

NetZero Carbon Roadmap for College Campus

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Abstract:

A net zero carbon roadmap must be carefully assessed for a state college campus with historic buildings and old infrastructure. This presentation will talk about preparing a Net Zero carbon road mapping campus master plan, through discussions between the owner, architect and energy consultants. It will showcase the case study of three building typologies (Science Lab, Residence Hall, and Academic Building) from an ideal package of measures to a recommended package of measures. Net Zero Carbon roadmap Master Plan looks at base case existing buildings and analyzes different scenarios to create a set of renovation or retrofit solutions for three different building types on the campus. Through the presentation and panel, we will discuss the three-prong approach to discover, analyze, and strategize at the building operations level, district level, policy level and more. This process can help set a precedent for historic/campus retrofit.

Presenter Biography:

Mr. DiSanto is a Senior Energy Engineer for Ramboll with over 16 years of energy engineering experience including project management and technical management of NYS Agency energy master plan and net-zero carbon plans. Mr. DiSanto served as the project manager for the Net Zero Carbon Roadmap – Phase 1 project.

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