEED® engineering, and commissioning of new and existing buildings. Taitem Engineering serves clients in the industrial, commercial, institutional, government, agricultural, and educational sectors.

Viridian Energy and Environmental, LLC, New York City – Viridian is engaged in consulting for energy efficiency and for environmentally-responsible design/construction. Viridian's architects, engineers, and building scientists have extensive experience in sustainable design, and many are at the forefront of their field of expertise. Professional services range from pre-schematic evaluations (to set environmental and energy performance goals, suggest design alternates and system options, etc.), through design phase services (energy and daylight modeling, material and system recommendations, and green specification edits), to construction and post-occupancy services (building commissioning, recommissioning, testing and monitoring). Viridian also performs energy audits, as well as evaluation for LEED® Existing Buildings. Viridian provides its consulting services to diverse customers for various building types such as laboratories, offices, retail, and hotels, among others.

Wendel Energy Services, LLC, Buffalo, New York City – provides energy-related analysis, design and implementation services throughout New York State. Wendel's customers include municipalities, school districts, universities, hospitals and industrial manufacturing facilities. Wendel's services include: energy audits, feasibility studies, building modeling, peak load reduction management, commissioning services, water and wastewater treatment systems analysis, industrial process analysis, distributed generation/co-generation analysis, engineering and architectural design services, Green Buildings and LEED® certification, Executive Order 111 analysis, energy grant and incentive assistance, measurement and verification reporting, and project implementation and construction management services. Wendel's energy services personnel are available to assist facility owners with their comprehensive energy efficiency program.

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***Willdan Energy Solutions (WES)** – Willdan Energy Solutions (WES) is an energy efficiency-auditing, design, and implementation firm. WES provides a full range of services, including: comprehensive energy surveys and audits, general feasibility studies, carbon mitigation studies, greenhouse gas emissions calculations and benchmarking, peak-load reduction strategies, industrial and process energy analyses, combined heat and power, distributed generation, retro-commissioning services, green buildings, energy advisor services, NYS Executive Order 111 requirements, multifamily services, implementation services, program design, benchmark analysis, and metering. WES has worked with multiple utilities, municipal governments, hospital and health care facilities, and the hospitality sector. WES has implemented data center energy efficiency programs including software solutions, such as virtualization, and facility solutions. WES helps clients throughout the country reduce energy consumption and meet their energy and carbon footprint goals.

***Woodard & Curran** – The Woodard & Curran NYSERDA team includes: Woodard & Curran, van Zelm Engineers, and Enstrat Analytics. Woodard & Curran is a 550-person, integrated engineering, science and operations company that provides the following energy services: energy use, sustainability, and systems audits designed to identify optimization, conservation, efficiency and carbon reduction opportunities; and strategies to comply with Mayor Bloomberg’s 30/10 challenge and the American College and University Presidents Climate Commitment (ACUPCC); Carbon Footprint Analysis; load shaping and peak load reduction management strategies; heating, steam, and chiller plant upgrades and replacements; permitting and engineering; air permitting; and industrial and process efficiency analysis.

WM Group Engineers P.C., New York City – WM Group Engineers specializes in design and analysis of building central utilities infrastructure. A major focus is on reducing energy costs and at the same time making utility systems safe and reliable through innovative engineering. WM Group Engineers’ expertise includes; master planning for large campus and building environments, detailed studies and energy efficiency analysis, detailed design, peer review, engineering field construction services, performance testing, LEED® Green Building Design, central plant and building commissioning. Detailed studies and energy efficiency analysis include large system hydronic modeling, steam system efficiency analysis, chilled water system analysis, 3-D 15 minute electrical and gas load profiling, system life cycle costing, and bench mark comparison, Con Edison Competitive Cost analysis, and cogeneration. Detailed design for central plant generation and distribution includes: heating systems (steam, hot water and high temperature hot water), cooling systems, condenser water systems, cogeneration systems, electrical systems, building MEP systems, BMS controls and metering, and Fuel Cells.