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Title: Decarbonizing power and transportation at the urban scale: An analysis of the Austin, Texas Community Climate Plan

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- Develop an optimization model for urban-scale power and transportation decarbonization
- Analyze the Austin, Texas Community Climate Plan for net-zero GHG emissions by 2050
- Policy increases net present costs by a modest 2.7% if optimal pathway is implemented
- Solar PV expansion is virtually guaranteed, whereas policy affects wind vs. natural gas
- Battery electricity storage and optimally coordinated EV charging play prominent roles

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