

Columbia University Sustainability Plan 2030

Electrification of all real estate portfolios

Critical to ensure compliance with science-based targets and Local Law 97



Morningside
Central Loop

65 Buildings +
Central Plant
7.0M sq ft



Manhattanville
Central Loop

6 Buildings +
Central Plant
1.1M sq ft



Standalone
Academic

17 Buildings
1.1M sq ft



Standalone
Residential

149 Buildings
6.7M sq ft



Standalone
Undergraduate
Housing

22 Buildings
400k sq ft



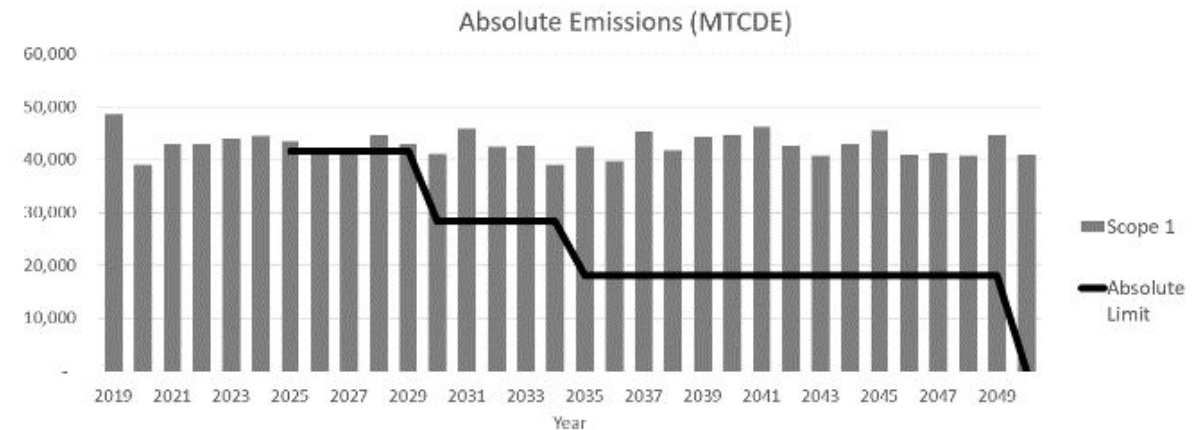
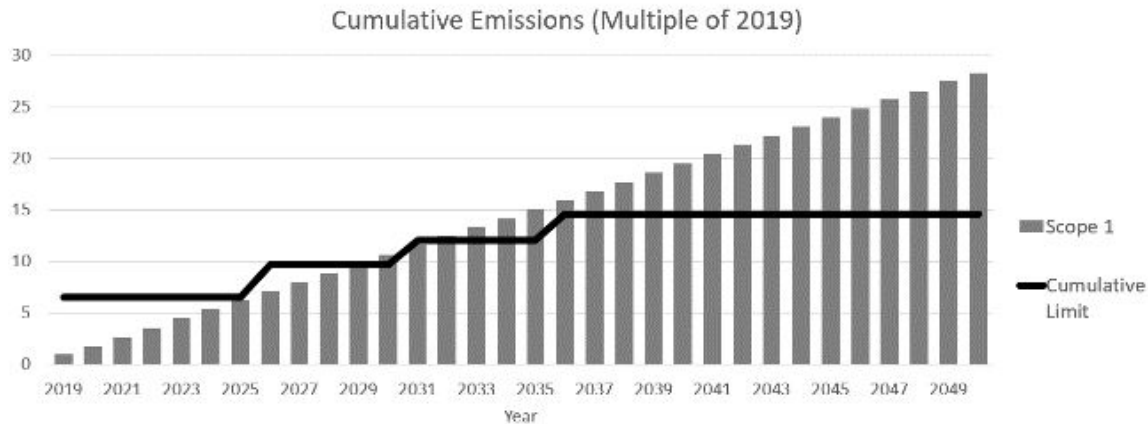
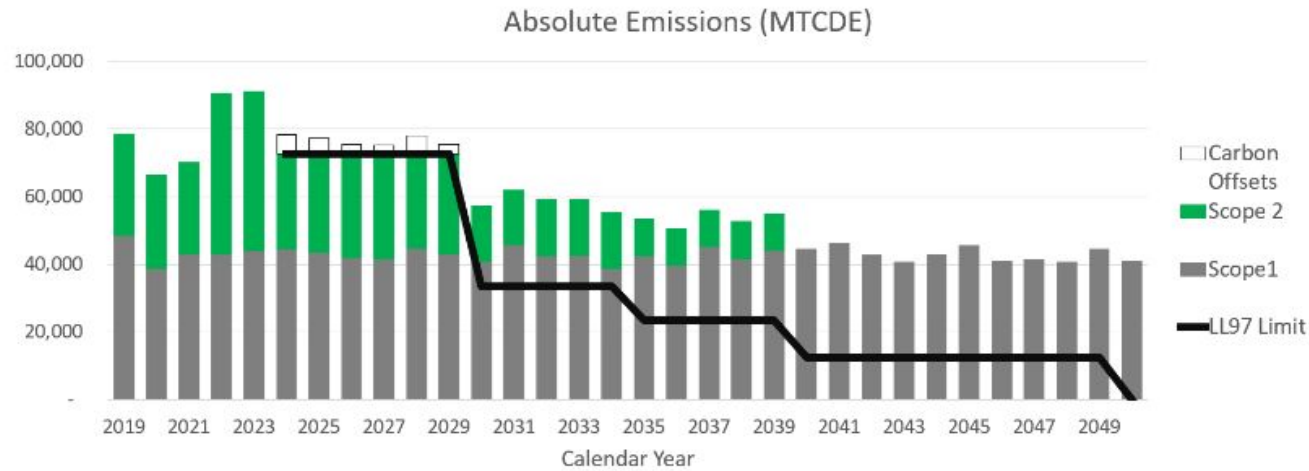
CUIMC

