

**Ryan Soames Engineering is committed to the Empire Building Challenge to Advance Climate Friendly Buildings in New York State**



**New York, NY – October 13, 2022** Ryan Soames Engineering is proud to be working with the [Lefrak Organization](#) on 59-17 Junction Boulevard, Queens NY and having this project selected for participation in the NY State [Empire Building Challenge \(EBC\)](#) as we work to advance the energy efficiency and decarbonization of New York’s real estate.

Lefrak Organization partnered with Ryan Soames Engineering to coordinate and provide the MEP/FP/Energy Engineering for the Building Central MEP Plant upgrade for the 20 Story, 400k square foot commercial office building in Queens. The plant upgrade consists of a phased installation of new energy efficient main items such as a new 2.5MW building generator and distribution, modular chiller plant, building management system, boilers, heat exchangers, pumps, piping/valves, VFDs, cooling tower, hot water systems, new electrical service rooms and service switchgear, elimination of steam systems with the built-in flexibility to migrate to no gas use, through various heat recovery systems. The new equipment and systems were also all raised on structural steel above the previous flood levels, while phasing all the removal and install work to ensure that the building remained fully operational throughout the process.



The new systems and controls provide for a much more energy efficient building operation and have enhanced innovative features to meet the requirements of the Empire Building Challenge to reduce greenhouse gas emissions geared toward carbon neutrality of the building. This initiative also aims to provide advanced solutions within the existing building infrastructure, spatial constraints while minimizing costs and groundbreaking systems available for other real estate clients and markets.

Additional information on Governor Hochul’s Challenge for Climate-Friendly Buildings in New York State can be found here - [NYS Governor’s office.](#)

# ryan soames engineering

*Ryan Soames Engineering is a professional consulting engineering firm based in New York, New Jersey, and Florida. Ryan Soames specializes in MEP Engineering and Energy Conservation with a specific focus on building design, integrated building services, and energy-efficient engineering. We take pride in our ability to define the scope and goals of our projects in the early design stages to ensure the appropriate procurement route and scope of services are understood by the team. RSE has experience with working on a wide range of project types including commercial, cultural, education, environmental, media, hospitality, residential, amongst many others.*

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