

Objective: In support of Cornell's Climate Action Plan (CAP) (CAP link: <https://sustainablecampus.cornell.edu/our-leadership/cap>), complete a comprehensive assessment on the impact and trade-offs of hydrogen supplied steam generation vs Renewable Natural Gas (RNG) supplied Cornell Campus steam generation using the current steam generation process climate footprint as a baseline for comparison . This should include a thorough assessment of current competitive landscape of hydrogen and RNG , available technologies, NYS/federal/local laws and regulations affecting the technology (especially combustion based), impact to current Cornell assets, some level of financial impact (capital and operating cost) of alternatives. The project will start with a tour of the Cornell Combined Heat & Power Plant.