21 Buildings
3.7M sq ft

Sean Scollins
Asst. VP Energy and Engineering

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How to overcome the challenge of meeting the internal requirements of CU Plan 2030 and meet the requirements of Local Law 97.



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The obstacles with meeting our goals are timing, building disruption, and capital funding



Today

Phase 1: By EO 2028

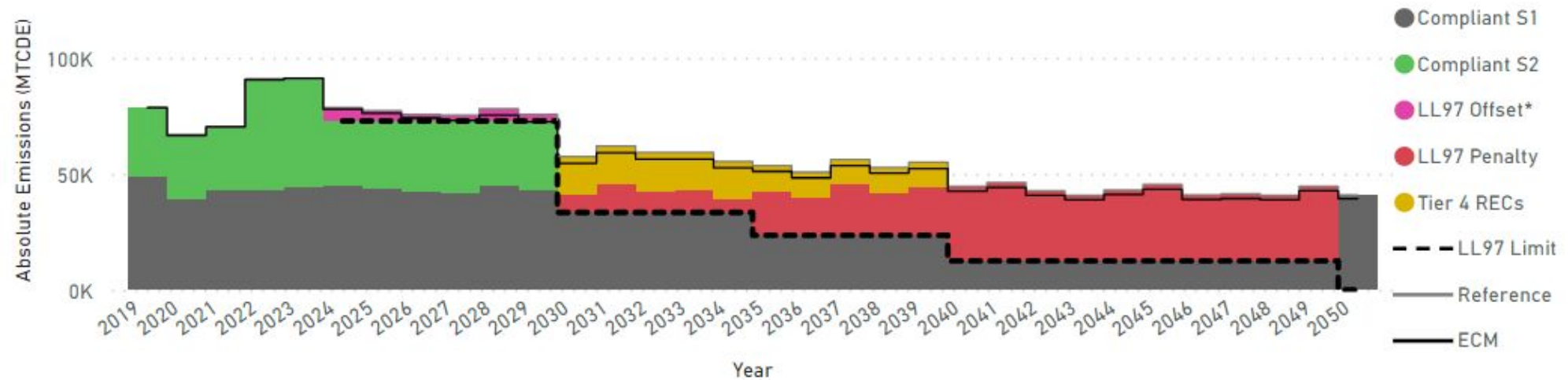
Phase 2: By EO 2034

Phase 3: By EO 2039

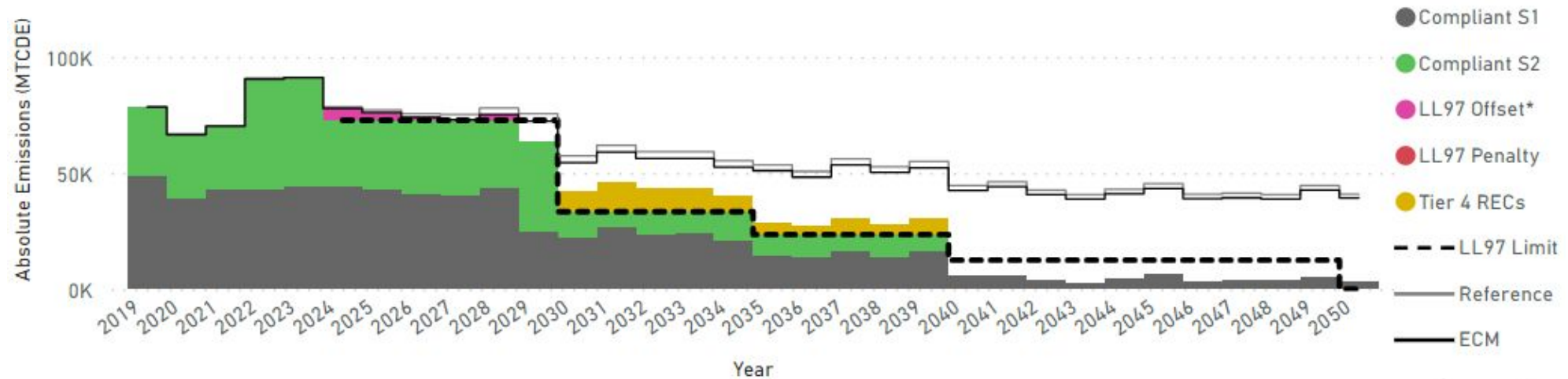
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The LL97 impacts of maintaining business as usual vs electrification of the campus

Local Law 97 (LL97) Compliance



Local Law 97 (LL97) Compliance



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Regarding Building Decarbonization, to achieve New York Climate, Heath, and Equity goals under the CLPA a critical obstacle to collectively overcome in 12 months is ***inclusive stakeholder support***, both internal and external to Columbia University.